



Excess Algae



Pet Waste and Wildlife



<http://www.geeserelief.net/>

Lawn Care Products and Car Wash



Washing Vehicles on the lawn helps prevent soap from washing into the storm drain.

Use lawn care products, such as fertilizer, with care.



<http://sunnymesainfo.wordpress.com/>

General Information

Nutrients added to an aquatic environment can cause excessive algae growth and as the algae die the rate of decomposition increases causing the oxygen to dramatically decrease. This is known as eutrophication and is harmful to fish and other aquatic organisms. Phosphorous and nitrogen are two main contributing nutrients that are associated with eutrophication. They are found in products used for lawn care, detergents, car wash and animal waste including pets, livestock and wildlife. Flocks of geese in urban settings especially are becoming more of a concern because of their large numbers.

Best Management Practices

- Use lawn care products with reduced or no phosphorous or nitrogen.
- Read and follow directions carefully when applying lawn care products.
- Do not wash vehicles where the soapy water will go into the storm drain. Areas that have porous pavement or lawns are more appropriate because the soapy water is infiltrated into the soil.
- Clean up and properly dispose of pet waste and manage livestock to prevent them from entering water bodies.
- Take necessary steps to control wildlife populations including geese and don't encourage concentrated feeding of these animals.

Additional Information

EPA

<http://water.epa.gov/scitech/swguidance/standards/criteria/nutrients/problem.cfm>

NYSDEC

Section 2.1 of the 2010 NYS Stormwater Management Design Manual - <http://www.dec.ny.gov/chemical/29072.html>

<http://www.dec.ny.gov/chemical/69489.html>

Other

<http://icwdm.org/handbook/birds/CanadaGeese/HumanHealthWater.aspx>