

August 25, 2011

Chemung County Stormwater Coalition  
851 Chemung Street  
Horseheads, NY 14845

Attn: Jimmie Joe Carl, P.E.

Re: Williams Honda  
945 County Route 64  
Big Flats, NY

Dear Jimmie Joe:

We have reviewed your letter of July 18, 2011 and offer the following comments:

**Stormwater Collection & Conveyance**

1. Stormwater runoff from various portions of the roof sections will be conveyed by roof gutters to roof leaders. The roof leaders and downspouts will discharge underground to the inlets.
2. Sizing calculations for the various inlets and connecting pipes have been completed and are attached.
3. The intent of the proposed grading is to direct all runoff to the inlets located in lower areas. Although the inlets and treatment units have been designed to facilitate a 100-year storm event, should they become overloaded for any reason, the ponding may occur around the inlets. The inlets are not located in travel lanes where ponding water may occur.
4. Additional spot elevations have been added to the grading plan. A concrete curb has been added to the east edge of the proposed pavement to direct runoff towards the north drainage area. An existing earthen berm along the southern edge of the pavement will control and contain the runoff from the south side of the building.
5. Runoff from the paved parking area in Drainage Area 3 will be collected by a storm sewer system and conveyed to the stormwater treatment system.
6. Sizing calculations for the various inlets and connecting pipes have been completed and are attached.

**Stormwater Treatment & Infiltration**

1. The stormwater treatment system manufacturer recommends visual inspection on a 30-day cycle as well as sediment depth inspection, during the construction phase. The 30-day inspection cycle is done to determine the operational status of the unit and determine if a cleaning cycle is necessary as well as to meet any jurisdictional ordinance requirements. More frequent inspections by the owner or owners representatives may occur if required.
2. Routine sweeping and cleaning of the parking lot will most likely occur since the lots themselves are showrooms for the vehicles for sale.
3. According to the owner, vehicle washing will occur within the maintenance bay.
4. Questions regarding the sizing calculations for the treatment units may be directed to the manufacturers engineering department.

NEW YORK OFFICE:  
PO Box 427  
Binghamton, NY 13902  
P: 607.584.0140  
F: 607.584.0139  
hawkeng@hawkeng.com

SHIPPING ADDRESS:  
222 Water Street  
Suite 201  
Binghamton, NY 13901

PENNSYLVANIA OFFICE:  
One Progress Plaza  
Suite 11  
Towanda, PA 18848  
P: 570.265.5266  
F: 570.265.6997  
hawkpa@hawkeng.com

**HAWK ENGINEERING, PC**

5. General installation details for the subsurface detention system were previously provided. Detailed layout drawings have been generated and area attached.

**Operation & Maintenance Plan**

- O&M*
1. Legal binding agreements between the Town of Big Flats and Williams Honda regarding on-site operation and maintenance will require preparation, review and agreement by both parties and is not a part of this document.
  2. See 1. above.
- An Operation and Maintenance Plan for the treatment units and the infiltration system prepared by the manufacturers have been included in the SWPP plan report for reference and include

A sample maintenance contract for the units has also been included. It is anticipated that the owner will contract with one of the manufacturers maintenance companies to provide this service.

**Grading Plan**

- SKH*  
*15 FEB 2003*
1. Additional spot elevations have been added to the Plan. The contours have been reviewed and amended to reflect the grades for the added spot elevations.

**Erosion & Sedimentation Control**

1. A Construction Sequence is included on Page 7 & 8 of the SWPP plan report.
2. Construction details for the temporary erosion and sediment control details are shown on sheet C402.
3. The temporary construction entrances will be off Fisherville Road and have been shown on the Plan sheets along with the silt fencing.
4. Maintenance requirements for each temporary erosion and sediment control device is noted on sheet C402 with each respective device.
5. The construction sequence in the SWPP report indicates the infiltration units to be installed just prior to paving with an additional note to protect the units from sediment build-up until the site is stabilized (or paved).
6. Notes regarding dust control have been added to sheet C402.
7. Typical specifications for topsoil, seeding and mulching have been included in the SWPP report.

If you have any questions, please call me at our Binghamton Office (607-584-0140, ext. 238)

Sincerely,



Ronald P. Cobb  
Project Engineer

cc. Randy Williams