

Tom Fayram, President
Brad Ross, Vice-President
Mike Arme, Director
Brian O’Neill, Director
Lisa Palmer, Director



**LOS OLIVOS COMMUNITY SERVICES DISTRICT
WASTEWATER TREATMENT WORKSHOP**

Posted: 6-3-2022

June 8, 2022, 6:30 PM

(or immediately after the June 8, 2022 Regular Meeting)

Please observe decorum and instructions from the President

This meeting will be held both in-person and electronically via Zoom meetings. In-person the meeting will be held at the following location: St Mark’s in the Valley Episcopal Church, Stacy Hall - 2901 Nojoqui Ave, Los Olivos CA 93441

The public will also be able to hear and participate electronically via Zoom by using the following links:

On Zoom:

<https://us06web.zoom.us/j/89407884419?pwd=QmVVCVUMwK2xgSWpoY2pteTJDY0xqUT09>

By Phone:

+1 669 900 6833 US (San Jose)

Meeting ID: 894 0788 4419

Passcode: 208251

One tap mobile: +16699006833,,89407884419#,,,,*208251# US (San Jose)

WORKSHOP AGENDA

1. CALL TO ORDER

2. PUBLIC COMMENTS

Members of the public may address the Committee on any items of interest within the subject matter and jurisdiction of the Committee but not on the agenda today (Gov. Code - 54954.3). Speakers are limited to 3 minutes. Due to the requirements of the Ralph M. Brown Act, the District cannot take action today on any matter not on the agenda, but a matter raised during Public Comments can be referred to District staff for discussion and possible action at a future meeting.

3. WORKSHOP

Presentations will be made by the General Manager, Steve Braband (BIOSOLUTIONS INCORPORATED), and Nick Weigel (NorthStar Engineering). A question-and-answer period will follow.

Direction from the Board may be provided; but, no action will be taken.

4. ADJOURNMENT

The Los Olivos Community Services District is committed to ensuring equal access to meetings. In compliance with the American Disabilities Act, if you need special assistance to participate in the meeting or need this agenda provided in a disability-related alternative format, please call 805.500.4098 or email to losolivoscscsd@gmail.com. Any public records, which are distributed less than 72 hours prior to this meeting to all, or a majority of all, of the District’s Board members in connection with any agenda item (other than closed sessions) will be available for public inspection at the time of such distribution at a location to be determined in Los Olivos, California 93441.

