

Stormwater Technical Sub-Group Meeting

Thursday, August 21, 2003

Draft Meeting Summary

Attendance: Ann Archino Howe, Carl Beal, Dave Bragg, Pat Clark, Jeff Edelstein, Dave Kamila, Peter Newkirk, John Simon. DEP Staff: Mary Breton, Jeff Dennis, Marianne Hubert, Art McGlaufflin, Hetty Richardson, Dave Waddell, Don Witherill

Marianne Hubert reviewed the issues to be discussed. The meeting was focused, for the most part, on stormwater quantity concerns; i.e., how to protect stream channels from impacts due to increased flows from stormwater runoff. Much of the discussion was on discharge through a buffer. The following issues were discussed.

- Acceptable size of watershed/impervious area discharging to a buffer.
- Appropriate buffer sizing for soil type and slope
- Size and number of level spreaders
- Effectiveness and construction of a level spreader

After much discussion on the above topics, Jeff Dennis discussed the possibility of having John Simon do a research project to evaluate buffer standards. The project would include an investigation of available information on the stormwater storage and treatment capabilities of grass and wooded buffers and on the key variables effecting buffer effectiveness. After the investigation, a critique of the Department's current method of determining buffer effectiveness and, if indicated, an evaluation of possible alternatives with recommendations for modifications. There would also be an analysis of the variables that effect a buffer's ability to provide effective stormwater quantity control and a recommended method for buffer sizing that assures that the buffer's capacity to provide adequate quantity control, both from a stream channel protection and flood prevention perspective, will not be exceeded. The group agreed that this would be a beneficial project.

There was a discussion on extended detention ponds. There was much concern that if municipalities and DEP have different standards it could be extremely difficult, if not impossible, for both standards to be met. The discussion on extended detention ponds will continue at the next meeting.

The next meeting will be held on Wednesday, September 17, 2003.