



# Water Supply and Treatment Feasibility Study

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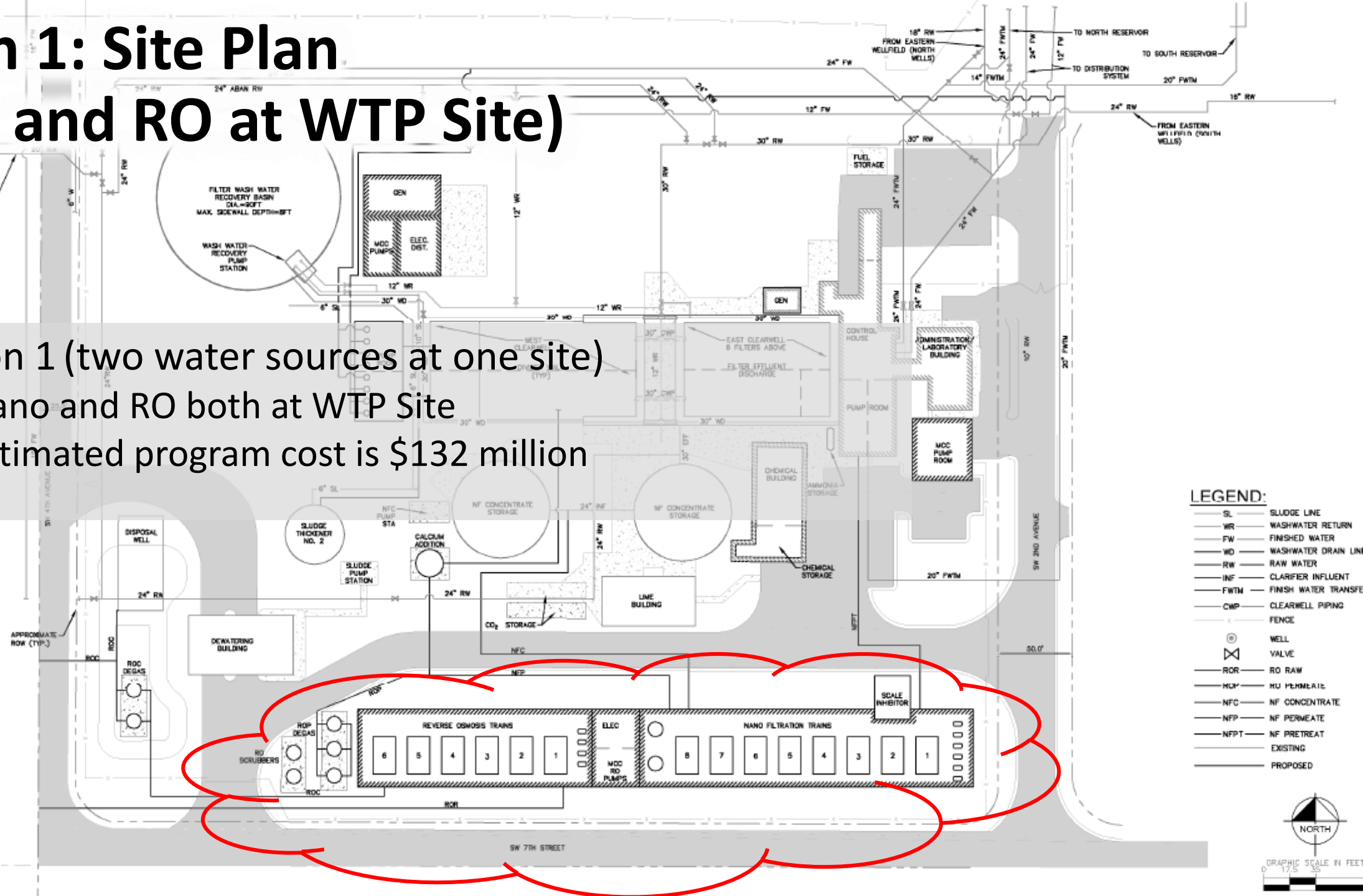
# Factors Impacting the Delray Beach Water System

- Facility age
- Existing WTP capacity
- Required WTP capacity
- Regulations
- Technology improvements



# Option 1: Site Plan (Nano and RO at WTP Site)

Option 1 (two water sources at one site)  
Nano and RO both at WTP Site  
Estimated program cost is \$132 million



# Option 2: Site Plan (Nano at WTP Site/RO at North Reservoir Site)



Option 2 (one water source at separate sites)

Nano at WTP Site and RO at Northern Reservoir Site

Estimated program cost is \$144 million



# Utility Staff Recommendation

- Staff is recommending Option 1 (both plants being located at 434 S. Swinton Avenue) for the following reasons:
  - Cost less to construct
  - Does not require additional property or duplicating operating assets
  - Requires no additional staff
  - Guarantees water quality consistency throughout the City





# Thank You and Questions