Los Olivos Community Services District

Guy Savage
General Manager





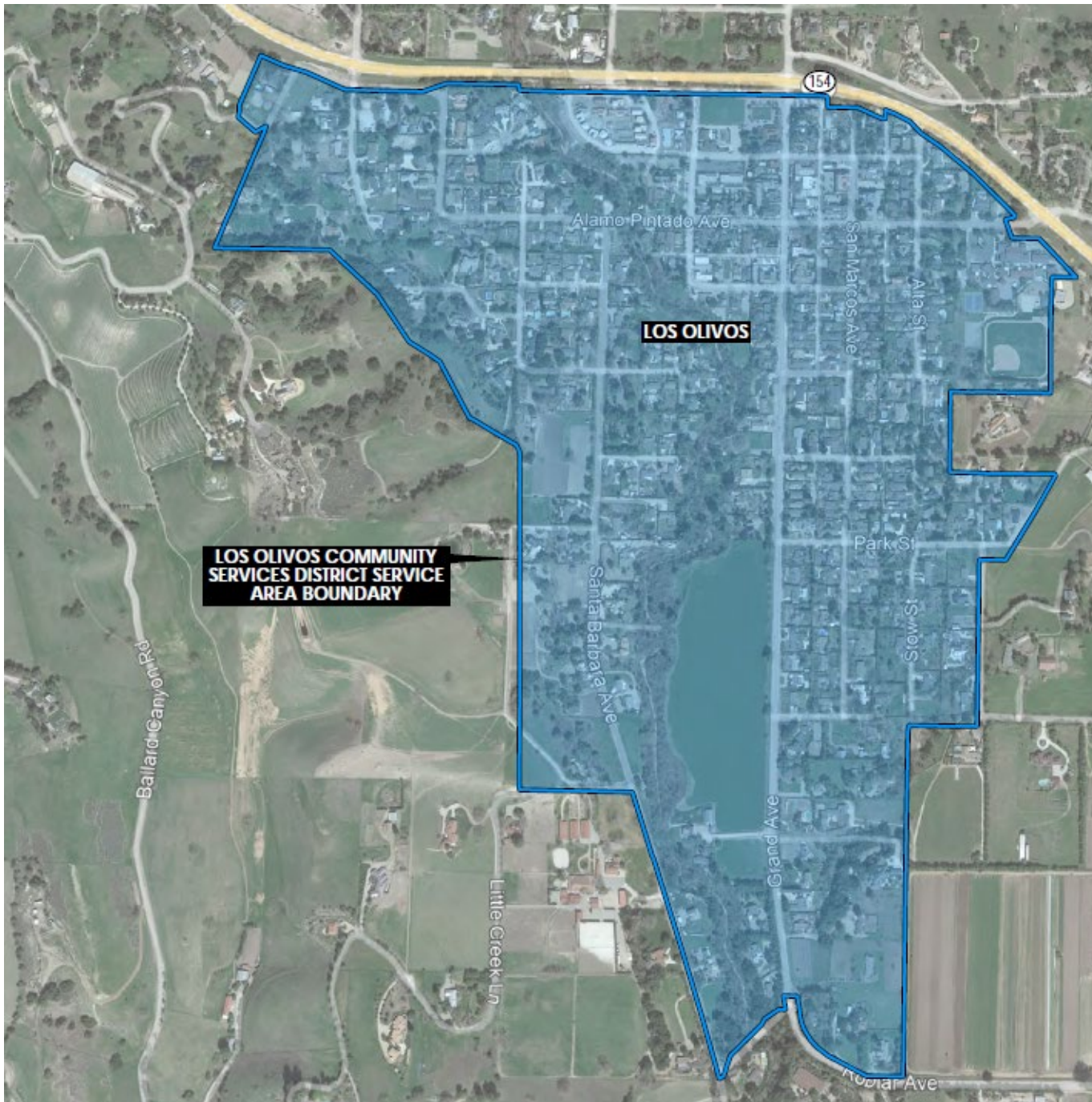
Very Brief History

- Special Problems Area designation 1974
- District formed in January 2018 by voters
 - 73% in favor of formation
 - Ensures local control
- If we didn't form, County (or State) will build a sewer or require connection to another facility. Doing nothing is not an option.
- For more details, read what's on the website:
www.LosOlivosCSD.com



THE DISTRICT

~392 Parcels
~52 downtown
~340 residential





Why All The Studies?

Understand

- Costs
- Constraints
- Issues

Basis for making decisions



What Studies are Underway?

Stantec – Design of Gravity Fed Sewer / Loading Study

- 30% design in June/July

GSI/Confluence – Effluent Disposal Options

- September?

