



Hartstene Pointe Water – Sewer District

Water-Sewer Update

May/June 2012

Commissioners

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District Office

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(360) 427-2413
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Customer Service

Account information - 7:30 am-4:30 pm
(360) 876-2545,
customer_service@wsud.us
After Hours Emergencies
(360) 876-2545

Board of Commissioners meetings are held on the 2nd & 4th Thursdays of the month at 1 PM in the District Office. All meetings are open to the public.

Hartstene Pointe Water-Sewer District is not associated with or governed by the Hartstene Pointe Maintenance Association. Please direct water-sewer service related questions to HPWSD.

Hartstene Pointe Water Sewer District is an equal opportunity service provider

Building Moratorium Lifted for Hartstene Pointe Community

The Washington State Department of Health has approved the completion of the booster pump project which will allow the District to add new connections to the water system; lifting the residential building moratorium imposed in October of 2008.

The booster pump will allow the District to access more of the stored water in the reservoir. In addition, water pressure can be maintained at 30 psi for all customers under conditions of higher than normal use and if the reservoir is drawn down quickly.

District Commissioners thank those property owners who have waited patiently to build their piece of paradise in our community. If you are planning to build, please contact Mont Jeffreys, (360) 427-2413 or gm@hpwatersewer.com for an application and information.

Meter Installation Project Stalled by Hard to Find Service Locations

After a very fast start, meter installations slowed down significantly as the last customer connection points were located. The last 40 connections required the use of specialized locating services increasing the cost per meter installed.

Customers are reminded to please keep meter boxes uncovered and unobstructed for quick and easy access by District personnel.



District Faces Unanticipated Well Development

After investigating reports of air in the water distribution system, the operator found the well screen for well no. 1 had become clogged with fine materials preventing sufficient water to enter the well casing. Well no. 1 is the system's lead well of the two developed wells. The well was dug and screened in 1964 and after 48 years of service, may have outlived its usefulness as the primary water source.

The cost benefit of replacing the screen and well pump versus developing a new water source has prompted Commissioners to move forward with digging a new well in the same proximity. A third well had been drilled in 1975 at the same time as well no. 2 but it was never fully developed for water production. Well no. 3 will be tested for production and water quality to ascertain if it can be brought on-line, to provide the District with a dependable water supply and adequate redundancy in case of emergency.

Engineers and hydrologists are working now to prepare to bring a new well on line as quickly as possible. However, the District may be required to mandate extra water conservation efforts during peak water use times, until a third well is developed. Engineers estimate a new well may be completed by late June.

We Need Your Phone Number for Emergency Communication

State law requires municipal water service customers to be notified within 24 hours when drinking water quality has been compromised. The District is establishing an automatic telephone communication system to serve this purpose. The District requests your assistance by providing us with an ideal telephone number for contacting you in case of emergency. The number can be for a cell phone or regular land line.

PLEASE HELP US - Call, email or write us and provide us a telephone number we can use to notify you in cases of emergency. (360) 427-2413 or email us at info@hpwatersewer.com. Mailing address: 772 Chesapeake Dr., Shelton, WA 98584.

Hartstene Pointe Water-Sewer District will not share, sell or use your information for any purpose other than District business.

Bio-solids Wasting Compliance Confirmed by Ecology

As part of the engineering review for the District's waste-water treatment plant upgrades, the Washington State Department of Ecology (DOE) requested the District's bio-solids wasting calculations for the last two years. The calculations measure the amount of bio-solids being hauled away compared to the amount being discharged.

As a requirement of our National Pollutant Discharge Elimination System (NPDES) permit we are required to collect samples for analysis of Total Suspended Solids (TSS) flowing into and discharged from the plant in order to calculate the level of TSS removal during treatment processes.

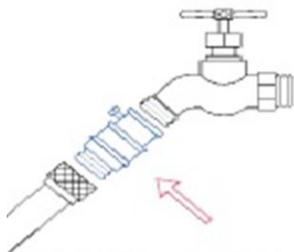
From previous site visits and conversations with the District's waste water treatment plant operator, DOE is aware the plant experiences low volumes of sewage and large volumes of clear storm water during major rain events, resulting in a portion of suspended solids being discharged in the plant effluent.

DOE has concurred with District calculations showing the plant discharges an average of 19 lbs. per day of total suspended solids, well below the NPDES maximum allowable level of 62 lbs. per day. The volume of solids, or sludge removed from the effluent and stored for removal was found to not be enough to warrant hauling for disposal.

As a result of ongoing plant maintenance, optimization of the treatment process and installation of updated computerized treatment plant control systems the District now discharges TSS at a significantly lower average rate of 3.1 lbs. per day. The settling basins are now building an inventory of bio-solids necessary for the biological treatment processes and we will soon have the solids hauled to a disposal site.



Submerged hoses can act as a conduit for contaminants under backflow conditions.



**Hose Connection
Vacuum Breaker**

Water Use Survey Will Help Protect Water Supply

Water normally flows in one direction, from the public water system through the customer's cold or hot water plumbing to a sink tap or other plumbing fixture. The plumbing fixture is the end of the potable water system and the start of the waste disposal system. Under certain conditions water can flow in the reverse direction. This is known as backflow.

Pollutants or contaminants can enter the public drinking water system through uncontrolled cross connections when backflow occurs. To prevent contamination of the public water system, the Hartstene Pointe Water-Sewer District operates a Cross Connection Control Program (CCC).

As part of the CCC program, customers are asked to complete a water use survey to assess potential risks of contamination due to cross connections; a connection between potable water and non-potable water. Typical cross connections include underground irrigation sprinkler systems, spas and water softening systems.

A water use survey will arrive in the mail soon. Please do your part to protect YOUR water supply by completing and returning the survey.

Thank you for your cooperation!