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## Cold Brook Crossing Stormwater Report

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Mon, Jun 1, 2020 at 3:41 PM

To: "Duchesneau, Adam" &lt;DuchesneauA@sudbury.ma.us&gt;

Cc: Bill Henchy &lt;whenchy@alumni.tufts.edu&gt;, "Matthew Leidner (matt.leidner@cdgengineering.com)" &lt;matt.leidner@cdgengineering.com&gt;

Bcc: Joseph Hakim &lt;jehakim@optonline.net&gt;, Christopher Kennedy &lt;chris@northbankandwells.com&gt;, Ike Saunders &lt;ike@northbankandwells.com&gt;

Adam -

From the stormwater report submitted with the Site Plan Application (page 453 of 468), there is a section on Porous Pavement which reads:

**Porous Pavement**

Porous pavement is a paved surface with a higher than normal percentage of air voids to allow water to infiltrate directly into the soil and receive water quality treatment. It is used for sidewalks throughout the Apartments at Cold Brook Crossing and Cold Brook Crossing and for parking lots and drive aisles within the Apartments at Cold Brook Crossing. It is also used for the driveway and parking spaces associated with the Waste Water Treatment Facility. Since the pavement itself acts as pretreatment to the stone reservoir below, frequent cleaning and maintenance of the pavement surface is critical to prevent clogging.

Inspection Frequency: Quarterly

Inspection Tools: None (all visual)

Items to Inspect: Inspect the surface for deterioration or spalling; perform at least one of the inspections during a rain event to confirm that the water infiltrates into the pavement surface

Maintenance Threshold(s): Jet wash porous pavement surfaces twice per year, increasing the frequency if needed to ensure proper functioning of the pavement; clean the surface using vacuum sweeping machines monthly

Maintenance Equipment: Jet washer, vacuum sweeper

Other Considerations: No sanding shall be conducted on the porous surface; salt and deicing chemicals shall be used at the minimum acceptable rate to ensure safety; keep adjacent landscaped areas well maintained to prevent soil from being transported onto the pavement; never reseal or repave with impermeable materials

If you could please bring this to the attention of Chairman Garvin I would appreciate it.

Thank you.

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