NV5 – Assessment Engineer

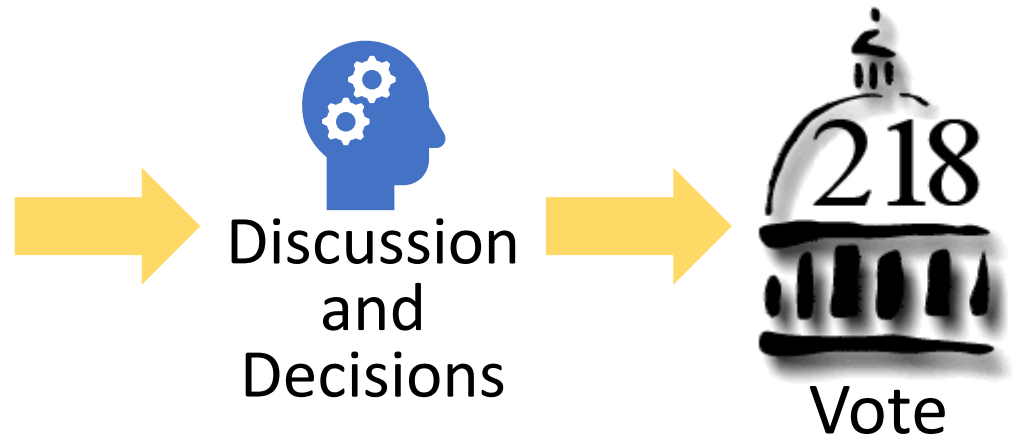
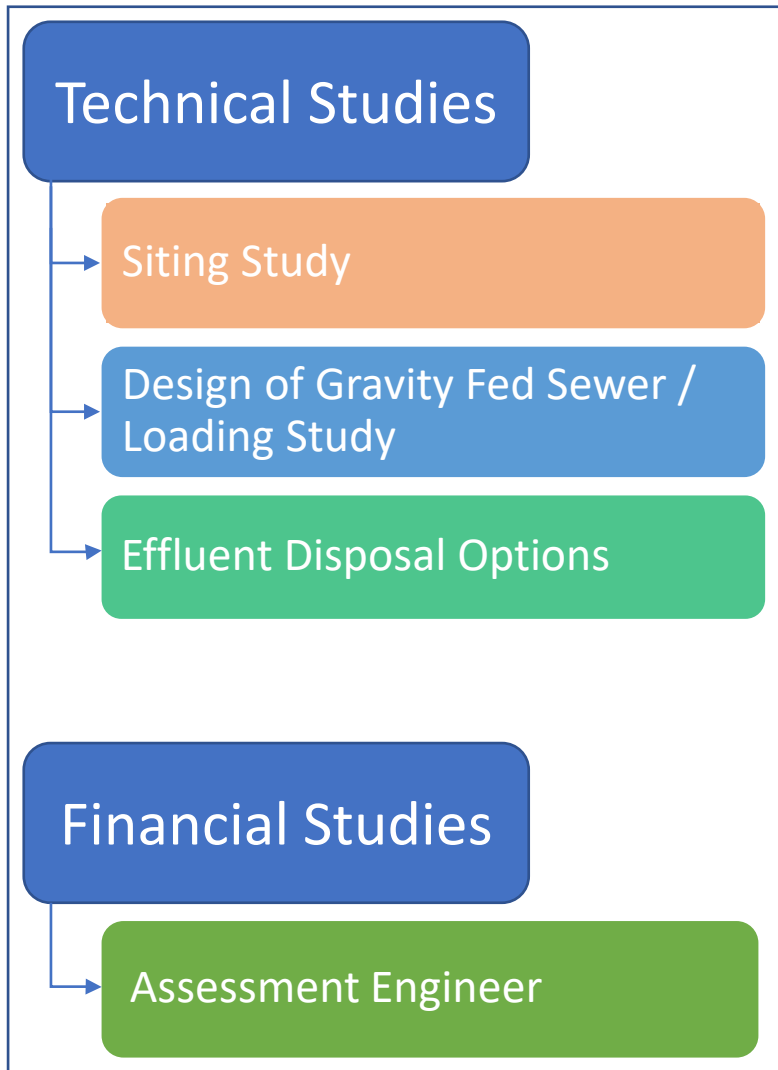
- September?

GSI – Monitoring Well(s)

