



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Outreach Plan

Medina Pump Station Upgrades

633 81st Ave NE, Medina, WA 98039

I. PROJECT BACKGROUND

This project will replace key components in the Raw Sewage Pump (RSP) room at the Medina Pump Station to allow for regular maintenance and inspection of the four pumps at the Medina Pump Station and provide permanent bypassing capability. The project will replace the header and install new suction, discharge, and check valves for each RSP on the new header. This project will upgrade infrastructure that allows us to keep wastewater out of streets, homes, businesses, and local waterbodies.

II. PUBLIC INVOLVEMENT GOALS

- Inform project neighbors about the reason for, activities, and impacts of the work in advance of the work.
- Meet all requirements set by the City of Medina.

III. KEY STAKEHOLDERS AND AUDIENCES

- City of Medina staff and councilmembers
- Near neighbors of the Medina Pump Station
- Neighbors at the sewage pumping (Medina) and discharge (Wilburton) points
- Residences along the sewage haul routes
- Medina Elementary School

IV. OUTREACH ACTIVITIES & TOOLS

Information sharing:

- General notification of construction activities. This notice will include information about the need for the project and will detail the activities that may be impactful and disruptive, what the County is doing to mitigate noise, and information about approximately 6 hours over one night of overnight septage hauling.
 - Action: Mail notice to homes within a one block radius of the Pump Station.
 - Timing: two months before work is set to begin.
- Notification describing the project and approximately 6 hours of additional truck traffic over one night.

- Action: Mail notification to homes adjacent to the pump station and along the haul route within ½ a mile of the pumping and discharge locations.
- Timing: one month before construction begins
- Reminder of overnight work approximately 3-5 days before construction is set to begin.
 - Action: Drop flyer at the door of homes that are adjacent to the pump station and on the haul route within ½ a mile of the pumping and discharge locations.
 - Timing: approximately 3-5 days before construction is set to begin.

Additional tools:

- Construction hotline will be staffed for questions or emergencies during the overnight work.
- Email list available for people to sign up to learn about last minute changes in timing and project activities.

V. KEY MESSAGES

- The pumps in the Medina Pump Station help move sewage from the surrounding area to King County’s South Treatment Plant in Renton, where it is treated.
- The equipment in the Medina pump station is aging and we are replacing equipment to prevent failure, overflows, and service disruptions.
- The work at the Medina Pump station is part of an effort to upgrade aging sewer system equipment in King County. This project will help protect the neighborhood and Lake Washington from sewer overflows coming from the station.
- This is best done as a short-term, planned equipment replacement, rather than as an emergency repair.
- The County will mitigate for noise coming from the temporary pumps and diesel engines required for this project to meet City of Medina allowed maximums.
- Overnight hauling:
 - Hauling will occur over approximately six hours for one night.
 - The work will be done during the dry season, when the least amount of wastewater is flowing through the sewer pipes.
 - We must do the work at night when most people are not showering, washing dishes, doing laundry, or flushing the toilet.
 - To install a permanent bypass at the Medina Pump Station, wastewater will be diverted and the force main leading to the pump station will be drained and pumped into septage hauling trucks. The trucks will carry the wastewater to the Wilburton Siphon where contractors will discharge the wastewater into a sewer maintenance hole before the trucks return to the pump station to be refilled. This is anticipated to take approximately six-hours. We will provide map of haul route once it is available.
 - What to expect while the force main is drained (approximately six hours overnight):
 - Some traffic impacts – flaggers and/or signs will direct people around the work area.
 - Work in the road outside the pump station.
 - Light tower with a portable generator illuminating the work area.

- Vehicle noise from trucks entering and exiting the area.
- Three to four trucks idling as they wait to be filled with wastewater.
- After the force main is drained, the permanent bypass valve will be installed and although the temporary pumps will continue to run to bypass the station while the header is being replaced (approx. 3-4 weeks), the only pumping out and hauling will be done during a very short period, approximately 6 hours on one night.