

Orangetown DWSP2 Committee Meeting #4

2/3/2025

Potential Contaminant Sources

- Golf Courses
- Dry Cleaners
- Septic Systems
- Wildfires
- Firefighting Foam

Future Goals

- Gain better identification of which residents have private septic systems
- Review golf courses for Audubon certification
- Educational outreach pieces about lawn care, etc.
- Countywide database on firefighting foam usage

Additions to Maps

- Identify industries that may be discharging wastewater
- Enhance map symbology so that it can be more easily recognized
 - Black droplet for petroleum bulk storage
- Identify critical area radius in ft

Other Notes:

- Common dry-cleaning chemicals were recently (December 2024) discontinued in the United States.
 - Trichloroethylene will be prohibited within one year, including manufacture and processing
 - Perchloroethylene will undergo a 10-year phaseout with use of PCE in newly acquired dry-cleaning machines being prohibited after six months
- Firefighter foams which may contain PFAS
 - Typically used in airports, but since Orangetown does not have an airport, it could be used for other fires like commercial truck fires and for practice runs
 - Do we have communications with the fire department on when they practice using the foam, and what type of materials is in the foam?
 - Orangetown will confirm

- Chris Jensen, Hazardous Materials Coordinator for the Department of Fire & Emergency Services at Rockland County
 - Veolia has regular communication and could ask about both how and to what extent they use the firefighting foam
- If there is not already a County wide reporting system for use of this foam, then maybe one can be created as part of this plan
- Grant funding for potential projects
 - HVRC will look into developing an inventory of funding sources other DWSP2 municipalities have used previously
 - HVRC will develop a 5-year look back at all grants that have been awarded to Rockland County and its municipalities
 - This will determine potential funder priorities and should be considered in the prioritization of implementation methods
- Sparkill Creek Watershed
 - Blauvelt, Sparkill, and portions of the Tappan critical areas are located in this watershed
 - Lot of subsurface historical pollution and bacterial pollution
 - Riverkeeper has done some monitoring on nutrients in the Sparkill creek
 - Sparkill Creek is on the 303d list, so we may be able to get grant funding through there if the project is applicable.
- Source water mapping
 - USGS groundwater flow direction (usually southwest)
 - County planning department may have access to flow direction as a shapefile
 - Nicole Laible can make the connection
 - Jen Zunino-Smith of CCE Rockland has a lot of information as well
 - Are there any manufactures that discharge regulated chemicals – which are they and what do they discharge
 - Map symbology will be made a little more accessible for the public and planning boards
 - Vacant Lot land use color to be changed from blue as it blends in with the symbology for water bodies on the base map
 - Petroleum storage will be changed to a black drop
 - Interactive database
 - Would be useful for switching on and off certain layers
 - Need to determine who can host this database
 - HVRC
 - Orangetown
 - Rockland County
- Critical Environmental Areas
 - HVRC will look into whether any DWSP2 municipalities have developed a protection overlay in response to their plan
 - Critical environmental areas in Orangetown are defined for steep slopes, but none for water related areas

- Wells
 - Veolia can find out which wells are active or inactive
 - Any active wells are sampled on a regular schedule, so there is a close eye on contaminants of concern and the population served will be notified of any exceedances
 - No exceedances known of offhand in Orangetown