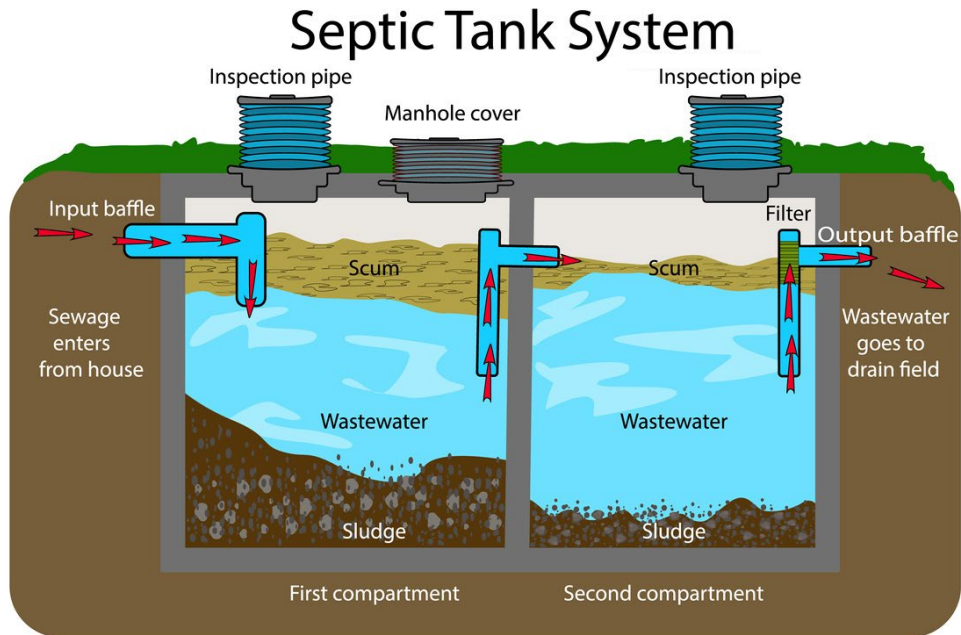
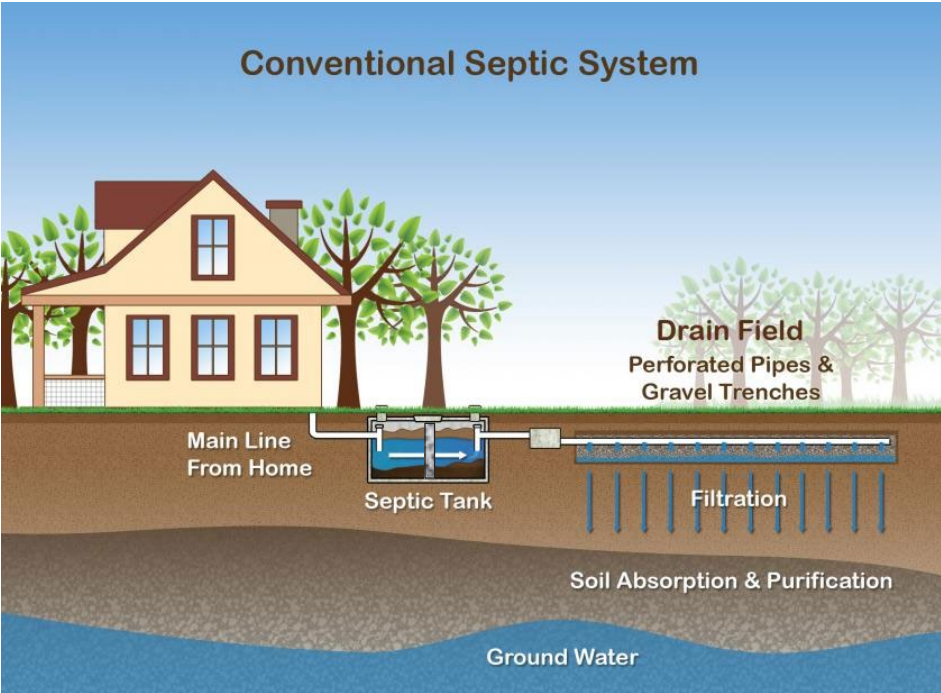
- First well this summer



How Does It Fit Together?



Septic System





Alternatives to Septic Systems

Traditional gravity sewer

Advanced onsite systems (aka full treatment onsite)

