JPC

From: Keith Ziobron

LETTER OF TRANSMITTAL

CLOUGH HARBOUR & ASSOCIATES LLP

Date: July 17, 2007

1	4	3	5	7	1	0	0	4	1	1	0	2

13 digit CHA project #

Project Name: City of Poughkeepsie

Client Project No.:

III Winners Circle, P.O. Box 5269
Albany, New York 12205-0269
Tel: 518-453-4500 Fax: 518-458-1735

To: NYSDEC
Div. of Environmental Remediation
625 Broadway
Albany, NY 12233
Attention: Mr. Joshua Cook

RE: DeLaval ERP - Notice of Intent and Stormwater Pollution Prevention Plan

We Are Transmitting to You:

- ☐ Under Separate Cover VIA _____
- ☐ Attached
- ☐ Plans
- ☐ Approval of Subcontractor
- ☐ Copy of Letter
- ☐ Specifications
- ☐ Order on Contract
- ☐ Photographs
- ☒ Report
- ☐ Original Drawings
- ☐ Proposal
- ☒ Form _____
- ☐ Other _____

Number of Copies	DWG./Revision Date	Drawing Number	Description
2 ea.			Notice of Intent (NOI)
2 ea.			Stormwater Pollution Prevention Plan (SWPPP)

These are Transmitted as Noted Below:

- ☒ For Approval
- ☐ Approved as Submitted
- ☐ Resubmit _____ Copies for Approval
- ☐ For Information
- ☐ Approved as Noted
- ☐ Resubmit _____ Copies for Distribution
- ☐ For Action
- ☐ For Corrections
- ☐ Return _____ Corrected Prints
- ☐ As Requested
- ☐ For Review and Comments
- ☐ _____

Remarks: Josh: Per our previous conversations, we are hereby submitting the NOI and SWPPP for the DeLaval project. We had previously submitted them to Mr. Pat Ferracane in the White Plains office, but has indicated that since the site is in the ERP program, its not under his jurisdiction. Instead he is deferring to the Environmental Remediation Group. While we want you to have these documents on file, there is really no new information that hasn't previously been presented in the previous submission of drawings and specifications. Please call with any questions.

Copies To

for

(Signature)

By: Keith J. Ziobron, P.E., L.E.P.

Note: If Enclosures are not as noted, please notify us at once.

White: Addressee Yellow: Project Notebook Pink: Main File

1752059166

NOTICE OF INTENT

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

NYR _____ (for DEC use only)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-02-01

All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required. To properly complete this form, please refer to the Instruction Manual which can be accessed at www.dec.state.ny.us/website/dow/toolbox/instr_man.pdf

-IMPORTANT-

THIS FORM FOR MACHINE PRINT ONLY
RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR **MUST SIGN FORM**

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
CITY OF POUGHKEEPSIE

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
DUPILKA

Owner/Operator Contact Person First Name
RICHARD

Owner/Operator Mailing Address
PO BOX 300

City
POUGHKEEPSIE

State
NY

Zip
12602-

Phone (Owner/Operator)
845-451-4074

Fax (Owner/Operator)
845-451-4101

Email (Owner/Operator)
RDUPILKA@CITYOFPOUGHKEEPSIE.COM

Location Information

Project Site Information

Project/Site Name
DELAVAL PROPERTY

Street Address (NOT P.O. BOX)
RINALDI BOULEVARD & PINE STREET

City/Town/Village (THAT ISSUES BUILDING PERMIT)
POUGHKEEPSIE

State
NY

Zip
12601-

County
DUTCHESS

DEC Region (if known)

Name of Nearest Cross Street
HURLIHE STREET

Distance to Nearest Cross Street (Feet)
800

Direction to Nearest Cross Street
● **North** ○ **South** ○ **East** ○ **West**

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you **must** go to the NYSDEC Stormwater Interactive Map on the DEC website at:

www.dec.state.ny.us/website/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site go to the dropdown menu on the left and choose "Get Coordinates". Click on the center of your site and a small window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)
583273

