



July 13, 2020

Putnam Valley Planning Board  
265 Oscawana Lake Road  
Putnam Valley, New York 10579

RE: Putnam Valley Volunteer Fire Department  
Oscawana Lake Road  
Town of Putnam Valley, New York  
Tax Map Number: 72.20-01-7.11

Dear Chairman Phillips and Members of the Board:

Enclosed, please find one (1) copy of the following:

- Email from Joseph Paravati, PE of the Putnam County Department of Health dated July 10, 2020.

In response to comments received during the June 22, 2020 public hearing we provide the following:

1. The new fire station is the replacement of the existing Fire Station 1 with upgrades to meet current standards for fire equipment and the health and safety of the volunteer fire fighters. The new fire station will not create new environmental contaminants that are not present in current fire fighting situations. However, to address the concerns regarding truck washing and the decontamination room the following is proposed:
  - a. The floor drains from the apparatus bay will be connected to an oil water separator. The oil water separator will discharge to a holding tank.
  - b. Floor drains from the decontamination room and the washer extractor room and the discharge from the washer extractor will also be connected to the holding tank.
  - c. The holding tank will be pumped and hauled off site by a licensed hauler. The holding tank will have a high-level alarm to alert when the tank needs to be pumped out.
2. The Putnam County Department of Health (PCDOH) has reviewed the proposed design flows for the Subsurface Sewage Treatment System (SSTS). The attached email from Joseph Paravati, PE notes that the PCDOH agrees with the proposed design flow of 1,280 gallons per day for the SSTS. The SSTS is designed for a maximum day event with up to 160 attendees. The normal water usage and wastewater generation will be significantly less than the maximum day as the firehouse will only rarely be used for an event of that size.
3. To address concerns of water use during a maximum day event, a potable water storage tank will be added to the plans. The tank will store water so that the stored water can be used to buffer peak flow demand during times of highest water demand.
4. The holding tank and potable water storage tank will be added to the plans on a future submission.

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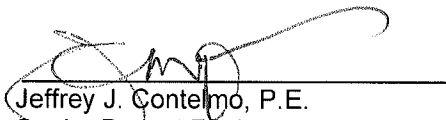
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Should you have any questions or comments regarding this project, please feel free to contact our office.

Very truly yours,

INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.

By:

  
Jeffrey J. Contelmo, P.E.  
Senior Project Engineer

JJC/EMS/jwm

Enclosures

cc: PVVFD

Insite File No. 09105.100

## Eric Schlobohm

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**From:** Joseph Paravati <Joseph.Paravati@putnamcountyny.gov>  
**Sent:** Friday, July 10, 2020 4:12 PM  
**To:** Eric Schlobohm  
**Subject:** RE: Putnam Valley Volunteer Fire Department

Eric,

Your design flow of 1280 gpd is acceptable.

I will follow up early next week with the flow confirmation letter.

Thanks, Joe

Joseph S. Paravati Jr., P.E.  
Public Health Engineer (Acting Supervisor of Engineering)  
Putnam County Department of Health  
1 Geneva Road  
Brewster, NY 10509  
(845)808-1390 x43157  
[joseph.paravati@putnamcountyny.gov](mailto:joseph.paravati@putnamcountyny.gov)

**From:** Eric Schlobohm <ESchlobohm@insite-eng.com>  
**Sent:** Monday, July 6, 2020 9:07 AM  
**To:** Joseph Paravati <Joseph.Paravati@putnamcountyny.gov>  
**Subject:** Putnam Valley Volunteer Fire Department

Joe,

Looking back at your comments regarding the fire department you asked for additional information on the flows. We used unit flow rates from Design Standards For Intermediate Sized Wastewater Systems (DEC 14):

- Meetings we used Assembly Hall: 4 gpd ( 5 gpd -20%) per attendee \* 40 attendees =160 gpd
- Fire Events we used Assembly Hall + Showers: 4 gpd ( 5 gpd -20%) per Responder + 4 gpd ( 5 gpd -20%) per Responder 40 responders=320 gpd
- For large catered events we used catering hall: 8 gpd (10 gpd-20%) \* 160 =1,280 gpd

See attached highlighted excerpts for DEC 14. Does this provide enough information to provide the flow confirmation letter? Please give me a call with any questions.

Regards,

Eric

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**Eric M. Schlobohm, PE, Associate**  
Senior Project Engineer