Summary Notes of Raspberry Falls/Selma Community Meeting
June 18, 2015
Held in the Loudoun Water Board Meeting Room
Ashburn, Virginia
7:00 p.m. – 8:35 p.m.

Facilitator Notes of Discussion from Flip Charts:

Comment/Question:
How much water remains in the lines? How much turnover of water is there?

LW Response:
The key is chlorine residual; we have not run a water-age analysis.
[This pertains to the design going forward, not current operations]

Comment/Question:
How to get the best data on the dissipation of chlorine?

LW Response:
Looping the system will help with the dead-end conditions, and such. We run approximately 2.0 residual – we flush on street for a minimum of five minutes.
[LW flushes on the street for a minimum of five minutes when collecting a sample, and annually flushes the entire distribution system as preventative maintenance]

Comment/Question:
Tests now aren't accurate as far as what water is coming into our house.
[Tests are accurate and are performed in accordance with regulatory recommendations]

Comment/Question:
Back up power supply?

LW Response:
Yes, for the most critical wells.

Comment/Question:
Fluoride?

LW Response:
Yes, it's in a room within the existing building.
[This is why it is not shown in the "new" building on the plan drawings]

Comment/Question:

If this were a new system, how would the standards compare to what we have now?

LW Response:
We are designing to the current EDM manual. *[send out a link to the Engineering Design Manual (EDM)]*

Comment/Question:
Will you bring on experienced operational staff for this new system?

LW Response:
We already have experienced people who've worked on larger systems.

Comment/Question:
Is distribution two times emergency storage?

LW Response:
VDH (VA Dept of Health) standards are changing. The design is for 900 gallons per day (gpd).

Comment/Question:
How many connections will there be at build out?

LW Response:
491 equivalent connections.

Comment/Question:
Is the system fully redundant? How often is equipment replaced?

LW Response:
Yes, fully redundant.
Replace carbon in about a year; replace membrane about every 10 years.

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

LW 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.

Comment/Question:

If anyone connected into our system, Loudoun Water should have a policy of "no diminution of quality or quantity"

LW Response:
To add new outside connections would require a legislative act by the Board of Supervisors.

Comment/Question:
What if a neighboring property wants to connect to our system?

LW Response:
They would have to bring their own capacity, as per the Engineering Design Manual (EDM). The main issue would be where the raw water connection would be.

Comment/Question:
What about water pressure and quality?

LW Response:
The pressure looks good. In terms of quality, the modular membranes can be easily expanded.

Comment/Question:
When will we get to discuss landscaping? Loudoun Water should simply do what's right – look at the whole place.

LW Response:
We will discuss landscaping, screening, and architecture at the 60% design stage. We may be able to use the conservancy lot to enhance the visual aspects, screening, etc.

Comment/Question:
Any issues with getting easements?

LW Response:
For the plant, we're okay. For the lines, we have to talk with some property owners – most of the lines are on the golf course.

Comment/Question:
Thank you for doing the rate study. How will future operating loss be treated? What is considered a "capital item"? We have no transparency for how our system operates, financing for communal systems, etc.

LW Response:
We need to wait for the results of the upcoming rate study.

Supervisor Geary Higgins thanked all of the participants for being involved, and complimented everyone on the progress to date.

The meeting adjourned at 8:35 p.m.