



# Hartstene Pointe Water – Sewer District

## Newsletter

January/February 2014

### Commissioners

*Mary Alice Cary*

Commissioner2@hpwatersewer.com

*Roger Ray*

Commissioner3@hpwatersewer.com

*Nancy Nelson*

Commissioner1@hpwatersewer.com

### District Office

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General Manager/Water Manager,

*Mont Jeffreys*

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Waste Water Operator,

*George Campbell*

### Customer Service

#### Account information

7:30 am-4:30 pm

(360) 876-2545,

customer\_service@wsud.us

### 24 Hour Emergency (360) 876-2545

Board of Commissioners meetings are held on the 2<sup>nd</sup> & 4<sup>th</sup> 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.*

## Update on Current District Projects

The District has been busy this past year with capital outlay projects necessary for continued system compliance and operation. Here is an update on the current status of each project:

### Wastewater Treatment Plant Headworks Upgrade

The District has been working with the Washington State Department of Ecology and the District's engineers to make modifications to the wastewater treatment plant influent screen. This upgrade is necessary to meet the present Ecology mandated screen size of 3/8 inch and to prevent non-biodegradable materials from entering the treatment basins.

The District has chosen to install a self-cleaning mechanical screen in the primary channel and a manually-cleaned screen in the secondary channel. The self-cleaning screen will reduce maintenance costs by decreasing the number of labor hours required to keep the screens clean. The self-cleaning screen will also prevent spills by maintaining at least one free-flowing channel during times of high influent flows.

The final design for the project was approved by the Department of Ecology this past summer, and the District went out to bid for the project in the fall. The low bidder, Stan Palmer Construction of Bremerton, came in \$11,000 under the engineer's estimates, and the District has entered into a contract with them. Construction on the project should begin early this year and be completed before spring.

### Drinking Water Treatment Upgrade

The drinking water treatment upgrade project will optimize the water treatment process by replacing outdated and inefficient drinking water treatment equipment and outdated or inoperable system controls, resulting in improved treatment efficiency, increased water source flexibility, and water conservation.

The current filtration system is deteriorating, provides unreliable treatment and removal of contaminants, and will likely not meet future arsenic removal requirements. The new treatment system will reduce fluctuations in arsenic levels and allow optimization of solution dosing for improved arsenic, iron, and manganese removal. The updated technology will also reduce backwash waste water, conserving water, saving energy, and reducing influent flow into the District's already taxed wastewater treatment system. The new water treatment system will also give greater longevity and eliminate the current hazardous potential for lead exposure.

The project will also include replacing water treatment control systems, the outdated telemetry system, the addition of water quality monitoring equipment, and an upgrade of the SCADA system to allow remote real time monitoring, providing a better response time to equipment issues.

## Update on Current District Projects (continued)

The final system design is currently being reviewed by the Department of Health, and the District is preparing to go out for bids.

Timing of the construction is tricky as each well will need to be offline for a portion of the project. Because the District sees such a high water demand during the summer months, having one well offline during this time could possibly lead to a water shortage. To accommodate this trend, the project will likely need to wait until the fall of 2014 and be completed in early 2015.

### Well 1 Rehabilitation

Well 1 has been experiencing a decrease in water production due to encrustation of the well filter. This can happen over the life of a well. The aquifer from which Well 1 draws water remains at an appropriate level, therefore the District has two options: rehabilitate Well 1 or dig a new well in the same aquifer.

Current estimates for digging a new well are cost-prohibitive for the District at this time, therefore the District General Manager and the District's Engineers are discussing rehabilitation with an initial rough estimate of \$15,000. The District is currently working to obtain a more exact quote. The District will also need to investigate the condition of the well pump which has been damaged due to poor design. The well pump may need to be replaced. The Well rehabilitation could possibly begin as soon as January 2014. It is necessary to begin rehabilitation as soon as possible in order to ensure two producing wells during the Water Treatment Upgrade.

## 2014 Budget Hearing & Water Conservation Public Forum

On November 9th the District held a public hearing to present the proposed 2014 Budget and to receive subscriber comments. Directly following the budget hearing, the District held its Water Conservation Public Forum through which subscribers learned about using water efficiently and the District's proposed water use efficiency goals and water conservation measures, as mandated by the Department of Health.

The District's proposed water conservation goal is to reduce customer demand by 1% over the next six years through assisting subscribers in locating and repairing customer-side leaks and through ongoing water conservation education. Subscribers had the opportunity to provide feedback on those goals and measures.

The Commissioners expressed disappointment over the small turnout and thanks to those subscribers who attended and provided valuable feedback.

On November 12th, the District held a special meeting to review subscribers' comments and questions on the proposed budget and water conservation goals. The Commissioners' responses are documented in the special meeting notes, available on the District website, [hpwatersewer.com](http://hpwatersewer.com).

At the November 14th Regular Meeting, the District Commissioners adopted the proposed budget and water conservation goals and measures, as presented to subscribers at the November 9th hearing.

Please visit [hpwatersewer.com](http://hpwatersewer.com) to view the adopted 2014 Budget and the November 9th hearing presentation.

### Commissioner Ray Reelected

In the November 2013 election, Roger Ray was elected to a second term as Hartstene Pointe Water-Sewer District Commissioner 3. At the final District meeting of 2013 Commissioner Ray was sworn in for his six-year term, which officially begins January 1, 2014.



Commissioner Ray taking his oath of office.



**Drippy the Droplet's  
Water-Saving Tip:**

*"Make sure your home is leak-free. When you are certain that no water is being used, take a reading of the water meter. Wait 30 minutes and then take a second reading. If the meter readings change, you have a leak!"*

Watch for more of Drippy's tips in future newsletters and on the District website, [hpwatersewer.com](http://hpwatersewer.com).

**Reminder: The District Office does not maintain regular office hours, but voicemails will be returned within 24 hours. Call our 24 Hour Emergency Number, (360) 876-2545, if you experience problems with your service.**