



King County

Department of Natural Resources and Parks
Wastewater Treatment Division
West Point Treatment Plant, WTP-NR-0100
1400 Discovery Park Blvd
Seattle, WA 98199-1044

March 11, 2019

TO: Robert Waddle, WTD Operations Manager

FROM: Process Control Staff

SUBJECT: West Point Treatment Plant Performance Report – February 2019

All discharge requirements were met in February at the West Point Wastewater Treatment Plant. There were two days when flow was diverted around secondary, February 12 and 16. A total of 1.63 million gallons (MG) was diverted. Effluent cBOD averaged < 25 mg/L and TSS averaged < 30 mg/L. Effluent pH was maintained between 6.0 and 9.0.

Total Plant flow at West Point averaged 114.24 MGD, 8.77 MGD below the average February flow for the previous five years (123.01 MGD). North end flows were sent to South Plant and Brightwater via Woodinville and North Creek.

Seattle had higher-than-normal precipitation in February, and was the snowiest February in Seattle history. West Point recorded a total of 3.18 inches (the same total as January) of precipitation for the month. There was measureable precipitation on fourteen days during the month, with the heaviest rainfall falling on February 11 (0.73 inches total). SeaTac recorded 4.62 inches of precipitation, 1.12 inches above the normal February rainfall of 3.50 inches. The total snowfall was 20.19 inches. The National Weather Service Office at Sand Point recorded 3.98 inches of precipitation, 0.67 inches below the normal 3.31 inches. The snowfall total was 11.40 inches.

Primary Treatment

Primary treatment operated with all twelve tanks in service during most of the month. On February 15, tank 2E was taking out of service to repair flights. Tank 2W went out of service the next day, also due to flight problems. Tank 2E returned to service February 18 and 2W returned to service February 20.

Secondary Treatment