Y Coordinates (Northing)
4616642

2. What is the nature of this construction project?

○ **New Construction**

○ **Redevelopment with increase in imperviousness**

● **Redevelopment with no increase in imperviousness**

Project Site Information

3. Select the predominant land use for both pre and post development conditions.
SELECT ONLY ONE CHOICE FOR EACH

Pre-Development Existing Land Use	Post-Development Future Land Use
○ FOREST	○ SINGLE FAMILY HOME
○ PASTURE/OPEN LAND	○ SINGLE FAMILY SUBDIVISION
○ CULTIVATED LAND	○ TOWN HOME RESIDENTIAL
○ SINGLE FAMILY HOME	○ MULTIFAMILY RESIDENTIAL
○ SINGLE FAMILY SUBDIVISION	○ INSTITUTIONAL/SCHOOL
○ TOWN HOME RESIDENTIAL	● INDUSTRIAL
○ MULTIFAMILY RESIDENTIAL	○ COMMERCIAL
○ INSTITUTIONAL/SCHOOL	○ ROAD/HIGHWAY
● INDUSTRIAL	○ RECREATIONAL/SPORTS FIELD
○ COMMERCIAL	○ BIKE PATH/TRAIL
○ ROAD/HIGHWAY	○ LINEAR UTILITY (water, sewer, gas, etc.)
○ RECREATIONAL/SPORTS FIELD	○ PARKING LOT
○ BIKE PATH/TRAIL	○ OTHER
○ SUBSURFACE UTILITY	
○ PARKING LOT	
○ OTHER	

Number of Lots: [ ]

OTHER: [ ]

OTHER: [ ]

4. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law ?
○ Yes ● No

5. Is this a project which does not require coverage under the General Permit (e.g. Project done under an Individual SPDES Permit, or department approved remediation)?
○ Yes ● No

6. Is this property owned by a state authority, state agency or local government?
● Yes ○ No

7. In accordance with the larger common plan of development or sale; enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage)within the disturbed area. Round to the nearest tenth of an acre.

Total Site Acreage	Acreage To Be Disturbed	Existing Impervious Area Within Disturbed	Future Impervious Area Within Disturbed
13.9	13.9	0.1	0.0

8. Will there be more than 5 acres disturbed at any given time?
● Yes ○ No

9. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

A	B	C	D
100 %	%	%	%

10. Is this a phased project? **(if yes, The SWPPP must address all planned phases)** * ○ **Yes** ● **No**

11. Enter the planned start and end dates of the disturbance activities

Start Date 03/01/2007 – **End Date** 08/01/2008

Receiving System(s)

12. Provide the name of the nearest, natural, classified surface waterbody(ies) into which construction site runoff has the potential to discharge.

HUDSON RIVER

For Questions 13 and 14 refer to the Instruction Manual for a subset of 303(d) segments and TMDL watersheds subject to Condition A of the permit. These waterbodies and watersheds have been identified for regulation within the stormwater program due to some level of impairment by nutrients, silt or sediment. The Instruction Manual can be accessed at www.dec.state.ny.us/website/dow/toolbox/instr_man.pdf

13. Has the surface waterbody(ies) in question 12 been identified as a 303(d) segment? * ○ **Yes** ● **No**

14. Is this project located in a TMDL Watershed? * ○ **Yes** ● **No**

***NOTE:** **If you answered Yes to either question 13 or 14, Pursuant to Part I.D.3.(b) of the permit, you must have your SWPPP prepared and certified by a licensed/certified professional and the SWPPP is subject to a 60-business day review.**

15. Does the site runoff enter a separate storm sewer system- including roadside drains, swales, ditches, culverts, etc? **(if no, skip question 16)** ○ **Yes** ● **No** ○ **Unknown**

16. What is the name of the municipality/entity that owns the separate storm sewer system?

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ○ **Yes** ● **No** ○ **Unknown**

Stormwater Pollution Prevention Plan (SWPPP)

18. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book) ?

● Yes ○ No*

19. Does this construction activity require the development of a SWPPP that includes Water Quality and Quantity Control components (Post-Construction Stormwater Management Practices) **If no, Skip question 20**

○ Yes ● No

20. Have the Water Quality and Quantity Control components of the SWPPP been developed in comformance with the current NYS Stormwater Management Design Manual ?

○ Yes ○ No*

NOTE: If you answered no to question 18 or 20, Pursuant to Part I.D.3.(b) of the permit, you must have your SWPPP prepared and certified by a licensed/certified professional and the SWPPP is subject to a 60-business day review. Please provide further details in the details/comment section on the last page of this form.

21. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ○ **Professional Engineer (P.E.)**
- ○ **Soil and Water Conservation District (SWCD)**
- ○ **Registered Landscape Architect (R.L.A)**
- ● **Certified Professional in Erosion and Sediment Control (CPESC)**
- ○ **Owner/Operator**
- ○ **Other**

SWPPP Preparer Information (if different from Owner/Operator info)

SWPPP Preparer: CLOUGH HARBOUR & ASSOCIATES, LLP

Contact Name (Last, Space, First): HARRIS, KRISTY

Mailing Address: 441 SOUTH SALINA STREET

City: SYRACUSE

State: NY

Zip: 13202-

Phone: 315-471-3920

Fax: 315-471-3569

Email: KHARRIS@CHA-LLP.COM

Stormwater Pollution Prevention Plan (SWPPP)

Erosion and Sediment Control Practices

22. Has a construction sequence schedule for the planned management practices been prepared?

● Yes ○ No

23. Select **all** of the erosion and sediment control practices that will be employed on the project site.

Temporary Structural

- ○ Check Dams
- ○ Construction Road Stabilization
- ○ Dust Control
- ○ Earth Dike
- ○ Level Spreader
- ○ Perimeter Dike/Swale
- ○ Pipe Slope Drain
- ○ Portable Sediment Tank
- ○ Rock Dam
- ○ Sediment Basin
- ○ Sediment Traps
- ● Silt Fence
- ● Stabilized Construction Entrance
- ○ Storm Drain Inlet Protection
- ○ Straw/Hay Bale Dike
- ○ Temporary Access Waterway Crossing
- ○ Temporary Stormdrain Diversion
- ○ Temporary Swale
- ● Turbidity Curtain
- ○ Water bars

Biotechnical

- ○ Brush Matting
- ○ Wattling

Vegetative Measures

- ○ Brush Matting
- ○ Dune Stabilization
- ○ Grassed Waterway
- ● Mulching
- ○ Protecting Vegetation
- ○ Recreation Area Improvement
- ○ Seeding
- ○ Sodding
- ○ Straw/Hay Bale Dike
- ○ Streambank Protection
- ○ Temporary Swale
- ○ Topsoiling
- ○ Vegetating Waterways

Permanent Structural

- ○ Debris Basin
- ○ Diversion
- ○ Grade Stabilization Structure
- ○ Land Grading
- ○ Lined Waterway (Rock)
- ○ Paved Channel (Concrete)
- ○ Paved Flume
- ○ Retaining Wall
- ● Riprap Slope Protection
- ○ Rock Outlet Protection
- ○ Streambank Protection

Other

Stormwater Pollution Prevention Plan (SWPPP)

Water Quality and Quantity Control

Important:Completion of Questions 24-30 is not required if the project:

Disturbs less than 5 acres and is planned for single-family residential homes(including subdivisions) or construction on agricultural property and does not have a discharge to a 303(d) water or is not located within a TMDL watershed.

Additionally, sites where there will be no future impervious area within the disturbed area and that do not have a change(pre to post development)in hydrology do not need to complete questions 24-30.

24. Indicate **all** the permanent Stormwater Management Practice(s) that will be installed on this site

Post Construction Stormwater Management Practices

Ponds

- ○ **Micropool Extended Detention (P-1)**
- ○ **Wet Pond (P-2)**
- ○ **Wet Extended Detention (P-3)**
- ○ **Multiple Pond System (P-4)**
- ○ **Pocket Pond (P-5)**

Filtering

- ○ **Surface Sand Filter (F-1)**
- ○ **Underground Sand Filter (F-2)**
- ○ **Perimeter Sand Filter (F-3)**
- ○ **Organic Filter (F-4)**
- ○ **Bioretention (F-5)**

Wetlands

- ○ **Shallow Wetland (W-1)**
- ○ **Extended Detention Wetland (W-2)**
- ○ **Pond/Wetland System (W-3)**
- ○ **Pocket Wetland (W-4)**

Infiltration

- ○ **Infiltration Trench (I-1)**
- ○ **Infiltration Basin (I-2)**
- ○ **Dry Well (I-3)**

Open Channels

- ○ **Dry Swale (O-1)**
- ○ **Wet Swale (O-2)**

○ **Other**

Describe other stormwater management practices not listed above or explain any deviations from the technicial standards. If the SWPPP does not conform to the technicial standards, the SWPPP must be prepared and certified by a licensed/certified professional and is subject to a 60-business day review.