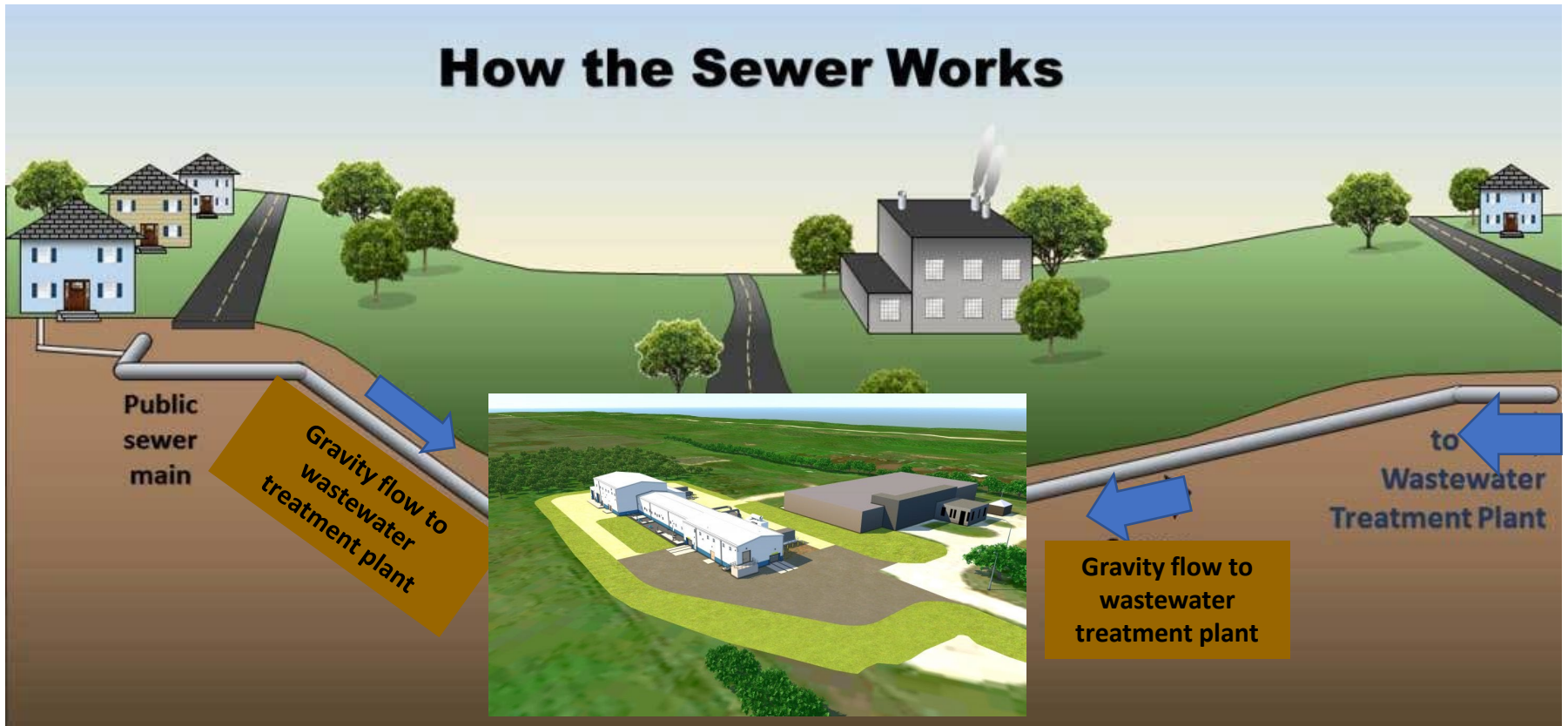
Septic Tank Effluent Pump (STEP)

