

MEETING MINUTES

Meeting Date: March 6, 2012

Project: SUNY Cortland – Student Life Center

Attendees:

David Rice, SUCF

Daniel W. Donlon, SUCF

Patrick Reidy, Cortland County Soil & Water Conservation District

Chris Bistocchi, Public Works, City of Cortland

Mack Cook, City of Cortland

Jeffery Lallas, SUNY Cortland

Joseph Westbrook, SUNY Cortland

Salman Moazzam, Fisher Associates

Dan Yanosh, Fisher Associates

Benjamin Brazeli, EDR Companies

DISCUSSION:

- Fisher Associates presented the current conditions of the site and overview of the proposed stormwater management plan. The existing site comprises of an athletic track, walkways, roads, parking and tennis courts. The proposed site will replace the athletic track with the Student Life Center building.
- The proposed stormwater plan includes catching the runoff from new building roofs and routing it to three levels of treatment system. The runoff goes through forebay facility where larger particles are settled down. Then, the runoff passes through bioretention facility where 30 inches of soil media filters the stormwater. An additional layer of sand filter has been provided underneath the soil filter media to provide another level of cleaning before the stormwater gets infiltrated to ground water. For higher storm events, an underground storage/filter tank has been provided. Excess water from bioretention area will be passed to this tank. A sand filter layer has been provided around the tank.
- Three parking lot areas have been selected on site to be considered as porous pavement lots. Porous pavement sections have been designed per NYS DEC requirement with enough storage in stone layers. A sand filter has been added as the final filtering layer.
- The offsite water from Pashley Drive will be conveyed to an underground storage tank in the northeastern part of the site. The existing storm system comprises of manholes with no proper bottoms. These manholes act like dry wells/injection wells infiltrating storm water without much treatment. The stormwater management plan includes removal of some dry well manholes onsite.
- For sidewalk and walkways around the building, infiltration trenches have been proposed.
- City of Cortland has concerns about the northwestern porous pavement section as there is a city well in the close vicinity. Fisher to see if the pavement section can be graded to divert the storm drainage towards bioretention facility and remove the porous pavement from the northwest corner of the site.

- With the proposed concrete at the forebay bottom, Pat Reidy (Cortland County) asked if the storm water can infiltrate out of forebay from the sides. Fisher Associates will provide the impermeable liner to seal any potential migration of water from the sides.
- Pat Reidy indicated that water tight pipes have worked well in the recent projects. There is a potential of losing lot of water through the pipe joints. Salman Moazzam indicated that there are few proposed pipes. Fisher Associates will look into specifying water tight pipes.
- Porous pavements required vacuuming every 6 months. Fisher to include a maintenance and operations plan as part of the SWPPP. Fisher will also provide a typical cost for such cleaning to SUCF.
- The proposed stormwater management system cleans the water and slows the infiltration rate. The overall system has no effect on the existing flooding of Otter Creek.
- The group agreed that the proposed stormwater management plan provides adequate handling of stormwater runoff from the proposed site. The plan satisfies concerns from Cortland County and City.
- Fisher Associates will adjust and revise the plans as discussed in the meeting. SUCF will provide revised copies of plans to the attendees.