Has a long term Operation and Maintenance plan for the post construction management practices been developed? ○ **Yes** ○ **No**

If Yes, Identify the entity responsible for the long term Operation and Maintenance

Stormwater Pollution Prevention Plan (SWPPP)
Water Quality and Quantity Control

25. Provide the total water quality volume required and the total provided for the site.

Total Water Quality Volume (WQv)

WQv Required ☐☐☐.☐☐☐ **acre-feet**

WQv Provided ☐☐☐.☐☐☐ **acre-feet**

26. Provide the following Unified Stormwater Sizing Criteria for the site.

Total Channel Protection Storage Volume (CPv) - Extended detention of post-developed 1 year, 24 hour storm event

CPv Required ☐☐☐.☐☐☐ **acre-feet**

CPv Provided ☐☐☐.☐☐☐ **acre-feet**

The need to provide for channel protection has been waived because

○ **Site discharges directly to fourth order stream or larger**

Total Overbank Flood Control Criteria (Qp) - Peak discharge rate for the 10 year storm

Pre-Development ☐☐☐.☐☐☐ **CFS**

Post-development ☐☐☐.☐☐☐ **CFS**

Total Extreme Flood Control Criteria (Qf) - Peak discharge rate for the 100 year storm

Pre-Development ☐☐☐.☐☐☐ **CFS**

Post-development ☐☐☐.☐☐☐ **CFS**

The need to provide for flood control has been waived because

○ **Site discharges directly to fourth order stream or larger**

○ **Downstream analysis reveals that flood control is not required**

IMPORTANT: For questions 27 and 28 impervious area should be calculated considering the project site and all offsite areas that drain to the post-construction stormwater management practice(s) (Total Drainage Area = Project Site + Offsite areas)

27. Pre-Construction Impervious Area - As a percent of the Total Drainage Area enter the percentage of the existing impervious areas before construction begins. ☐☐☐ %

28. Post-Construction Impervious Area - As a percent of the Total Drainage Area enter the percentage of the future impervious areas that will be created/remain on the site after completion of construction. ☐☐☐ %

29. Indicate the total number of permanent stormwater management practices to be installed ☐☐

30. Provide the total number of stormwater discharge points from the site (include discharges to either surface waters or to seperate storm sewer systems) ☐☐

0567059169

Other Permits

31. Select any other DEC permits that are required for this project or ○ None

DEC Permits

○ Air Pollution Control	● Stream Protection/Article 15
○ Coastal Erosion	● Water Quality Certificate
○ Hazardous Waste	○ Dam Safety
○ Long Island Wells	○ Water Supply
○ Mined Land Reclamation	○ Freshwater Wetlands
○ Other SPDES	○ Tidal Wetlands
○ Solid Waste	○ Wild, Scenic and Recreational Rivers

Other: ERP APPROVAL

32. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.

NYR

Details/Comments

Site work consists of removing contaminated soil and disposing of off-site. Removal areas will be filled with clean material. Site will be cleared after contamination is removed and entire site will be covered with barrier protection soil and temporarily stabilized with mulch. At that time, the developer will take over the site for new construction. The developer will provide an NOI and SWPPP which will include permanent stabilization practices. If developer does not begin within 14 days, site will be topsoiled, seeded and mulched.

Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I also certify under penalty of law that this document and the corresponding documents were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) 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. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction. and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name: RICHARD

MI: L

Print Last Name: DUPILKA

Owner/Operator Signature

Date: 11/20/2006

The DeLaval Property

Stormwater Pollution Prevention Plan

Rinaldi Boulevard & Pine Street
Poughkeepsie, New York, Dutchess County

Prepared for:

City of Poughkeepsie
PO Box 300
Poughkeepsie, New York 12602

Prepared by:

Clough Harbour & Associates LLP
The Galleries of Syracuse
441 South Salina Street
Syracuse, New York 13202
(315) 471-3920

CHA Project Number: 14357

September, 2006

TABLE OF CONTENTS

Project Information:

Project Name and Location
The DeLaval Property
Rinaldi Boulevard & Pine Street
Poughkeepsie, New York

Owner Name and Address
City of Poughkeepsie
P.O. Box 300
Poughkeepsie, NY 12602

Project Description:

Purpose and Extent of Proposed Development

The DeLaval Property is located in the City of Poughkeepsie, Dutchess County, New York. The project site encompasses approximately 13.9 acres and is generally bounded by Metro North Railroad to the east, the Hudon River to the west, Pine Street to the north, and industrial lands to the south.

