



DRBC Storage Studies

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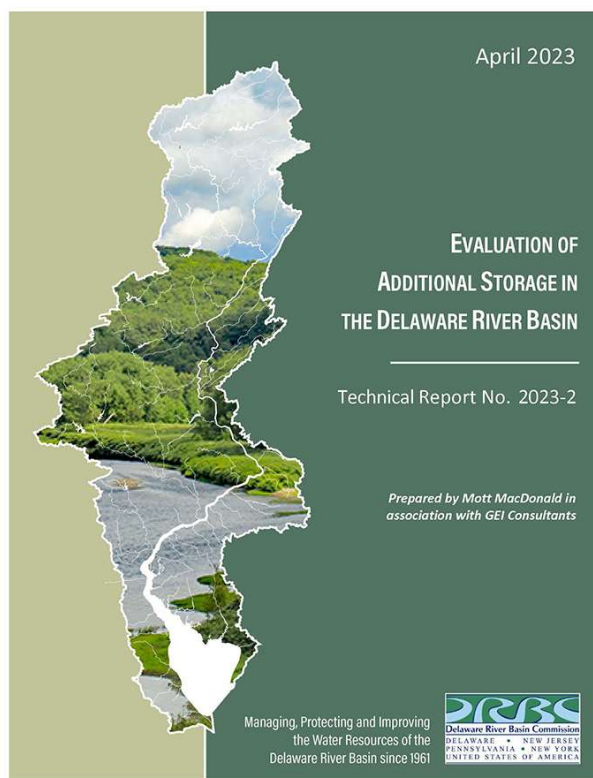
Regulated Flow Advisory Committee



Presented to an advisory committee of the DRBC on March 20, 2025.
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Storage Study Phase I

Water Availability – Climate Adaptation – Flow, Drought, and Salinity Management



- Initiated in 2021
- Performed by Mott MacDonald (RFP)
- Scope
 - Inventory Potential Sources
 - Develop screening criteria
 - Evaluate and prioritize reservoirs
 - Screened to 14 projects
- Vetted through WMAC
- Report Issued in April 2023



<https://www.nj.gov/drbc/programs/flow/reservoir-storage-study.html>

Storage Study Phase I

Evaluation Criteria



<https://www.nj.gov/drbc/programs/flow/reservoir-storage-study.html>

- Water Quantity & Quality
- Infrastructure Design, Construction & Operation
- Environmental Impacts
- Social and Economic Impacts
- Project Cost & Schedule
- Ancillary Benefits

Storage Study Phase I

14 Projects: 12 Quarries, 2 Reservoirs

- Detailed Summaries

- Quarries

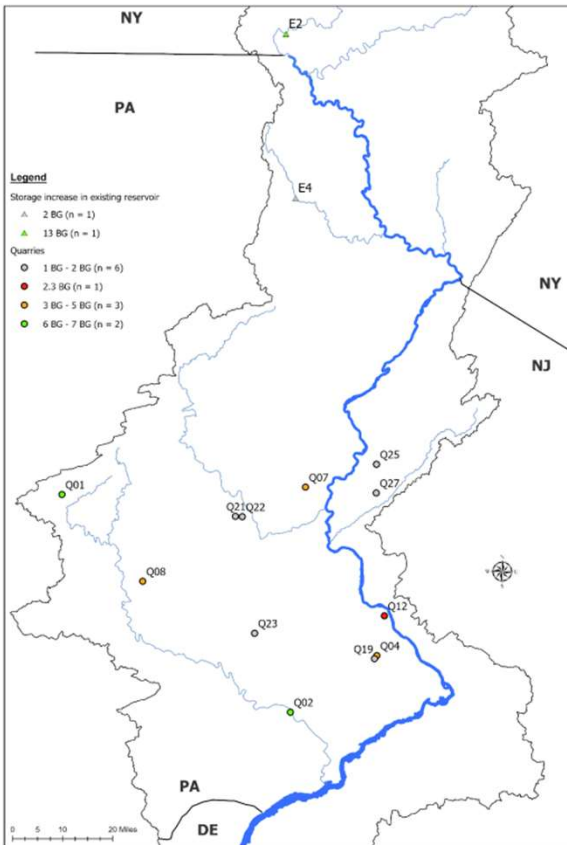
- 11 in PA, 1 in NJ
- 1 BG – 6.9 BG

- Reservoirs

- Cannonsville
- Prompton

- FE Walter

- separate study by USACE
- Sponsored by DRBC/NYCDEP



<https://www.nj.gov/drbc/programs/flow/reservoir-storage-study.html>

Storage Study Phase II

- Resolution for the Minutes approved in June 2024.
- Two track study with Mott MacDonald (MM)
 - 3 Quarries (Penn Park, Evansville, Moores Station / Trap Rock)
 - Cannonsville expansion
- Requires 3 different contracts
 - DRBC & MM for 3 Quarries – awaiting signatures
 - DRBC & NYCDEP for Cannonsville work – contract framework established
 - DRBC & MM for Cannonsville – pending DRBC/NYCDEP contract