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Heightened funds for water infrastructure.

- \$4 billion in the NY “Clean Water Infrastructure Act” since 2017, +\$500M 2022.
- \$300M annual NY “Environmental Protection Fund” goes \$400M this year.
- Federal storm disaster recovery funds: FEMA (DR) and HUD (CDBG).
- About \$1 billion annually in CWSRF zero (hardship) and subsidized loans (1/2 interest).
- EPA “Geographic” Programs (e.g., GLRI \$500M+ annually).
- Bipartisan Infrastructure Law (thanks!).
- Proposed NY \$4 billion environmental bond act.

Resilient NY Stream Studies: <https://www.dec.ny.gov/lands/121102.html>

- Supplement to TMDLs, CSO LTCPs and Nine-Element Plans.
- Intersection of flood mitigation, water quality and habitat restoration.
- Studies posted. Funds all costs. About \$70,000 each. 6 months to complete.
- Very specific project recommendations: “Do this, here.” Includes ice jams.
- Recommended projects have increment to address forecasted extreme weather.

Drinking Water Source Protection Program: <https://www.dec.ny.gov/chemical/115250.html>

- Extensive guidance and 100% state funded.
- Get out ahead of problems by actively identifying risks and abatement projects.

Non-Point Source Project Planning Grants: <https://www.dec.ny.gov/pubs/116725.html>

- \$3M annual program, grant for 90% of cost of defined “project planning report.”
- Green infrastructure, stormwater retrofits, MS4 mapping, decentralized wastewater, etc.
- Technical program guide on each project type.
- Prepare a competitive grant application for major funding.

Engineering Planning Grants: <https://efc.ny.gov/epg>

- \$3M annual program, funding 80% of cost of defined “engineering report.”
- Supports about 90 reports annually for “grey” infrastructure in hardship communities.
- Over 75% of engineering reports result in projects.
- Essentially funds complete grant applications to large competitive grant pool.

Environmental Justice Maps: <https://www.dec.ny.gov/public/911.html>

- EJ community projects get extra points on grant scores: “Justice 40” goals.

(over)

Water Quality Improvement Project (WQIP) Program: <https://www.dec.ny.gov/pubs/4774.html>

- 75% grants for “high priority” projects.
- \$272M in grants awarded in 2021.
- E.g., tertiary treatment, CSO abatement, impaired watersheds, HAB action plans, etc.
- Consent Order projects and EJ projects get extra points (53% for EJ communities last year).

Water infrastructure Improvement Act (WIIA) Grants: <https://efc.ny.gov/wiia>

- Grants for more standard wastewater and drinking water projects.
- 25% or \$25M of project cost, whichever is less.
- \$400M for grants allotted in 2021.
- Match with zero and low interest revolving fund loans.

Asset Management for Publicly Owned Treatment Works.

- <https://www.dec.ny.gov/chemical/101412.html>
- State funded pilot program.
- Complete technical guide.
- Software for tracking, management and budgetary support.
- Framework for flood resiliency, energy efficiency and energy generation.
- “Waste not. Want not.”