

**Non-Significant Change for the Action Memorandum for
200-BP-5 Operable Unit Groundwater Extraction**

(DOE/RL-2016-41, Rev. 0)

November 2016

**Memo to File Regarding: Eliminating the Limitation on the Pumping Rate
For the wells extracting groundwater from the B Complex**

An action memorandum for the 200-BP-5 Operable Unit (OU) to address uranium and technetium-99 groundwater contamination that exceeds 10 times their respective drinking water standards at the B Complex was issued in November 2016. This action memorandum addresses the extraction of groundwater from the B Complex. Contaminants from the ground water below the B Complex, which include both radioactive and chemical hazardous substances, will be mixed with water from other waste streams for treatment at the 200 West Pump and Treat Facility. The contaminant concentrations from extracted 200-BP-5 groundwater are within the treatment capacities of the 200-West Pump and Treat Facility, and injection of the treated water will meet 200 West P&T effluent requirements.

The action memorandum contains a limitation of 586 L/min (150 gpm) on the amount of groundwater that can be pumped from the aquifer within the plume area. This was the design capacity of the 200 West Pump & Treat Facility for B Complex extracted groundwater. Further operating history has determined that the 200 West Pump & Treat facility can sustain a higher pumping rate from the B Complex.

US Department of Energy, Richland Office has determined that having a maximum pumping rate is no longer necessary and this action memorandum allows the extraction of groundwater greater than 586/L min (150 gpm). The extracted groundwater associated with this non-significant change will not exceed the treatment capacity for the 200 West Pump & Treat Facility.


US Department of Energy

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Date


State of Washington Department of Ecology

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