This SWPPP covers the site development, scheduled to be completed in 2007-2008. More specifically, this development will include the installation of bulk heads and additional shoreline work along the Hudson River, the removal of contaminated soils within two general areas of the property, and the installation of a barrier soil layer across the entire site. Once the remediation work is completed, future plans for the site consist of commercial development, the SWPPP for which will be submitted at a later date.

Project Disturbance Area

Total Disturbed Area:	±13.9 acres
Proposed Total Impervious Area:	±0.0 acres

Sequence of Major Activities:

This SWPPP presents erosion and sediment controls, both temporary and permanent, to assist the operator in compliance with the project's SPDES General Permit for construction activity. To the degree practicable, all temporary erosion and sediment control mitigation measures shall be installed immediately before associated project areas are disturbed in anticipation of all soil disturbing activities to follow.

In general, the following lists the project sequence:

- Install construction entrance.
- Install turbidity curtains.
- Install bulk heads.
- Perform shoreline work.
- Install silt fencing as indicated.
- Demolish structures.
- Complete excavation of Area 1, replace with clean fill and stabilize.
- Complete trench excavation.
- Complete excavation of Area 2, replace with clean fill and stabilize.
- Install HDPE pipe where shown on plans.
- Clear and grub remainder of site.
- Install fabric and barrier protection soil layer to remainder of site.
- Stabilize with mulch. Site will be turned over to developer for permanent stabilization. Should developer not commence work within 14 days, site shall be topsoiled, seeded and mulched.

See sheet ENV-12 for complete sequence.

Name of Receiving Waters

Stormwater entering the project area will discharge to the Hudson River (Class A, Standards A).

Controls:

Erosion and Sediment Controls / Stabilization Practice

For a layout of applicable erosion and sediment control measures, see attached plan sheets EV-11 and EV-12. For Erosion and Sediment Control Details, see plan sheet EV-13.

Temporary Stabilization

Topsoil stockpiles, staging areas and disturbed pervious portions of the project area where construction activity temporarily ceases for at least 21 days shall be stabilized with temporary seed and mulch no later than 14 days from the last construction activity in that area.

Temporary seed shall be Rye (grain) applied at the rate of 30 pounds per acre. Prior to seeding, 2,000 pounds of ground agricultural limestone and 1,000 pounds of 5-10-10 fertilizer shall be applied at a rate per acre to be stabilized. Mulch shall be applied in conjunction with seeding and applied at the rate of 90 lbs per 1000 square feet. Mulch shall be reapplied as necessary. Areas of the project area, which are to be paved, shall be temporarily stabilized by applying temporary gravel subbase until pavement can be applied.

Proposed grades which will have slopes steeper than 3:1 shall be stabilized with erosion control fabric.

Temporary diversion swales shall be installed on site where necessary. Diversion swales are designed to divert runoff around active construction areas to a point of discharge.

Sediment control fencing shall be installed around the site where depicted on the attached plan sheets. Prior to commencing any earthwork, a stabilized construction entrance shall be installed as indicated on the attached plans. This entrance shall be utilized as the exclusive construction entrance and exit to the construction areas. Construction traffic shall be limited to the construction entrance.

Permanent Stabilization

Disturbed portions of the project area where construction activities permanently cease shall be stabilized with permanent seed no later than 14 days after the last construction activity. The permanent seed mix shall be in accordance with the project specifications and plans. Construction and maintenance of erosion and siltation control measures are in accordance with the New York Standards and Specifications for Erosion and Sediment Control.

Where construction activity is complete over areas to be permanently vegetated, stabilize with permanent seeding. Verify seeding dates with engineer. If engineer determines that seed cannot be applied due to climate, topsoil shall not be spread and mulching shall be applied to the exposed surface to stabilize soils until the next recommended seeding period. Other project areas shall be permanently stabilized with pavement, concrete, gravel or building structures.

Stormwater Management and Water Quality Measures

A comprehensive stormwater management report was not needed for this project due to the fact that site conditions are not changed.

Other Controls

Waste Disposal

Waste materials – Foreign waste materials shall be collected and stored in a secured area until removal and disposal by a licensed solid waste management company. All trash and construction debris from the project area shall be disposed of in a portable container unit. No foreign waste materials shall be buried within the project area. All personnel shall be instructed regarding the correct procedure for waste disposal. Notices stating these practices shall be posted in the project trailer and the individual who manages day-to-day project operations will be responsible for seeing that these procedures are followed.

Hazardous Waste - All hazardous waste materials shall be disposed of in a manner specified by local or state regulations or by the manufacturer. Project personnel shall be instructed in these practices and the individual who manages day-to-day project operations shall be responsible for seeing that these practices are followed.

Sanitary Waste - Any sanitary waste from portable units shall be collected from the portable units by a licensed sanitary waste management contractor, as required by NYS DEC regulations.

Sediment Tracking by Vehicles

A stabilized construction entrance shall be installed (where depicted on attached plan) and maintained as necessary to help reduce vehicular tracking of sediment. The entrance shall be cleaned of sediment and redressed when voids in the crushed stone become filled and vehicular tracking of sediment is occurring. Dump trucks hauling materials to and from the construction project area shall be covered with a tarpaulin to reduce dust. Any sediment and debris tracked from work area along project adjacent roadways shall be immediately removed with a street sweeper or equivalent sweeping method. Further, sweeping of streets adjacent to

disturbed areas shall be performed prior to the end of each work day (at a minimum) when tracking of sediment is occurring.

Non-Stormwater Discharges

Non-stormwater discharges are not expected to exit the project area during construction.

Timing of Controls/Measures

The erosion and sediment control measures shall be constructed prior to clearing or grading of any portion of the project. Where construction activity temporarily ceases for more than 21 days, areas to be vegetated shall be stabilized with a temporary seed and mulch within 14 days of the last disturbance. Where construction activity temporarily ceases for more than 21 days, areas to be paved shall be stabilized with a crushed stone within 14 days of the last disturbance. Once construction activity ceases permanently in an area, that area shall be stabilized with permanent measures. After the entire project area is stabilized, the accumulated sediment shall be removed from the project area. Erosion control devices shall remain in place until disturbed areas are permanently stabilized.

Certification of Compliance with Federal, State, and Local Regulations

The stormwater pollution prevention plan reflects the New York State requirements for stormwater management and erosion and sediment control. To ensure compliance, this plan was prepared in accordance with New York State Standards. There are no other applicable State or Federal requirements for sediment and erosion plans (or permits), or stormwater management plans (or permits).

Maintenance/Inspection Procedures:

Erosion and Sediment Control Inspection and Maintenance Practices

These are the minimum required inspection and maintenance practices that shall be used to maintain erosion and sediment controls:

- All control measures shall be inspected at least once each week and following any storm event of 0.5 inches or greater in a 24 hour period using the "Construction Duration Inspection Form". A copy of this form is included in the "inspection forms" section of this plan.
- A copy of the signed Notice of Intent (NOI) must be posted onsite, in a publicly accessible location.
- A copy of the SWPPP and the SPDES general permit must be retained at the construction site.
- A summary of the project area inspection activities shall be posted monthly in a publicly accessible location. A copy of the "Monthly Inspection Summary Form" is included in the "inspection forms" section of this plan.
- The operator shall prepare a written summary of the SWPPP's status with respect to compliance with the general permit (GP-02-01) at a minimum frequency of every three months during which coverage under the permit exists. The summary should address the status of achieving each component of the SWPPP. A copy of the "Monitoring, Reporting and Three-Month Status Inspection Form" is included in the "inspection forms" section of this plan.
- Prior to filing of the Notice of Termination or the end of permit term, the Operator shall perform a final project area inspection. This inspection shall certify that the project area has undergone final stabilization using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed. A copy of the "Final Stabilization and Retention of Records Inspection Form" is included in the "inspection forms" section of this plan.
- All measures shall be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report or as ordered by the owner's representatives.
- Built up sediment shall be removed from any silt fence when it has reached one-third the height of the fence.

