

MEMORANDUM

DATE: July 1, 2025

TO: Aaron Eder, PE, Stantec Consulting Services, Inc.

FROM: Dana Beckwith, PE, PTOE
Richard Martin, EI

SUBJECT: Bull Run Filtration Facility – Sandy Pump Station Trip Generation and Distribution
Memorandum

P24-083

This memorandum summarizes the trip generation and distribution report for the Sandy Pump Station proposed for development at the future Portland Water Bureau Bull Run Filtration site which is located east of SE Cottrell Road with frontage on the eastern terminus of SE Carpenter Lane in Multnomah County, Oregon. The Sandy Pump Station will be built in lieu of the previously approved but not yet constructed Pleasant Home Pump Station. Figure 1 shows a vicinity map.

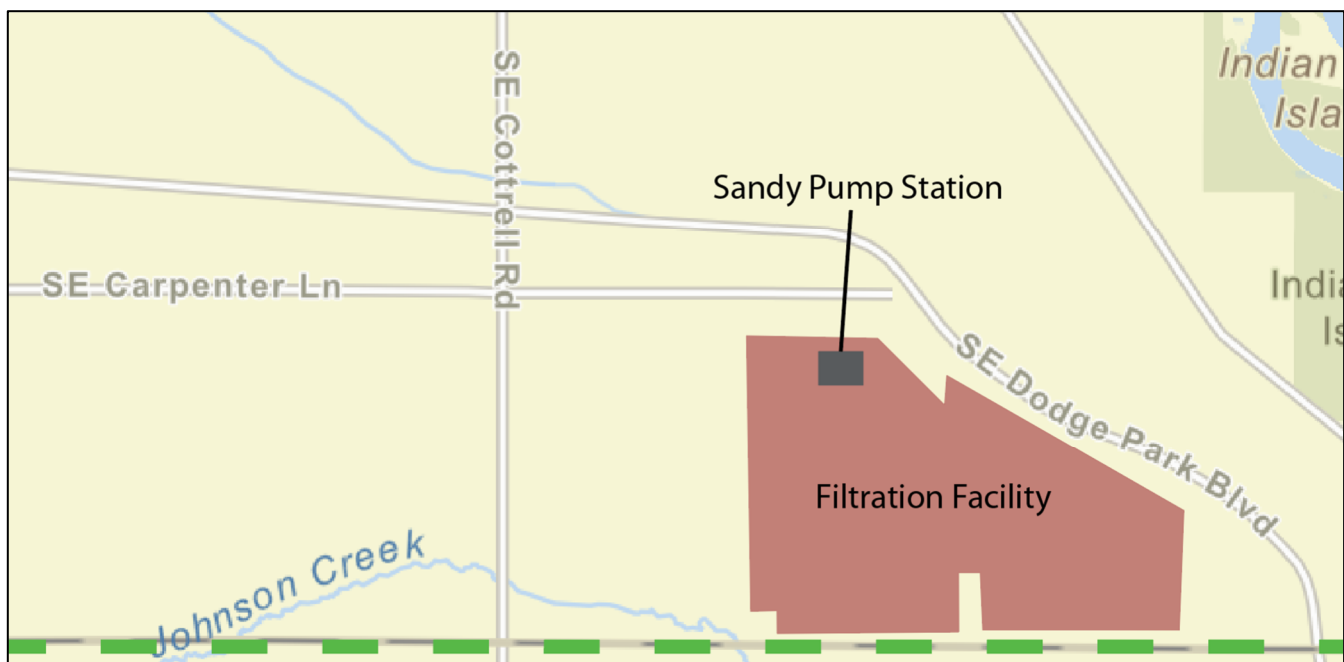


Figure 1: Vicinity Map

The traffic impact analysis conducted for the Filtration site included an allocation for traffic volumes that were associated with the construction¹ and ongoing operations² of the Pleasant Home Pump Station. The Sandy Pump Station serves the same purpose and has the same maintenance and staffing requirements for construction and ongoing operations as the Pleasant Home Pump Station. As such, no new site trips are anticipated with the construction of the Sandy Pump Station.

¹ PWB Filtration Facility Construction TIA dated May 8, 2023.

² PWB Filtration Facility Ongoing Operations TIA dated September 2, 2022.

No additional new site trips will be generated, and no new transportation impacts will be created by the approval of the Sandy Pump Station for either the construction process or ongoing operations.

Trip Generation and Distribution

Construction

Trip generation and distribution for construction of the Pleasant Home Pump Station has previously been accounted for in the Construction Traffic TIA for the filtration facility site. Construction traffic for the Sandy Pump Station will follow the same trip distribution assumptions outlined in the previously approved Construction Traffic TIA. No new construction trips or traffic impacts will occur.

Ongoing Operations

The Sandy Pump Station will generate one trip per week by City of Sandy Operations and Maintenance staff. This trip is anticipated to occur outside of the typical weekday peak hours because the Sandy Operations center is in Sandy and trips will be conducted by employees traveling from the Operations center to the pump site during the typical workday. The City of Sandy staff will likely travel to and from the Pump Station via SE Bluff Road and SE Cottrell Road. This trip has previously been accounted for in the approved Ongoing Operations TIA as a trip to the Pleasant Home Pump Station.

SUMMARY

The Sandy Pump Station is proposed for construction at the Bull Run Filtration Facility site. The new Sandy Pump Station will be built in lieu of the previously approved but not yet constructed Pleasant Home Pump Station. Construction and ongoing operations traffic for the Pleasant Home Pump Station were included in the previously approved Construction and Ongoing Operations TIAs for the Filtration Facility site. The Sandy Pump Station does not create additional transportation system impacts, construction traffic, or ongoing operations traffic.