

EROSION AND SEDIMENT CONTROL REPORT



Project:
3777.400
Tim Osmond Sports Complex
Antioch, Il. 60002

Client:
Antioch Township
1625 Deep Lake Rd.
Antioch, Il. 60002

Consulting Engineers
and Surveyors
Civil, Municipal, & Traffic
820 Lakeside Drive, Suite 5
Gurnee, Illinois 60031
tel 847 855 1100 fax 847 855 1115
www.gha-engineers.com

Construction Manager:
Gewalt Hamilton Associates, Inc.
820 Lakeside Dr., Suite 5
Gurnee, Il. 60031

General Contractor:
DK Contractors Inc.
11013 122nd, St.
Pleasant Prairie, WI. 53158

Project Manager: Michael T. Shrake, P.E.

Day & Date: Friday, May 2, 2008
Last Visit: Friday, April 25, 2008

Current Weather: Drizzle 60's

Reason for Visit: Weekly >0.5" Rainfall

General Site Information:

Enforcement Officer: James Keim, P.E.
WDO Permit #:
NPDES Permit #:
USACE Reference #:
Wetland Impacted: Yes No N/A
Comments:

Stage of Construction:
Floodplain Impacted: Yes No N/A
Photos Taken: Yes No N/A
Water Sample Taken: Yes No N/A

Landscaping
 Yes No N/A
 Yes No N/A
 Yes No N/A

General Erosion Control Observations:

Are Best Management Practices (BMP's) being used: Yes No N/A
If No, then what BMP's are recommended:

General Sediment Control Observations:

Are Best Management Practices (BMP's) being used: Yes No N/A
If No, then what BMP's are recommended: *Seal opening of north 30" culvert in basin so water will filter thru perforated riser.*
Is hydrocarbon technology in place, functional and maintained where needed: Yes No N/A

General Storm Sewer Observations:

Storm Sewer: Complete Not Complete N/A
Outfall Structure: Complete Not Complete N/A
Overflow: Complete Not Complete N/A
Restrictor: Complete Not Complete N/A
Comments:

Detention Basin Observations:

Are the detention basin(s) built: Yes No N/A
Are the detention basin(s) adequately stabilized: Yes No N/A
Comments: *Erosion blanket has been installed.*

Sediment Basin Observations:

Are the sediment basin(s) built: Yes No N/A
Are the sediment basin(s) adequately stabilized: Yes No N/A
Comments: *Erosion blanket has been installed.*

Dewatering Observations:

Is dewatering directly entering a waterway or wetland: Yes No N/A
Are dewatering activities conveying sediment-laden water: Yes No N/A
Are appropriate dewatering BMP's in place and functioning effectively: Yes No N/A
Comments:

Wind Erosion Observations:

Are dust control measures being used as needed: Yes No N/A
Is dust observed moving offsite due to wind: Yes No N/A
Are roadways being swept when needed: Yes No N/A
Comments:

Inlet Protection Observations:

Are all storm sewer inlets protected: Yes No N/A
Is the inlet protection installed correctly to protect the entire inlet: Yes No N/A
Is the inlet protection being maintained: Yes No N/A

Comments:

Silt Fence Observations:

Does the silt fence meet the AASHTO 288-00 Standard: Yes No N/A
Is the silt fence installed properly: Yes No N/A
Is the silt fence maintained and in good condition: Yes No N/A
Is silt fence installed in all areas shown on the permitted plans: Yes No N/A
Comments:

Overland Flow/Offsite Drainage Observations:

Are all permitted overland flow routes constructed: Yes No N/A
Are all permitted overland flow routes free from obstruction: Yes No N/A
Are all permitted overland flow routes stabilized: Yes No N/A
Are all pre-construction overland flow routes protected: Yes No N/A
Are all pre-construction overland flow routes free from obstruction: Yes No N/A
Are all points of offsite drainage (i.e. water leaving the site) stabilized: Yes No N/A
Comments: *Complete stabilization of overland flow areas. Install rip rap downstream of twin 30" culverts.*

Perforated Riser Observations:

Is the perforated riser installed: Yes No N/A
Is the perforated riser sized correctly (one pipe size smaller than the outlet pipe): Yes No N/A
Is the perforated riser wrapped with and filter fabric: Yes No N/A
Is the perforated riser adequately mortared in: Yes No N/A
Is there an adequate amount of stone at the base of the riser: Yes No N/A
Comments: *Remove sediment from filter fabric.*

Site Stabilization Observations:

Have all disturbed areas been stabilized with temporary or permanent measures within 14 days of the end of active hydrologic disturbance: Yes No N/A
Are stabilization measures effective: Yes No N/A
Are there areas of disturbance that need additional stabilization measures: Yes No N/A
Comments: *Complete stabilization of all disturbed areas.*

Soil Stockpile Observations:

Is the soil stockpile located in an approved location (i.e. not in floodplain or wetland): Yes No N/A
Is the soil stockpile adequately stabilized: Yes No N/A
Is the soil stockpile properly enclosed with silt fence: Yes No N/A
Comments:

Construction Entrance Observations:

Are all ingress and egress points covered by a temporary construction entrance: Yes No N/A
Is the entrance constructed with 3" coarse aggregate: Yes No N/A
Has an appropriate geotextile material been installed underneath the stone: Yes No N/A
Is the entrance appropriately sized, both in width and length: Yes No N/A
Is the entrance preventing mud from tracking onto roadways: Yes No N/A
Comments: *Entrance has been paved.*

Wetlands and Waters Protection Observations:

Are all delineated wetlands protected by 4' IDOT Standard Construction Fencing: Yes No N/A
Are all adjacent offsite wetlands protected from impact: Yes No N/A
Are illicit discharges into wetlands or bodies of water being prevented: Yes No N/A
Are wetland buffers protected: Yes No N/A
Comments:

Miscellaneous Observations:

Is there a receptacle on site for deposition of construction material debris: Yes No N/A
Is there a dedicated, protected area for concrete wash out activities: Yes No N/A
Is the SWPPP plan available on site: Yes No N/A
Have any SE/SC measures that are no longer needed been removed: Yes No N/A

Summary: *Re-pin erosion blanket in basin area. Remove sediment from fabric of perforated riser. Seal opening of north 30" culvert in basin so all storm water will flow thru perforated riser. Install rip rap downstream of twin 30" culverts. Complete stabilization of all disturbed areas.*

Report by:
Ron Nissen
Sr. Technician, DECI



Figure 1-Pre-treat area.



Figure 2-Place rip rap downstream of twin 30" culverts.



Figure 3-Stabilize area south of the basin.



Figure 4-Re-pin erosion blanket in basin area, remove sediment from riser fabric, and seal opening of the north culvert so all storm water will flow thru the perforated riser.