

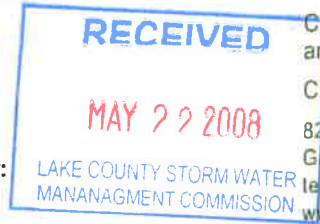
EROSION AND SEDIMENT CONTROL REPORT

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

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

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



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

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

Day & Date: Thursday, April 3, 2008
Last Visit: Thursday, March 20, 2008

Current Weather: Cloudy 40'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: Landscaping
Floodplain Impacted: Yes No N/A
Photos Taken: Yes No N/A
Water Sample Taken: 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:
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: *Remove sediment from inlet protection at SS#6 and SS#17.*

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: *Repair silt fence downstream of twin 30" culverts.*

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: *Re-install riser at flared end section SS#11. Re-set riser to vertical position in 30" PVC culvert.*

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 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: *Stockpile has been respread.*

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-install perforated riser in flared end section SS#11. Re-set perforated riser to vertical position in 30" culvert. Remove sediment from inlet protection at SS#6 and SS#17. Repair silt fence downstream of twin 30" culverts. Install rip rap downstream of twin 30" culverts. Complete stabilization of all disturbed areas.*

Report by:
Ron Nissen
Sr. Technician, DECI



Figure 1-Place rip rap downstream of twin 30" culverts.



Figure 2-Repair silt fence downstream of culverts that was over run by water.



Figure 3-Re-set perforated riser to vertical position in 30" culvert.



Figure 4-Re-install perforated riser in pretreat area.