



**Environmental Services**  
9850 64th Street West  
University Place, Washington 98467-1078  
(253) 798-4050 Fax (253) 798-4637

September 18, 2007  
WP54551

Unique ID # 1377

Carolyn Tucker  
Bridgewood Estates Homeowner's Association Phases I & II  
7512 Stanich Ave #5  
Gig Harbor, WA 98335

Subject: Maintaining Your Storm Drainage Facilities.

Dear Homeowner/Homeowner Association Representative/Management Company/Renter:

It is important that as homeowners in Pierce County you take the time to evaluate and inspect your storm drainage systems. Our records show that you are the current homeowner or management company within this Plat. As such, you are responsible for the quality of the stormwater discharge from your property as noted on the Final Plat for your sub-division. The Pierce County Department of Public Works and Utilities is responsible for the operation and maintenance of the storm sewers outside of your area. To protect our facilities and the environment, we have responsibilities to minimize the discharge of certain incompatible materials to the storm drainage system. To prevent the discharge of these materials, the County passed Ordinance 96-47 adopting Chapter 11.05 of the Pierce County Code, Illicit Storm Water Discharges for all sites built after 1996. Prior to 1996, all other plats fall under Ordinance 99-24S, section 17A.40.020. Responsibility for a site is noted on the Final Plat which states: "Each and every lot owner will be responsible for the maintenance of all roads and storm drainage systems associated with the plat. They will also be collectively responsible for the controlling of all stormwater runoff that will be created by the development of this plat."

On *September 5, 2007* Pierce County Water Programs performed a site inspection of Bridgewood Estates Phases I & II. At this time, it is recommended that routine maintenance be performed on your storm drainage system:

1. All catch basins require maintenance to remove excessive sediment. Please inspect all inlet/outlet pipes to these structures and clean out if necessary.
2. Area around pond needs to be cleared from berry vines and other thick vegetation.
3. Pond is not accessible for inspection due to excessive vegetation. Please remove berry vines and thick vegetation from the exterior and interior parameter of pond.



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Here are some helpful guidelines to use when inspecting and performing maintenance on your system:

**If sediment or debris in catch basins is more than 60% the depth from the bottom of the basins to the bottom of the lowest pipe into or out of basins, sediment should be removed from structures.**

**Control Structures (usually associated with ponds) should have sediment and trash removed. Make sure the orifice is not blocked, gate is water tight, and works as designed. The gate should move up and down easily. The chain is in place and works as designed. The manhole is covered and locked.**

**Retention/Detention/Infiltration Ponds and Biofiltration Swales should have outflow pipes clear from vegetation and debris. No contaminants or pollutants should be present.**

Also, as a private homeowner, there are some simple things that you can do to avoid excessive sediment and pollutants from reaching your storm drain system. They are as follows:

**After a major rain event, check catch basins to make sure that water is flowing properly. Remove the build-up of leaves and pine needles from top of grates.**

**All residents in the development should cover all unused landscaping materials with tarping. For example, cover loads of bark, top soil, wood chips, and small gravels. A small amount of erosion control can help prevent catch basins from needing more frequent cleanings.**

**All residents need to clean small oil leaks from cars, mowers and other gas powered tools immediately with either kitty litter or absorbent pads. Both kitty litter and pads should be removed and disposed of properly within hours of leakage. This will prevent oil from entering the storm drain system.**

**Avoid sweeping or washing debris from driveways and blowing grass clippings into catch basins. Sweeping, picking up and disposing of debris properly is encouraged.**

As a Homeowner, Management Company, or Renter, a properly maintained storm drainage system can reduce your Stormwater Service Charge by as much as 85 percent. Credits to the Stormwater Service Charge can be received by meeting the requirements of Pierce County Code Section 11.02.050B. For information on receiving stormwater credits call the Stormwater Billing Department at (253) 798-4050.

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Based upon the results of our investigation it is recommended that you implement structural and non-structural Best Management Practices. This includes maintenance of existing stormwater facilities necessary to keep your stormwater discharge in compliance with Pierce County Code 11.05.040, which prohibits the discharge of pollutants into the Pierce County's public stormwater drainage system.

**Your site will be re-inspected within (30) thirty days from the date of this letter. Please contact me when you have completed the requested maintenance.**

The storm water manual is a helpful guide for developing regular maintenance program for your development. To download a manual explaining maintenance practices go to [www.piercecountywa.org/PRIFACMAN](http://www.piercecountywa.org/PRIFACMAN).

If you have questions or would like to meet to discuss your storm drainage system, please email me at [cjohnso@co.pierce.wa.us](mailto:cjohnso@co.pierce.wa.us) or call me at (253) 798-4663. However, if you are part of a current Homeowners' Association or Property Management Company which maintains this site, please notify your representative and have them contact me.

Thank you,



Clarence Johnson  
Pierce County Water Programs  
Engineering Technician III

CJ:lw

Enclosure:   Courtesy Contractors List  
                  BMP 3.5 Catch Basins

cc:   File

Apex

Drain Company, LLC

Andy Sturdivant  
General Manager

Naomi Friedrichson  
Bridgewood Estates phases I, II & III  
25<sup>th</sup> St, 28<sup>th</sup> St and Jahn Ave NW  
Gig Harbor, WA 98335

March 19, 2008

RE: Proposal for storm drain cleaning and pond vegetation removal.


**PROPOSAL**

We propose to furnish all materials and labor to perform work upon designated areas. Apex Drain Company will notify the customer of any problems or change of conditions. Disposal of waste will be in accordance with all state regulations, and any additional work found during the course of cleaning and inspection, will be forwarded upon another proposal.

➤ Clean the storm drains for maintenance.  
➤ Check the inlet and outlet pipes.  
➤ Haul waste material to an approved disposal facility.  
Price...\$8595 (Plus 5% fuel surcharge) = \$9024.75 plus tax

➤ Cut the debris away from the storm ponds. (two each)  
➤ Haul vegetation off site to disposal facility.  
➤ Use chipper to remove the smaller diameter trees.  
➤ Clean the buildup away from the inlet and outlet pipes.  
Price...\$ 3300 (Plus 5% fuel surcharge) = \$3465 plus tax

Submitted by:



Andrew Sturdivant – Apex Drain Company – PO Box 485 - Eatonville, Washington  
98328 Office: 1-866-451-8610 Cellular: 253-590-3048 Fax: 360-832-1057

**Acceptance of Proposal:**

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are hereby authorized to perform the work as specified. Payment will be made within 30 days upon completion of work.

P.O. Box 485 Eatonville, WA 98328 ~ 253.590.3048 ~ 866.451.8610

253-853-6596