



State of Ohio Environmental Protection Agency

Southwest District

401 East Fifth Street
Dayton, Ohio 45402-2911

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

April 25, 2007

Mr. Eric Smith
City Manager, City of Englewood
333 West National Road
Englewood, OH 45322

RE: Screening Evaluation - Stormwater Permit- 1GQ10000*AG

Dear Mr. Smith:

On Thursday, March 1, 2007, I met with you and Ken Griffiths, Al Butler, Mike Siehl, Teri Davis and Bill Singer to discuss Englewood's stormwater management program. A "screening level" evaluation was conducted, as opposed to an audit, so the city's current program was not fully assessed for compliance with all permit conditions.

Based on our discussions, I offer the following observations and recommendations regarding Englewood's stormwater management plan (SWMP):

Control Measures 1 and 2 - Public Education, Outreach and Involvement

The city has deferred most of its outreach and education activities to the Miami Conservancy District (MCD), which has agreed to assist municipalities within the Great Miami River watershed with these program requirements. In addition to MCD's efforts, information regarding impacts on water quality from lawn care chemical usage and mowing practices was included in a city-published newsletter that reaches more than 11,000 local residents. (Should this be residences? The population of the area in question is more than 11,000.) Note that statements to this effect in the recent annual report should be moved to minimum control measure #1.)

Recommendations: Future stormwater management plans and annual reports should specify which of the education/outreach activities developed by the MCD and listed in the plan are relevant to Englewood. Some activities, such as the Butler County WaterFest, are questionable in terms of their benefit to Englewood residents.

Control Measure 3 - Illicit Discharge Detection and Elimination

Englewood has inventoried its storm sewers and respective outfalls, and has completed maps of the system. Placards and other materials needed for marking storm sewer inlets have been purchased, and will be installed through the summer of 2007.

Because instances of illegal dumping in city storm sewers are rare, Englewood has not created a specific illegal discharge ordinance. While OEPA concurs that illegal discharges

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MAX GUTMANN

3155 El-Bee Road
Dayton, Ohio 45439

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November 29, 1984

DEC 3 1984

Environmental Protection Agency
SOUTHWEST DISTRICT

Mr. Robert F. Endress
Public Wastewater Group
Ohio EPA
Southwest District Office
7 East Fourth Street
Dayton, Ohio 45402-2086

Dear Mr. Endress:

Please find enclosed plans as prepared by Dayco Plumbing,
Inc. I have reviewed these plans and find them acceptable

to storm sewers are infrequent, it still expects a legal mechanism to be in place to address chronic sources, assuming initial efforts to stop discharges are unsuccessful.

The vast majority of homes and businesses in the city are connected to public sewers. The small number of homes on septic systems are not believed to be causing problems because soil conditions are suitable for standard tank and leach field systems. The location of these homes is such that they will not be sewerred, at least in the near future.

Recommendation: Draft an illicit discharge ordinance and include a copy in the 2007 SWMP annual report. Proceed with installation of "do not dump" signs on storm sewer inlets. Include on storm sewer map areas where homes are not connected to public sewers, and, if applicable, compile a list of home sewage treatment systems that discharge into Englewood's storm sewer system.

Control Measure 4 - Construction Ordinance

Because of lingering snow cover, a joint inspection at an active construction project within the city was not conducted at the time of the evaluation. Englewood's construction ordinance, based on a model created by the Miami Valley Regional Planning Commission, was initially adopted in 1972, making it one of the earliest such ordinances in the area. It was explained that city inspectors visit active sites pretty much every day, though specific details of erosion control inspections were not being documented. Enforcement actions are rare, but Englewood's ordinance allows the city to withhold issuance of certificates of occupancy for new structures until final stabilization of disturbed soils has been completed.

Recommendation: The findings of erosion control inspections should be documented and kept until projects have been completed. Submit figures for numbers of construction projects that have been reviewed by the city since phase II stormwater regulations were enacted, and include this information in future annual reports.

Control Measure 5 - Post Construction Stormwater Management Controls

Currently Englewood only requires implementation of post construction stormwater controls at new development projects on a case-by-case basis. Technically, post-construction controls are to be implemented at all new developments exceeding 5 acres in size. Because Englewood is in a rapidly developing watershed, implementation of post-construction stormwater controls was supposed to start in March 2006.

Recommendation: The city should rewrite the relevant section of its construction ordinance to incorporate post-construction stormwater management requirements. The intent of these requirements is to "treat" a certain portion of runoff from a site to remove pollutants. In lieu of ordinance changes, Englewood's stormwater management plan should be modified to describe situations in which post construction runoff controls are required, and situations in which they will not be required.

