



2GC0260620100824

PUTNAM PUTNAM CO DISTRICT LIBRARY 2GC02606 2010/08/24 DELANCEY, JUDSON OTTAWA



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Putnam County
Putnam County District Library
Construction
Storm Water

August 24, 2010

Ms. Kelly Ward, Director
Putnam County District Library
124 Putnam Parkway
P. O. Box 230
Ottawa, Ohio 45875

Mr. Scott Bodie
Bodie Electric, Inc.
P. O. Box 1043
Fostoria, Ohio 44830

Mr. John Westerheide
Milligan Construction Company
1120 Milligan Court #102
Sidney, Ohio 45365

Dear Ms. Ward, Mr. Bodie and Mr. Westerheide:

On June 24, 2010, Sarah Clement and Judson Delancey inspected the Putnam County District Library at 136 Putnam Parkway, Ottawa (photos taken). The purpose of the visit was to evaluate compliance of the site with the National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges associated with construction activity, Facility ID No. 2GC02606*AG. The inspection was conducted under the provisions of Ohio's water pollution control statutes, Ohio Revised Code (ORC) Chapter 6111. Jay Westerheide, Vice President of Westerheide Developers, was present to provide information on the project. Ohio EPA has record that your three entities are co-permittees on the project.

As a result of the inspection, we have the following comments:

1. At the time of inspection, construction was ongoing. The building was being erected and the land was excavated. Approximately four acres of land were disturbed and barren.
2. A Storm Water Pollution Prevention Plan (SWP3) had been developed for the site and was available, as was a log book. A general overview indicated that the SWP3 had not been kept up to date. The site map did not accurately reflect current conditions at the site. For example, the silt fence on the west side was not shown on the SWP3. *This is a violation of Part III.G of the permit.*

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3. Storm drain inlet protection had been incorrectly installed. The inlet protection lacked lateral support and was sagging inward. Sediment had built up on what appeared to be geotextile placed over the catch basin grate. *Permit Requires:* All erosion and sediment control practices used to meet the conditions of this permit should meet the standards and specifications of the current edition of Ohio's *Rainwater and Land Development Manual* (ODNR) or other standards acceptable to Ohio EPA. *This is a violation of Part III.G.2. of the permit.* Proper inlet protection must be installed and maintained.

Pre-fabricated inlet protection products are available for both yard and curb inlets. They may decrease labor costs, tend to have less installation error, and can be re-usable. Please check with our office on the acceptability of individual products.

4. All temporary or permanent stabilization has not been established. Long-term erosion was evident by the large rills and gullies present. The presence of rills and the amount of weed growth indicate the timeframe for stabilization may have been exceeded.

Permit Requires: Portions of the construction site which will be inactive for more than 21 days must have temporary stabilization initiated within the first seven days. Temporary stabilization is required prior to the onset of winter weather for ground that will be idle over the winter. Permanent stabilization is required within seven days on any portion of the site that has reached final grade or will be idle for longer than one year. Soil stabilization practices shall be initiated within two days on inactive, barren areas within 50 feet of a stream. Permanent seeding and mulching is required before construction activity is completed throughout the entire site. If seasonal conditions prohibit the establishment of vegetative cover, other means, such as mulching and matting, must still be used and maintained until more permanent methods can be implemented. *Failure to do so is a violation of Part III.G.2.b.i. of the permit.* At a minimum, temporary stabilization must be applied to all bare, idle areas of the site.

The bottom and banks of the drainage swales were eroding. Temporary erosion control blankets may be required to stabilize the drainage swales. *Permit Requires:* All erosion and sediment control practices used to meet the conditions of this permit shall meet the standards and specifications of the current edition of Ohio's *Rainwater and Land Development Manual* (ODNR) or other standards acceptable to Ohio EPA. And, operators shall undertake special measures to stabilize channels, outfalls, and prevent erosive flows. *Please see Parts III.G.2. and 2.b.ii, respectively, of the permit.*

5. Staff observed torn and collapsed filter fabric along the south. *Permit Requires:* All control practices shall be maintained and repaired as needed to assure continued performance of their intended function. *This is a violation of Part III.G.2.h. of your permit.* For more information on the correct installation and maintenance techniques for these practices, please see the *Rainwater and Land Development Manual*.

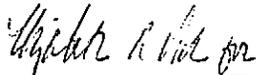
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6. The permit requires that post-construction Best Management Practices (BMPs) are installed during construction to control pollutants in the storm water discharges that will occur after construction has concluded. Such practices may include, but are not limited to: storm water extended detention structures; retention structures; water quality swales; and bioretention areas. Please be aware that the SWP3 must contain a description of the post-construction BMPs that will be installed during construction, including detail drawings, and the rationale for their selection. The rationale must address the anticipated impacts on the receiving stream's channel and floodplain morphology, hydrology, and water quality. Maintenance plans shall be provided by the permittee to the post-construction operator upon completion of construction activities.

Within 10 days of the date on this letter, please submit to this office written notification as to the reasons for the above mentioned comments as well as the actions taken or proposed to prevent any future violations. Your response should include the dates, either actual or proposed, for the completion of the actions. Please provide in writing a description of the post-construction BMPs that will be installed. Your reply shall include the type(s) of practices, the basis for their design, and their installation dates.

If there are any questions, please contact me at (419)373-3009.

Sincerely,



Lynette Habitzel, P.E.
Division of Surface Water
Storm Water Program

/cs

pc: Village of Ottawa
↳DSW, NWDO, File