- Sediment fencing shall be inspected for depth of sediment, and tears, to see if fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- The construction entrance shall be cleaned of sediment and redressed when voids in the crushed stone become filled and vehicular tracking of sediment is occurring.
- Dust shall be controlled on access points and other disturbed areas subject to surface dust movement and blowing.
- Inspection of diversion swales shall be conducted to check condition of swale.
- Inspection must verify that all practices are adequately operational, maintained properly and that sediment is removed from all control structures.
- Inspection must look for evidence of soil erosion on the site, potential of pollutants entering drainage systems, problems at the discharge points, and signs of soil and mud transport from the site to the public road.
- The site operator or superintendent shall select the individuals who will be responsible for the inspections, maintenance, repair activities, and filling out the inspection and maintenance report.
- Personnel selected for inspection and maintenance responsibilities shall have received proper training in all the inspection and maintenance practices necessary for keeping the erosion and sediment control used on-site in good working order.
- The operator shall retain copies of inspection reports submitted in conjunction with this permit and records or all data used to complete the NOI to be covered by this permit for a period of at least three years from the date that the site is finally stabilized.

Post-Construction Inspection and Maintenance Practices

The City of Poughkeepsie will maintain ownership of the site. Long-term inspection forms for the stormwater management practices (included in the "inspection forms" section of this plan) are referenced from Appendix G of the New York Sate Stormwater Management Design Manual.

Inventory for Pollution Prevention Plan:

The materials or substances listed below are expected to be within the project area during construction:

- Portland cement concrete.
- Fertilizers / seeding materials.
- Stone.
- Petroleum based products.
- Silt fence fabric.
- Bonded fiber matrix material.
- HDPE Geomembrane material.

Spill Prevention:

The following are the material management practices that shall be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

Good Housekeeping

The following good housekeeping practices shall be followed within project areas during construction:

- An effort shall be made to store only enough products required to do the job.
- All materials stored within project areas shall be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.

- Products shall be kept in their original containers with the original manufacturer's label.
- Substances shall not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product shall be used up before disposing of the container.
- Manufacturers' recommendations for proper use and disposal shall be followed.
- The project superintendent shall inspect daily to ensure proper use and disposal of materials.

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials:

- Products shall be kept in original containers unless they are not resealable.
- Original labels and material safety data shall be retained.
- If surplus product must be disposed of, manufacturers' or local and state recommended methods of proper disposal shall be followed.
- Material Safety Data Sheets for all hazardous products shall be within the project area for the duration of construction.

Product Specific Practices

The following product-specific practices shall be followed within the project areas:

Petroleum Products

All project related vehicles shall be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products shall be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used during construction shall be applied according to the manufacturer's recommendations.

Fertilizers

Fertilizers used shall be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer shall be worked into the soil to limit exposure to stormwater. Fertilizers shall be stored in a covered or other contained area.

Paints

All containers shall be tightly sealed and stored when not required for use. Excess paint shall not be discharged to the storm sewer system but shall be properly disposed of according to manufacturer's instructions or State regulations.

Concrete Trucks

Concrete trucks shall be allowed to wash out within project areas provided that the contractor provides an area which collects and contains any concrete / slurry material washed from trucks for recovery and disposal at a later time. No concrete / slurry shall be discharged from the property at any time of construction. If such washing is anticipated, the contractor shall submit a plan detailing the control of concrete / slurry to the engineer for approval.

Spill Control Practices

The contractor will be responsible for preparing a project area specific spill control plan in accordance with local and NYS DEC regulations. At a minimum this plan should:

- Reduce stormwater contact if there is a spill.

- Contain the spill.
- Stop the source of the spill.
- Dispose of contaminated material in accordance with manufactures procedures, and NYS DEC regulations.
- Identify responsible and trained personnel.
- Ensure spill area is well ventilated.

Updating the SWPPP:

The SWPPP shall be updated/revised as conditions merit or as directed by the regulating authority. The attached inspection forms included with this document allows for the certification of any updates/revisions.

SWPPP Certification:

Stormwater Pollution Prevention Plan Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision 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 false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Rusty Harris — *Signature*

11/14/06 — *Date*

Contractor's Certification

I certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP for the construction project area identified in such SWPPP as a condition of authorization to discharge stormwater. I also understand that the operator must comply with the terms of the New York State Pollutant Discharge Elimination System (SPDES) general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards.

Signature *Date*

For

Responsible For

Signature *Date*

For

Responsible For

Signature *Date*

For

Responsible For