Grinder and pump systems

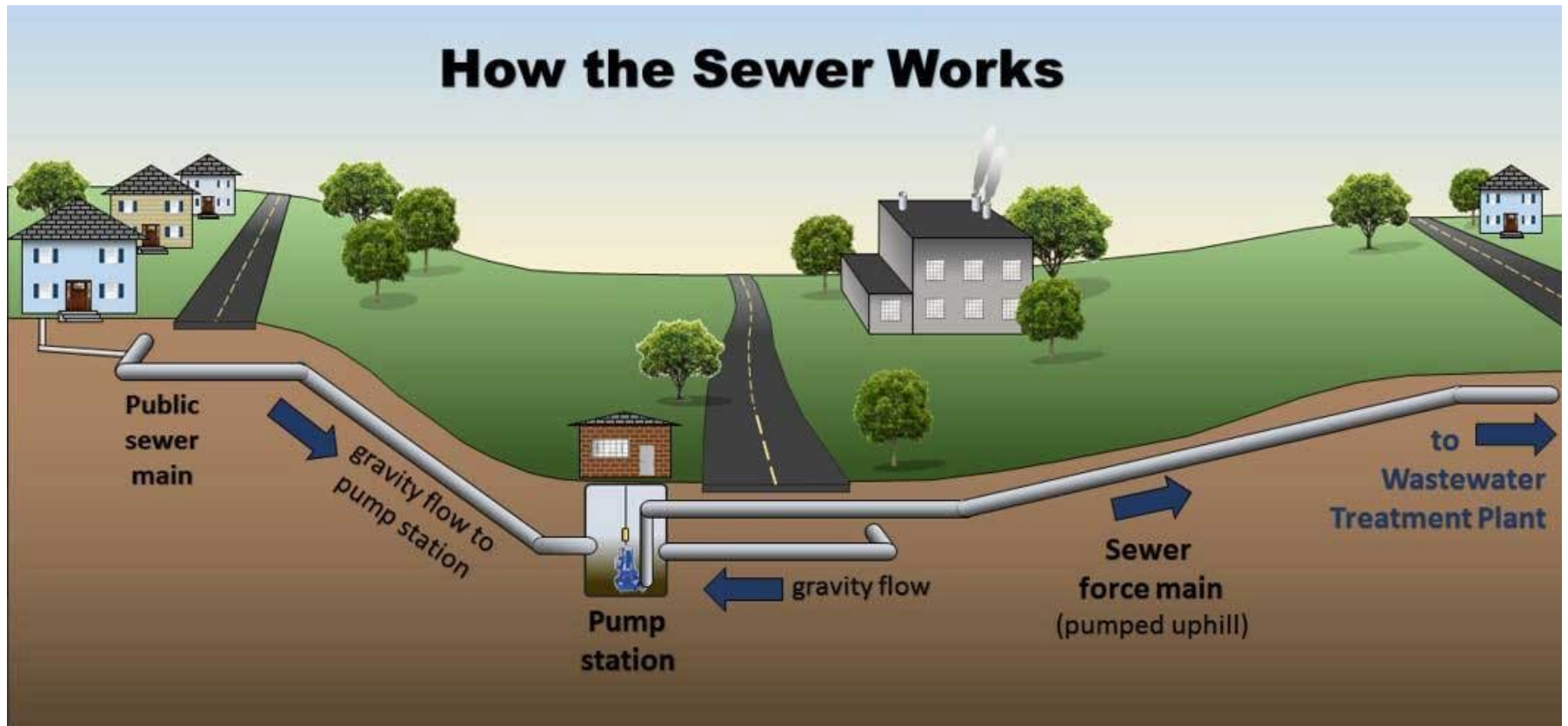
Traditional Gravity Sewer (no pump station)



