

Summary Notes of Raspberry Falls/Selma Community Meeting

September 24, 2015

Held in the Loudoun Water Board Meeting Room

Ashburn, Virginia

7:00 p.m. – 8:00 p.m.

[add list of attendees; agenda items; etc.]

Facilitator Notes of Discussion from Flip Charts:

Comment/Question:

What will become of the existing storage tank?

LW/Hazen Response:

We will maintain the existing tank.

Comment/Question:

How much total storage will there be?

LW/Hazen Response:

373,120 gallons of total storage.

Comment/Question:

What happens if the source becomes inadequate?

LW/Hazen Response:

The existing well production and treatment process are the limiting factors. The storage is used to maintain the “delta” to buffer peak demands.

Comment/Question:

When is the water stored?

LW/Hazen Response:

Water is stored *after* it is fully treated.

Comment/Question:

What about G.U.D.I.? (groundwater under direct influence of surface water)

LW/Hazen Response:

The new treatment process of this design can take care of any G.U.D.I. condition that might occur.

Comment/Question:

Will you be able to correct any water line looping issues?

LW/Hazen Response:

Yes, we will be connecting a lot of the current dead-end pipes. There will still be a few dead-ends, but only on short lengths, and we can add “auto-flushers” at key points as needed.

Comment/Question:

Is there a standard for looping?

LW/Hazen Response:

You try to get as much interconnectivity as you can – there is no specific quantitative standard – it's as much an art as a science.

Comment/Question:

What is the life of the G.A.C.?

LW/Hazen Response:

Five years for the carbon; 10 years for the membrane filters; 5,000 hours for the ultra-violet bulbs; 50-years for the overall functionality of the system.

Comment/Question:

What is the daily water demand for houses?

LW/Hazen Response:

The total system is designed for:
441,900 gpd (gallons per day); 900 gpd per house. There is no additional capacity beyond that, but the system can be expanded.

Comment/Question:

The County's Commission Permit Process could be a roadblock, couldn't it?

LW/Hazen Response:

Yes, but the feedback so far from county staff has been very positive and thus no issues are expected. Public hearing is October 20.

Comment/Question:

Thank you. We are really happy. How do you regulate the quality of when a line is opened?

LW/Hazen Response:

There is an automatic valve between Raspberry Falls and Selma. The new system is connected and we won't need such a valve. The volume moves every day.

County planning staff representative comment:

The boundaries of the service area is the key planning issue, not the design details, and in light of the existing service area boundaries, this should not be a new policy issue.

Comment/Question:

When will these PowerPoint slides be available?

LW/Hazen Response:

Tomorrow.

Comment/Question:

What about easement acquisition?

LW/Hazen Response:

We are awaiting more design progress before we get deep into the easements, but we foresee no major difficulties.

Comment/Question:

How can we best educate and inform the customers about their system? They need to know how great it is.

LW/Hazen Response:

Toward the end of construction when it's coming on line might be a good time. Maybe a broad community meeting prior to the construction process – to manage expectations. Maybe have two meetings – at the completion of the design process, and again prior to the beginning of construction.

Comment/Question:

Is this a GUDI system?

LW/Hazen Response:

Yes, for the purposes of testing standards.

Comment/Question:

How long will the emergency generator last?

LW/Hazen Response:

It runs on fuel tanks which are refilled with diesel fuel.

Comment (LW):

The Loudoun Water Board intends to adopt a universal rate. The public hearing will likely be held at its November meeting (11/12/15), and would be adopted at the December meeting.

Comment/Question:

What is the most similar system in Loudoun to ours?

LW/Hazen Response:

These techniques are common for surface water treatment systems (not so much for groundwater systems). Similar ones include the new Trap Rock Plant, the Broad Run Plant, and various plants in the Shenandoah Valley [which has a lot of limestone geology].

Supervisor Geary Higgins asked Loudoun Water officials to publicly thank its Board of Directors for moving forward with the new rate structure.

The meeting adjourned at 8:00 p.m.