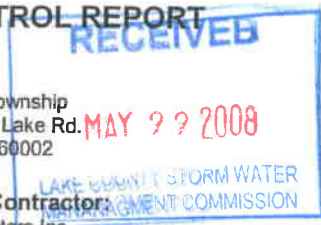


EROSION AND SEDIMENT CONTROL REPORT



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: Saturday, April 12, 2008
Last Visit: Thursday, April 3, 2008

Current Weather: Drizzle 30's

Reason for Visit: Weekly >0.5" Rainfall

General Site Information:

Enforcement Officer: James Kelm, 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:

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:

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: *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-Install rip rap downstream of 30" culverts.



Figure 2-Repair silt fence downstream of 30" culverts.



Figure 3-Perforated riser has been re-set to vertical position in basin.



Figure 4-Perforated riser has been re-installed in pre treat area.