How the Sewer Works



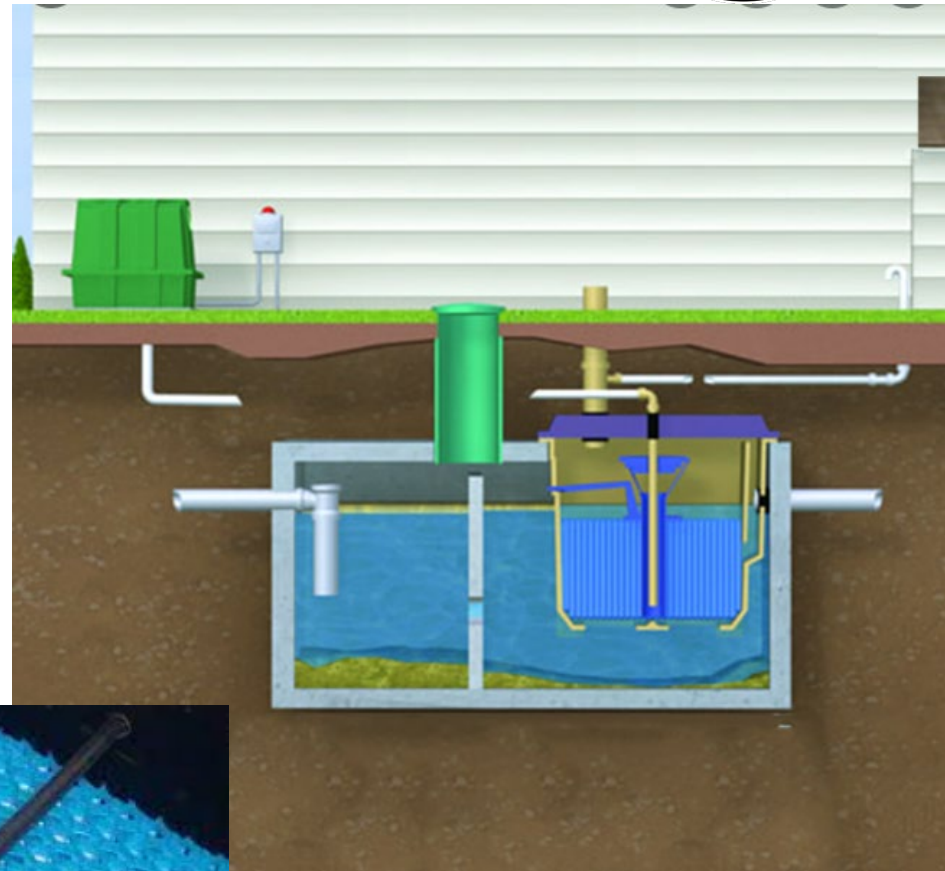
Traditional Gravity Sewer





Advanced Onsite Systems

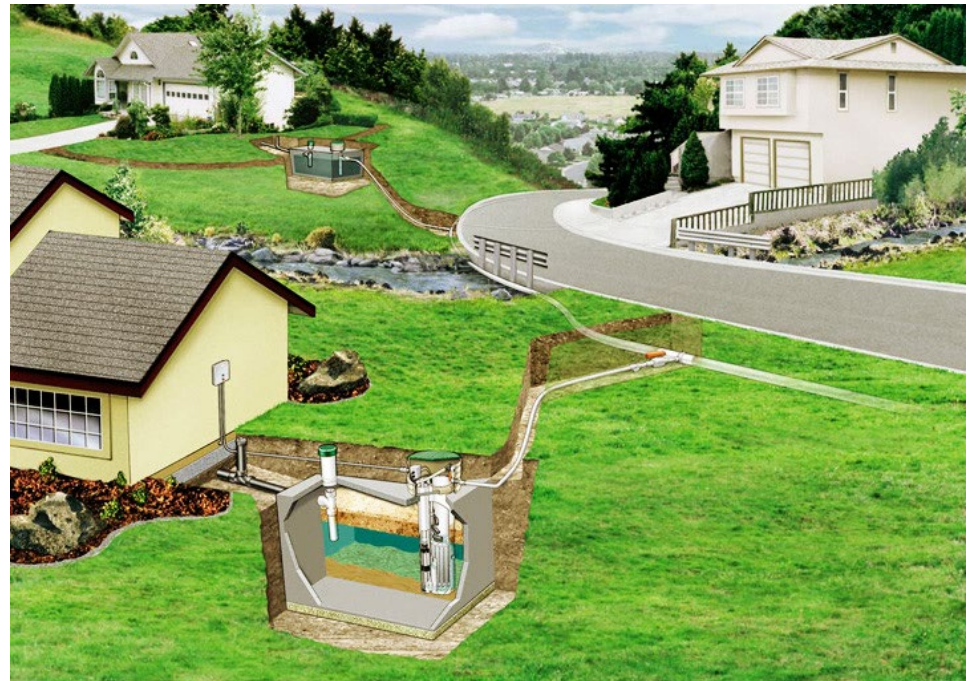
Treatment sewage beyond the secondary or biological water treatment stage and includes the removal of nutrients, such as nitrogen and phosphorus and a high percentage of suspended solids



