

Ravenswood, WV – Phase IIB
New Regional Wastewater Treatment Plant and Forcemain Project
WVIJDC# 2023S-2347
WVDEP SRF #C-544782

The City owns and operates a sewage collection system and a three-cell aerated lagoon treatment facility that is designed to treat an average daily flow of 750,000 gallons per day (gpd) and a peak flow of 1,500,000 gpd of municipal sanitary sewage. The City of Ravenswood's wastewater treatment lagoons have had recurring problems with meeting the design effluent ammonia limit of 15 mg/l; the 2017 WV/NPDES permit lowered the limit to 4.7 mg/l and contained a compliance schedule that mandates a facility upgrade. The old lagoon system will not be able to meet these requirements regardless of an upgrade and will need to be replaced with a new treatment facility.

The City intends to construct a 2,300,000 gallons per day (GPD) new treatment facility that will serve the City of Ravenswood and the redeveloped Century Aluminum site. The new 2.3 MGD SBR wastewater treatment plant will be constructed at the 'old plant' site and will have an average daily flow of 2.3 MGD and a peak daily flow of 10 MGD; it will discharge into the Ohio River.

The City will hold a public meeting to discuss this project on Tuesday May 7th, 2024 at 6:15 PM in Council Chambers located on the 3rd floor of City Hall, 1 Wall Street, Ravenswood, WV 26164.