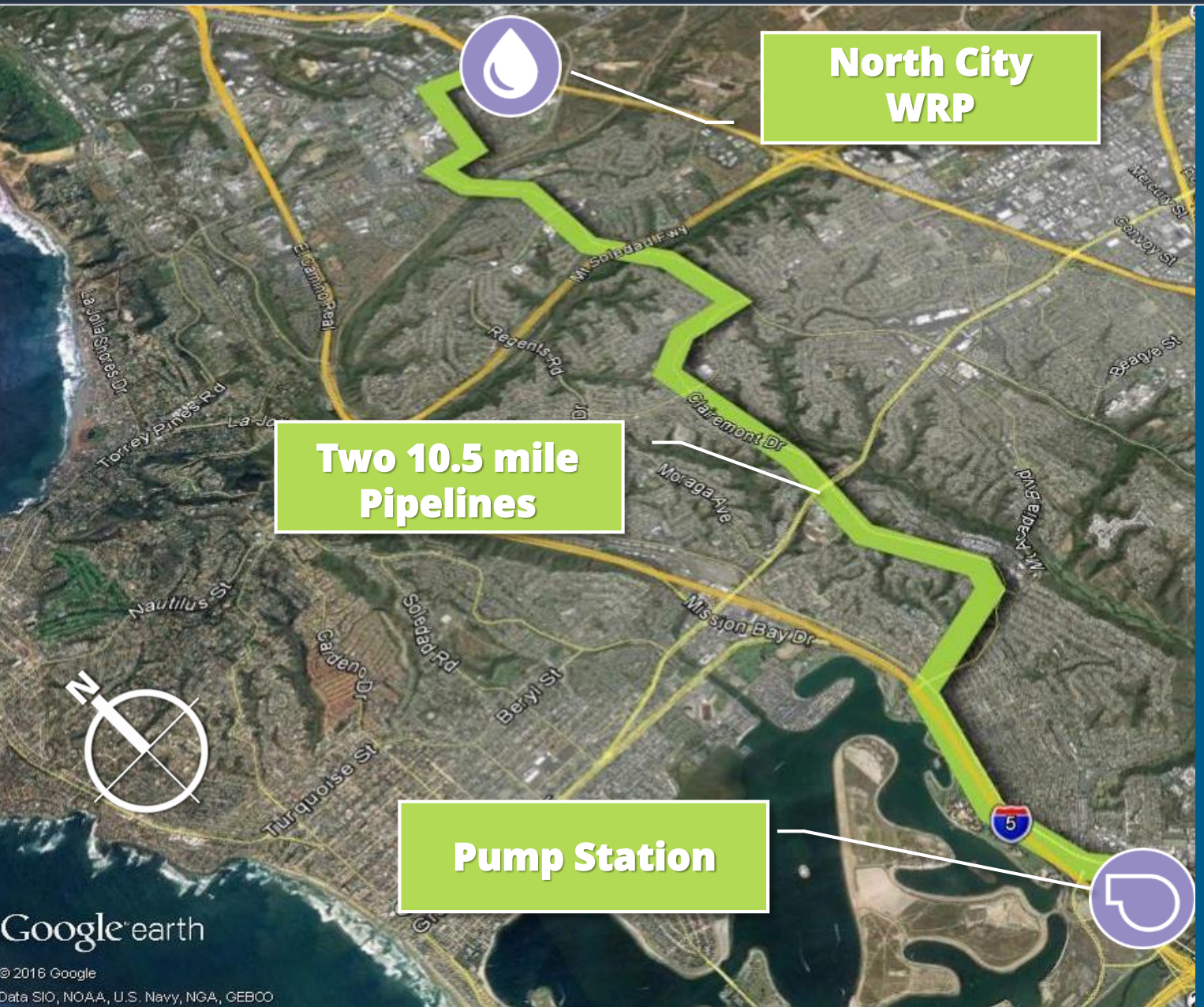