Septic Tank Effluent Pump (STEP) Systems

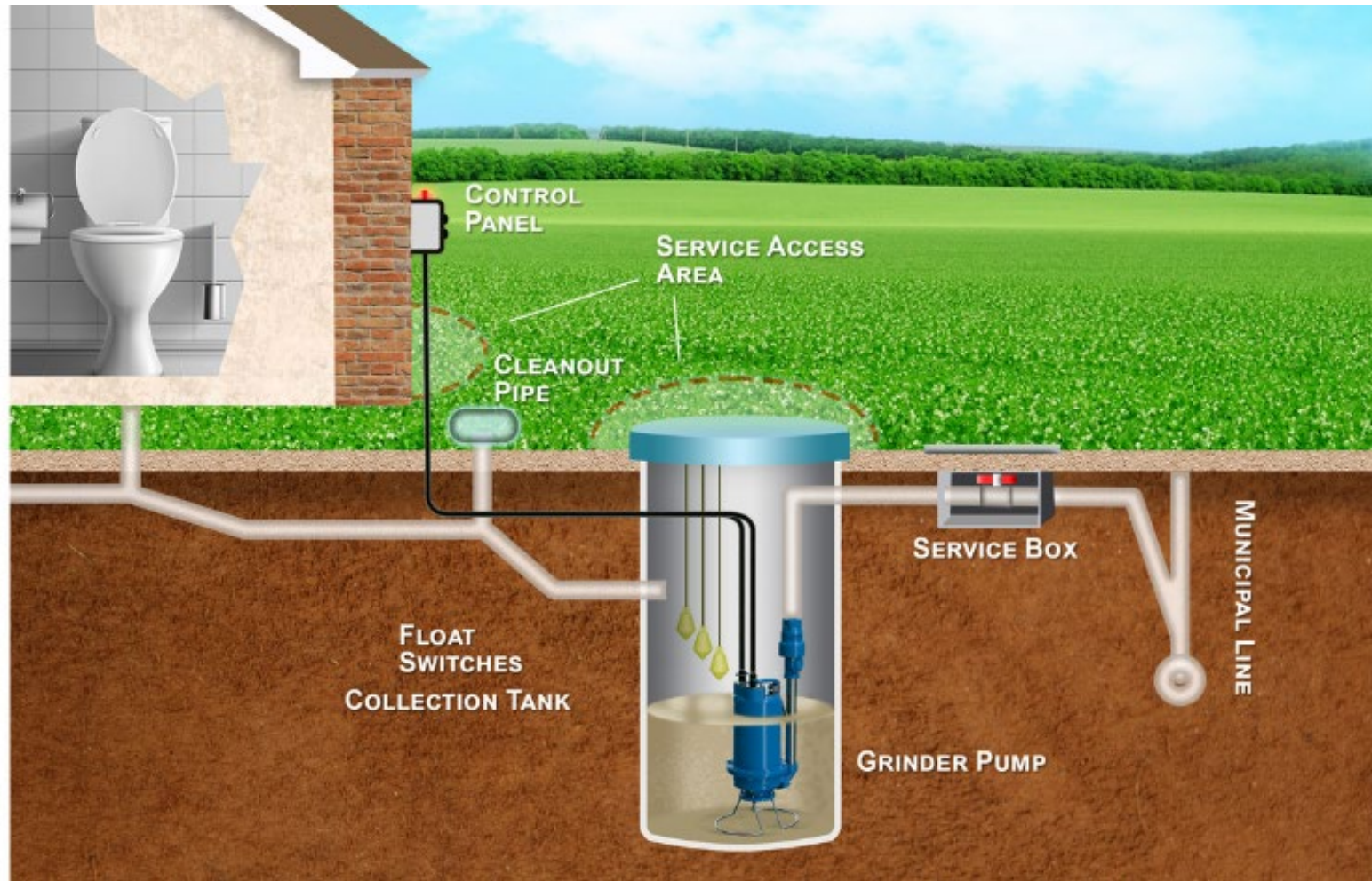


- No leach field
- Pumps transfer effluent from septic tanks to a collection and processing plant





Grinder and Pump Systems



Not covered in LOWMP – there are better solutions for our situation

What About Other Alternatives?



- Workshop tonight to provide more details on solutions other than traditional gravity wastewater treatment systems, or that might work in conjunction with traditional systems
- Future workshop to cover Membrane Bioreactor (MBR) systems in more detail, answer other questions