

Record Type: Email - Microsoft Exchange

MessageId: 1502407290130070

Subject: RE: Agenda for raspberry

Sender [From]: michael.mcevoy@westernvawater.org

To: bflora@wrallp.com

Cc: pmoore@wrallp.com, william.bulloss@westernvawater.org

StartDate: 7/28/2024 9:28:01pm

Conversation:

Thanks Brandon. I will send an invite. Appreciate it.

Michael T McEvoy

Executive Director

540-283-2904

www.westernvawater.org

Celebrating 20 years of Service to the Roanoke Valley

From: Flora, Brandon <bflora@wrallp.com>

Sent: Thursday, July 25, 2024 11:31 AM

To: Mike McEvoy <Michael.McEvoy@WesternVaWater.org>

Cc: Will Bulloss <william.bulloss@westernvawater.org>; Moore, Paula <pmoore@wrallp.com>

Subject: RE: Agenda for raspberry

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Mike-

Tuesday afternoon would work fine for me to meet – feel free to send a WebEx for whatever time you prefer, or let me know a time and I'll send out a Teams invitation. I'll refresh on the analysis we previously did between now and then, but I think you are right – the total firm capacity of the new pump station is about 3 MGD, so 3.5 MGD just for Raspberry on Day 1 will likely require additional improvements on top of the currently planned projects.

One of the questions below is regarding sewer capacity – we have not been involved in any of the previous sewer capacity analysis, so we don't have any background on that at this point. We can look into it if needed, but we probably couldn't reach any conclusion by next week.

Thanks,

Brandon Flora, PE | Associate

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From: Mike McEvoy <Michael.McEvoy@WesternVaWater.org>

Sent: Thursday, July 25, 2024 10:17 AM

To: Flora, Brandon <bflora@wrallp.com>

Cc: Will Bulloss <william.bulloss@westernvawater.org>; Moore, Paula <pmoore@wrallp.com>

Subject: FW: Agenda for raspberry

Brandon, good morning.

I think you know Will is out of the office for a bit. The big Botetourt Co. project that you have been working with Will on is back in town July 31st. They sent these questions (see below) ahead for discussion next week. I think both of their flow scenarios are a bit high (we previously told them their total flow is limited to 8 mgd) and the only interim scenario I see is completing the Hollins Pump Station and Gibson Lane projects to add 1 to 2 mgd to the Greenfield area. Otherwise, I think we are building the big improvements early on.

Do you have some time to review these and then discuss with me on Tuesday afternoon? I am out of the office until Tuesday but could do a virtual meeting Monday afternoon if that works better for you. Just let me know. Thanks.

Michael T McEvoy

Executive Director

540-283-2904

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Water:

- Offsite Water Extension Options:
 - o Day 01:
 - Confirm path forward to achieve 3.50 MGD. Current scenarios get to 2.5 MGD so another MGD for the first building. Is there another tank we add or another pump?
 - Any schematic plans that can be shared for the current 2.5 MGD option along with any changes to achieve 3.5 MGD.
 - Schedule and cost updates needed for the Day 01 scenario.
 - o Day N:
 - Confirm scope, schedule and funding for a dedicated water main extension from the plant
 - Briefly discussed as a ballpark \$170M project with tanks, pumps, watermain, etc. to achieve 10-11 MGD to the site.
 - Confirm scope, schedule and funding for a direct tunnel/bore to Carvins Cove?
 - More cost effective than acquiring ROW and doing the longer extension from the plan?
 - Discuss treatment options onsite
 - Discuss obtaining a water sample if this option is pursued further

Sewer:

- Offsite Sewer Extension Options:
 - o Confirm scope, schedule and funding for the Day 1 and Day N solutions for extensions/upsizing

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