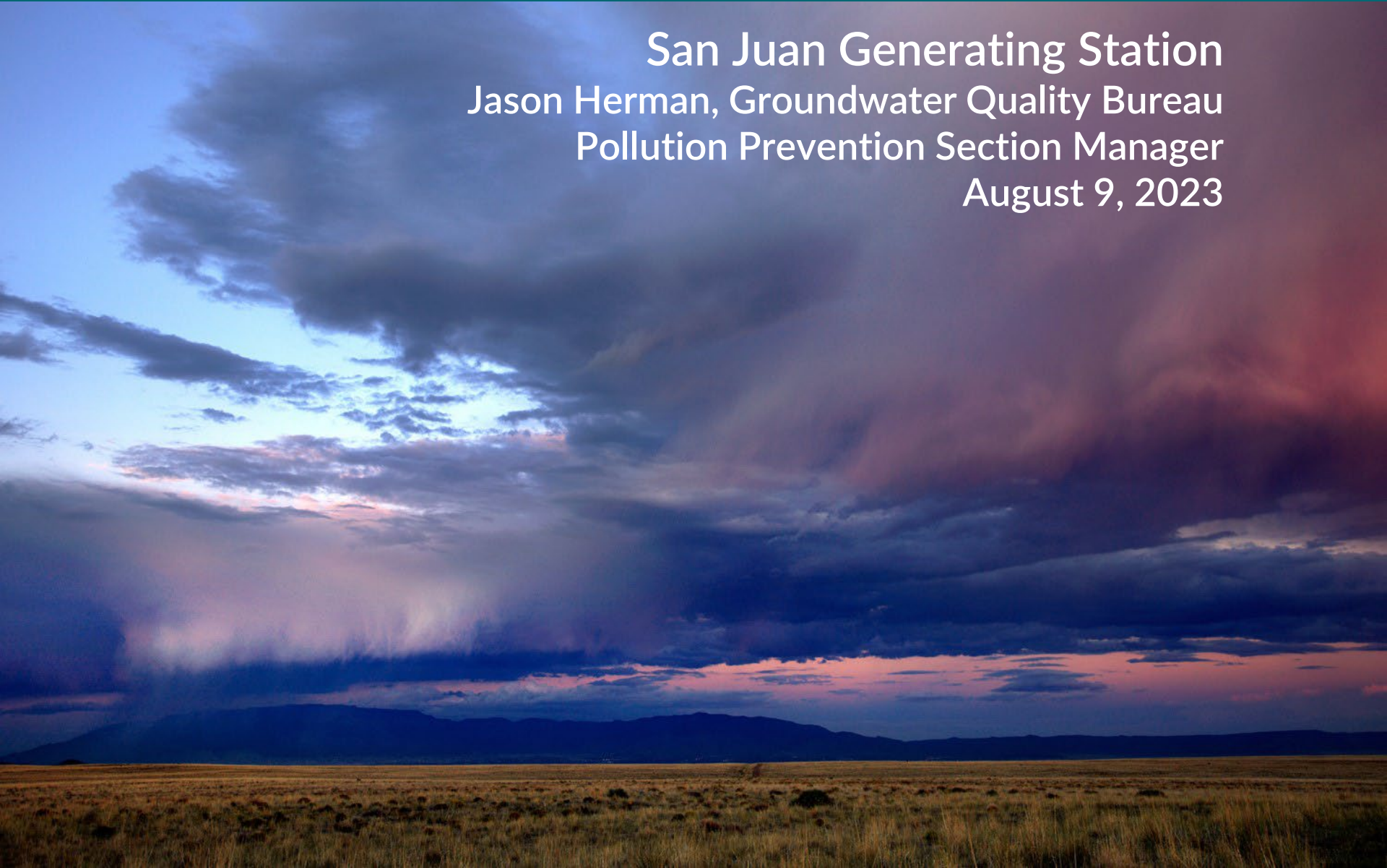




# New Mexico Environment Department

San Juan Generating Station  
Jason Herman, Groundwater Quality Bureau  
Pollution Prevention Section Manager  
August 9, 2023





# GWQB Discharge Oversight at San Juan Generating Station

DP-306: PNM San Juan Solid Waste Pit  
DP-1327: San Juan Generating Station  
DP-1843: Shumway Arroyo GW Recovery Trench





# DP-306: SJGS Solid Waste Disposal Pit

- ❑ Issued April 14, 2021
- ❑ Activities authorized under DP-306 are limited to plant generated residual solid wastes placed in synthetically lined Solid Waste Disposal Pit.
- ❑ Associated Closure Plan to prevent exceedances of the groundwater protection standards (20.6.2.3103 NMAC) upon cessation of operations.
- ❑ Associated financial assurance for the implementation of all aspects of closure and post-closure care.



# DP-1327: San Juan Generating Station

- Issued April 14, 2021
- Activities authorized under DP-1327 are limited to discharges of wastewater, process water, storm water, and recovery trench water to ponds and basins.
- NMED approved Closure Plan (October 13, 2019).
- Financial assurance for closure and post-closure care.



# DP-1843: Shumway Arroyo Groundwater Recovery Trench

- Application for renewal received
- Activities authorized under DP-1847 are limited to the discharge of groundwater from the Shumway Arroyo Groundwater Recovery System into South Evaporation Ponds (DP-1327).
- Closure Plan and financial assurance will be required in upcoming Discharge Permit.



# Financial Assurance

- DP-306 and DP-1327 have combined financial assurance of \$45,960,000.00 (surety bond)
- First two discharge permits required to provide financial assurance.
- Closure Plan and financial assurance will be required in upcoming Discharge Permit 1847 renewal. (Shumway Arroyo Groundwater Recovery System)



# House Bill 142

- Requires EMNRD and NMED to contract with outside professionals to assist in the study of remediation and restoration options for SJGS.
- Memorandum of Agreement with Economic Development Division for funding executed 7/28/2023.
- Developing scope of work.
- Procurement of 3<sup>rd</sup> party environmental contractor.