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Why Should You Inspect and Maintain Your BMP's

Symptoms of Neglected BMP's (Best Management Practices)

- Reduced capacity to treat storm water runoff
- Undesirable vegetation growth
- Debris and trash build up
- Animal borrows
- Erosion
- Shorten lifespan of the BMP
- Failing outlet structures





Examples of Neglected BMP's

Erosion



Unwanted Guests



Erosion along the riprap edges
Sloughing of the pond embankment



- Separated joints of storm sewer discharging to the pond
- Blockage of the downstream storm sewer system from the pond



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- Erosion upstream of the rain garden
 - Unwanted vegetation
 - Erosion at the rain garden outlet



Evidence of unwanted guests
Sloughing of pond embankment



Garbage around the pond perimeter
Failed pond outlet structure

Why Should You Inspect and Maintain BMP's?

- Maintain the BMP's ability to treat and/or store storm water runoff.
- Prevent costly maintenance repairs.
- Maintain compliance with the conditions for the approval of the development.





- City project to correct erosion of the pond banks, eviction of unwanted guest, replacement of pond outfall structures, vegetation removal, and re-setting storm sewer outfalls to the ponds.





Why Maintain your BMP's?

Well Maintained BMP's



Manage the peak rate of runoff, improve water quality, and reduce or eliminate the amount of pollutants that enter surface waters.



Examples of Surface Waters

Pewaukee Lake
Wetlands
Pewaukee River



Compliance

- Comply with the City's Post-Construction Storm Water Management Program
 - The City's new DNR permit requires the City to inspect municipal and privately owned ponds constructed since March 31, 2005, once every 5 years.
 - City is required to enforce long-term maintenance requirements and to ensure the BMP's are functioning as intended.



What Happens if the BMP's are not Maintained?

The City will notify the responsible party of any deficiencies found from an inspection of the BMP's.

Provide a reasonable time frame to complete any repairs.

If the repairs are not completed, the City may:

- Issue a citation to the responsible party for each day the repairs are not completed.
- Perform the corrective actions identified in the inspection report and assess the responsible party for the cost of the work.



Questions?