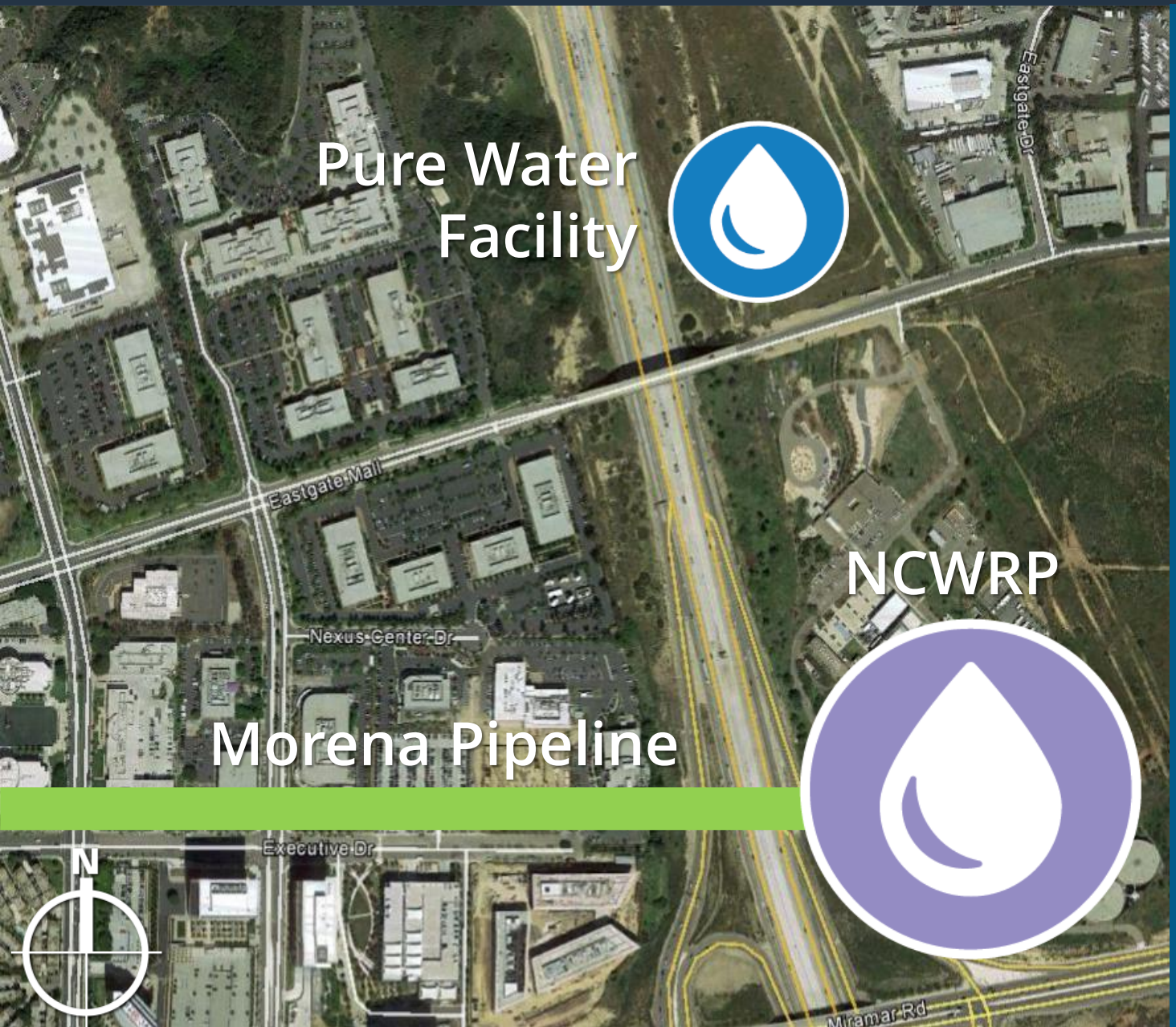
Morena Pump Station and Pipelines



- Conveys wastewater to North City Water Reclamation Plant (WRP)
- Supports Phase I Pure Water and recycled water production
- Trenchless construction will be used to avoid:
  - *environmentally sensitive areas*
  - *freeway crossings*
- Design completion: Mid 2018
- Construction: 2019 – 2021

North City WRP Expansion

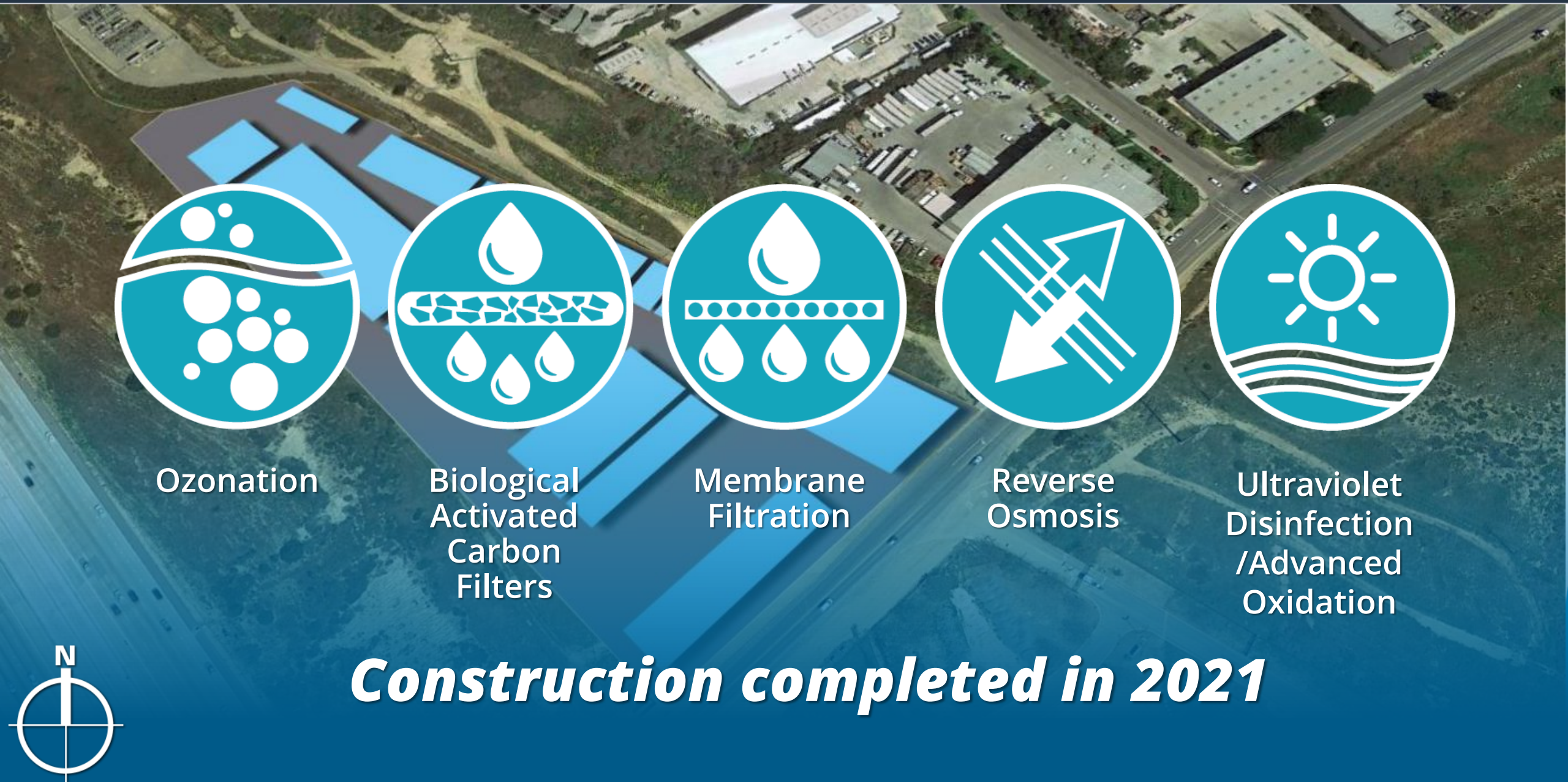


- Treats wastewater to recycled water standards
- Expansion nearly doubles the amount of recycled water produced to meet needs of:
  - *Pure Water Facility*
  - *Recycled Water System*
- Design Completion: Mid 2018
- Construction: 2019 - 2021

North City Pure Water Facility

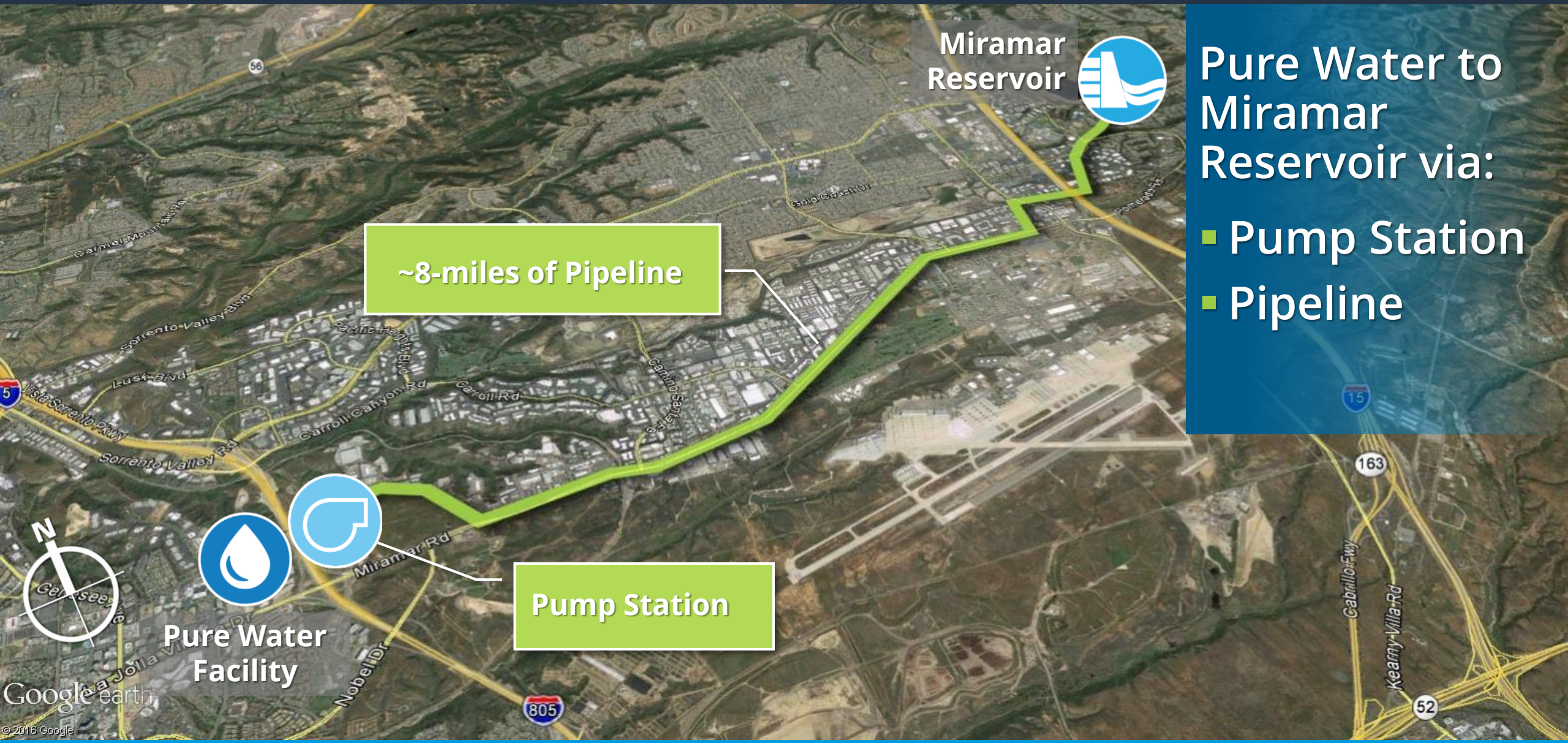
- Treats recycled water to produce 30 mgd of purified water
- Includes a proven 5-step advanced water purification treatment process
- Design Completion: Mid 2018
- Construction: 2019 – 2021

North City Pure Water Facility



Construction completed in 2021

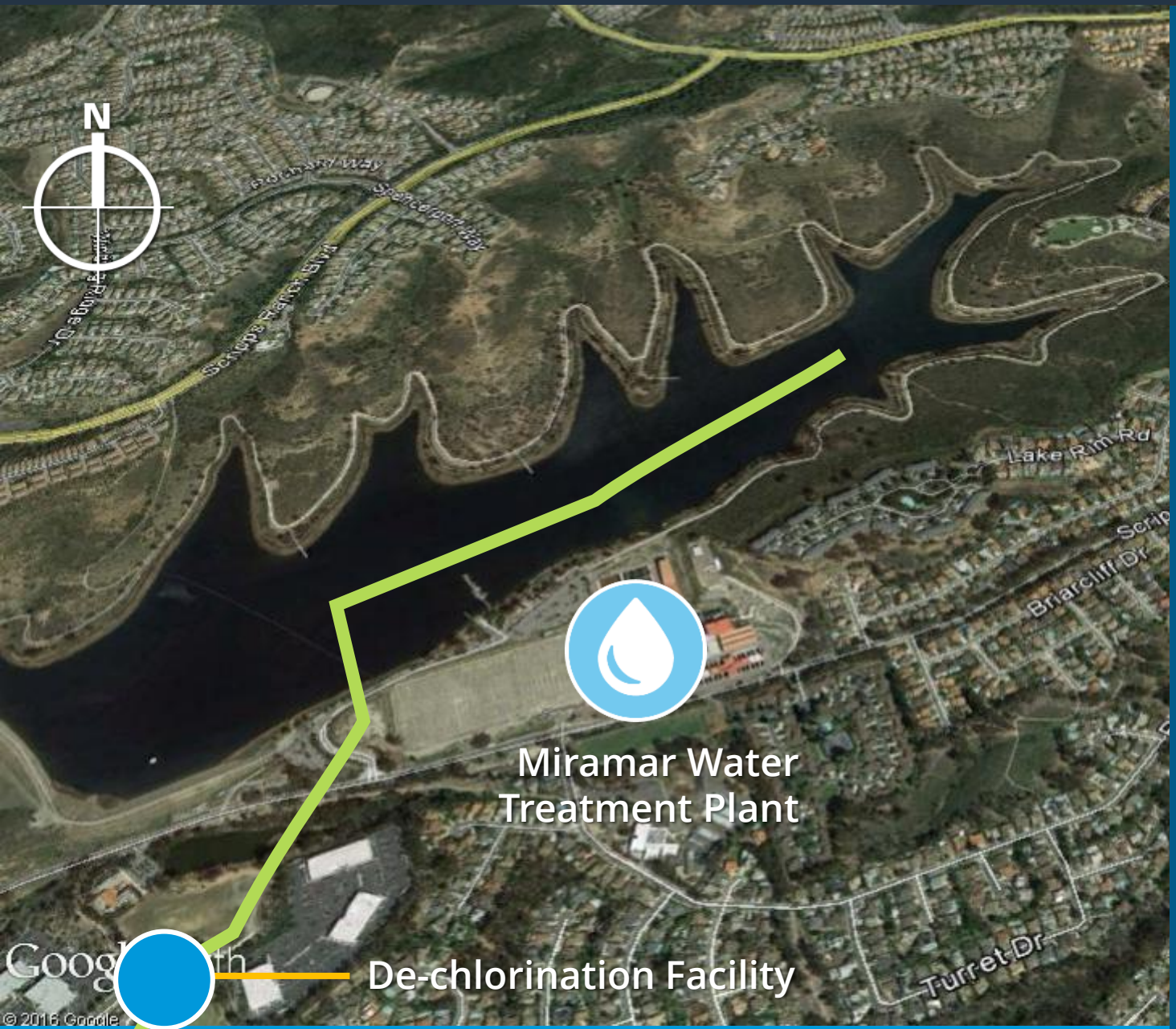
North City Pure Water Pump Station and Pipeline



Pure Water to Miramar Reservoir via:

- Pump Station
- Pipeline

Miramar Reservoir



The purified water:

- Is released via underwater pipeline in the reservoir
- Will blend with imported and local water supplies
- Design Completion: Early 2018
- Construction: 2019 - 2021

North City Renewable Energy

Produces Renewable Energy

- Supports GHG reduction
- ~16 MW