Control Measure 6 - Pollution Prevention for Municipalities

Englewood has adopted strategies for reducing the amounts of salt spread on roads for snow and ice removal, and has experimented with alternative materials such as brine and sugar beet juice. Use of fertilizers and pesticides/herbicides at parks or other city-

To Mr. Mike Delaney, Montgomery County Sanitary Engineering Date June 11, 1985

From Bob Streifthau *Bob*

FORM 1

Thanks for advising me about the South Holes Creek Sewer Project. The health district issued permits for on-site systems for three relatively large sewage producers with the understanding that sanitary sewers would be available for connections within a couple of years. It didn't turn out this way. Therefore, the health district strongly encourages that the proposed sewer project include the following three properties:

- 10501 Success Lane
- 10561 Success Lane
- Yankee Street (N.D.M. Corporation)

Enclosed are health district records concerning the sewage disposal systems on these properties. Please let me know if you have any questions by calling 225-4426.

RECEIVED

cc: Bob Endress, OEPA

JUN 17 1985

Environmental Protection Agency
SOUTHWEST DISTRICT

[Handwritten signature]

B. Endress

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maintained properties is not being tracked, though the amounts involved are not believed to be significant. Certain city employees are trained in materials usage and proper waste handling techniques, and Englewood is periodically evaluated by the Miami Valley Risk Management Agency for its handling and management of various materials.

Recommendation: Maintain records of employee attendance at relevant training sessions. Track amounts of fertilizers, pesticides and herbicides that are applied to city owned properties, and keep documents that show applicators, if required, are certified.

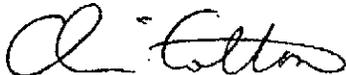
Conclusions

Based on this screening review, it appears Englewood is doing a satisfactory job addressing stormwater management issues within its boundaries. The main concern appears to be that post-construction runoff management requirements are not being imposed at all new developments. The city's stormwater management plan must explain how it will meet these requirements as outlined in its NPDES stormwater discharge permit, or explain how it determines which sites are subject to post construction requirements. At some point the city may wish to rewrite its stormwater management plan to incorporate relevant post construction information, in addition to other recommendations made in this letter.

Future plans and annual reports may be submitted electronically, with a cover sheet bearing an original signature submitted separately. Hardcopies of documents should be duplex printed to save paper and file space.

If you have questions about this evaluation or any of the information contained in this letter, please contact me at (937) 285-6442 or via email at chris.cotton@epa.state.oh.us.

Sincerely,



Chris Cotton
Division of Surface Water

cc Anthony Robinson, OEPA/DSW/CO
OEPA/SWDO/DSW Files

751200

CC/plh

Sarle, Ned

From: Sarle, Ned
Sent: Thursday, September 22, 2011 3:26 PM
To: 'doodooguro@fuse.net'
Subject: Rowe Sports Complex

Mr. Donald Rehm
Enviro-REH-Flow, Inc.
P.O. Box 654
Ross, Ohio 45061

Re: Butler County, Rowe Sports Complex, Inc., PTI Application

Dear Mr. Rehm:

On September 19, 2011, the Ohio EPA received the detailed plans of the mound system for the Rowe Sports Complex, Inc. in Madison Township. At this time, I have completed my initial review of these plans. The following items will have to be addressed before I will be able to continue my review of the detailed plans:

On-site Data Sheet

1. On page 1 of 3, number 2, please provide the justification of using 1.6 gpd per participant. Please also indicate if this estimate also addresses spectators.
2. The design flow rate provided in section 2 and 12 (b) do not agree. Please indicate which flow figure is correct.

Engineering Plans

1. The engineering plans must be stamped by you. This was not done.
2. Concrete sand is indicated as being used for this project. Please confirm that this material will have an effective size of 0.15-0.3 mm and a uniformity coefficient between 4-6.
3. The proposed mound is 62 feet long. My calculations based on a design flow rate of 380 gpd indicates the mound system should be 82.83 feet long. Please confirm the design flow rate of the mound system and the proposed mound system length.

A written response addressing all areas discussed in my correspondence should be submitted. In addition, you are required to submit three complete sets of revised engineering drawings and two copies of Form B2.

If you have any questions or comments, please contact me.

Ned Sarle
Ohio EPA, Southwest District Office
Division of Surface Water
401 East Fifth Street
Dayton, OH 45402-2911

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