

The Memorandum of Understanding (MOU) between the City of Idaho, the City of Salt Lake City, Utah, Potomac River Network (PRN) and the Idaho Chapter of the Sierra Club.

PURPOSE OF THIS AGREEMENT

1. To allow the City of Idaho to meet its wastewater management needs while satisfying PRN's water quality and other water pollution control requirements.
2. To provide long-term protection of and improvements to the water quality of the Lower Snake River.

BACKGROUND

The City of Idaho is creating a National Pollution Discharge Elimination System (NPDES) permit for the Idaho Professional Protection Agency (IPPA) to discharge its effluent to the City's new Snake Wastewater Treatment Plant (SWTP). The permit also requires several water pollution loadings to the Lower Snake River. Snake water quality control regulations require the City to minimize such pollutant loadings.

The City entered into Potomac River Network and Sierra Club long-term clean water agreements to assist it in meeting water quality protection requirements. The MOU sets forth the details of all parties during the life of NPDES permit No. 8-000000 as modified as required by these agreements below.

AGREEMENT

The design average flow of the SWTP will increase from a daily average flow of 1.0 million gallons per day (MGD) to 1.7 MGD. In order to ensure adequate water capacity, the City will complete certain upgrades to the SWTP including but not limited to additional grit removal, a selective aeration system of the existing oxidation tank, new additional clarifier, modifications to the UV disinfection system, one additional flocculation stage tank, and a new chemical dosing facility.

Biological Nutrient Removal (BNR). In order to minimize nutrient loadings to the Lower Snake River, the City will construct a new selective denitrification system of four installed oxidation systems of the existing oxidation tank. The system will be constructed for maximum operational flexibility and will operate in either AO mode, AO with BOD denitrification or UV mode. Chemical phosphorus removal will be utilized as a backup to BNR. The City agrees to the following NPDES permit Lower Snake River: