

# Pure Water San Diego Program Phase 1 – North City

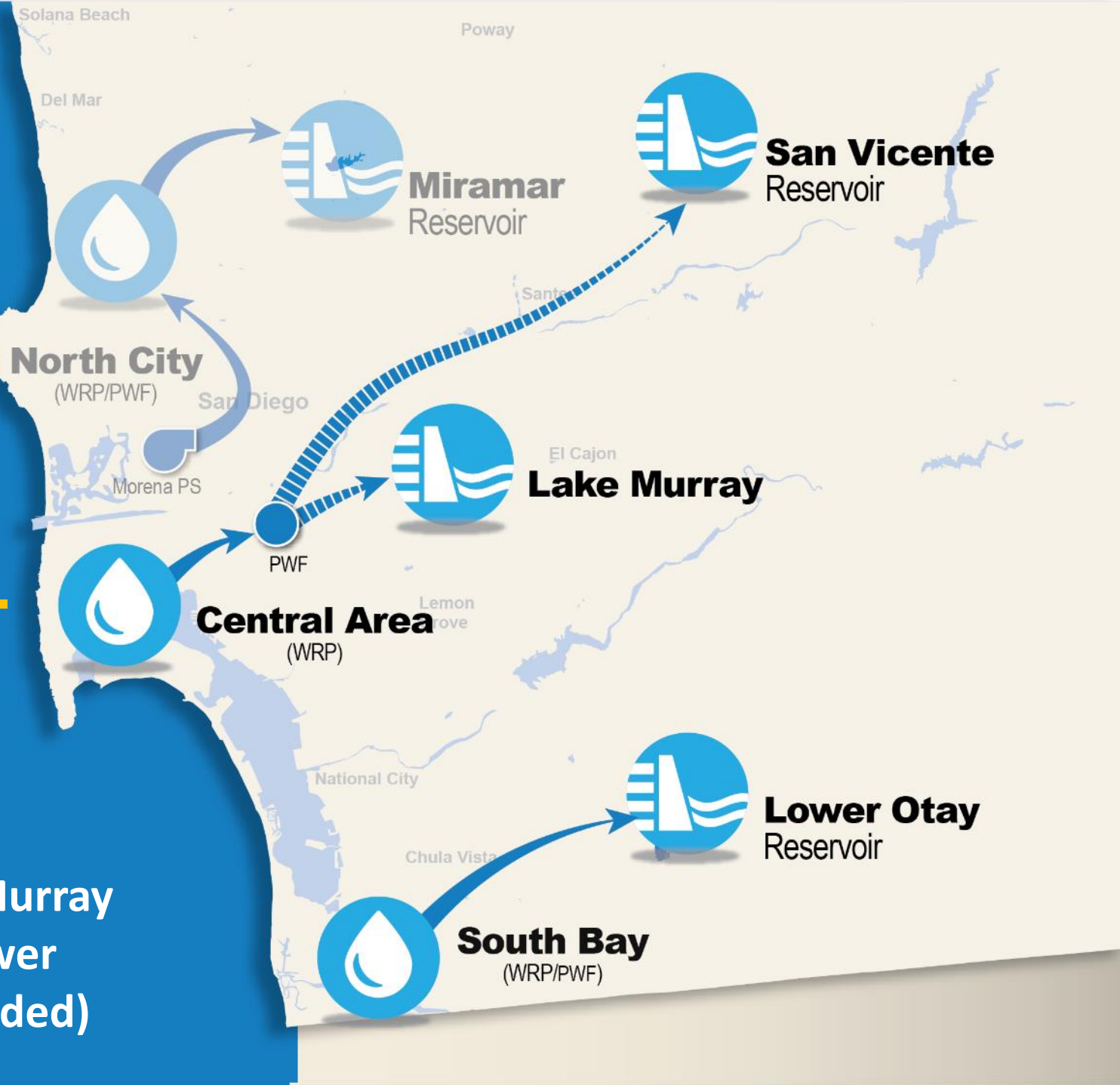
Amy Dorman, Deputy Director

City of San Diego Public Utilities Department

Pure Water  
will produce  
**1/3**  
of your water  
**locally**

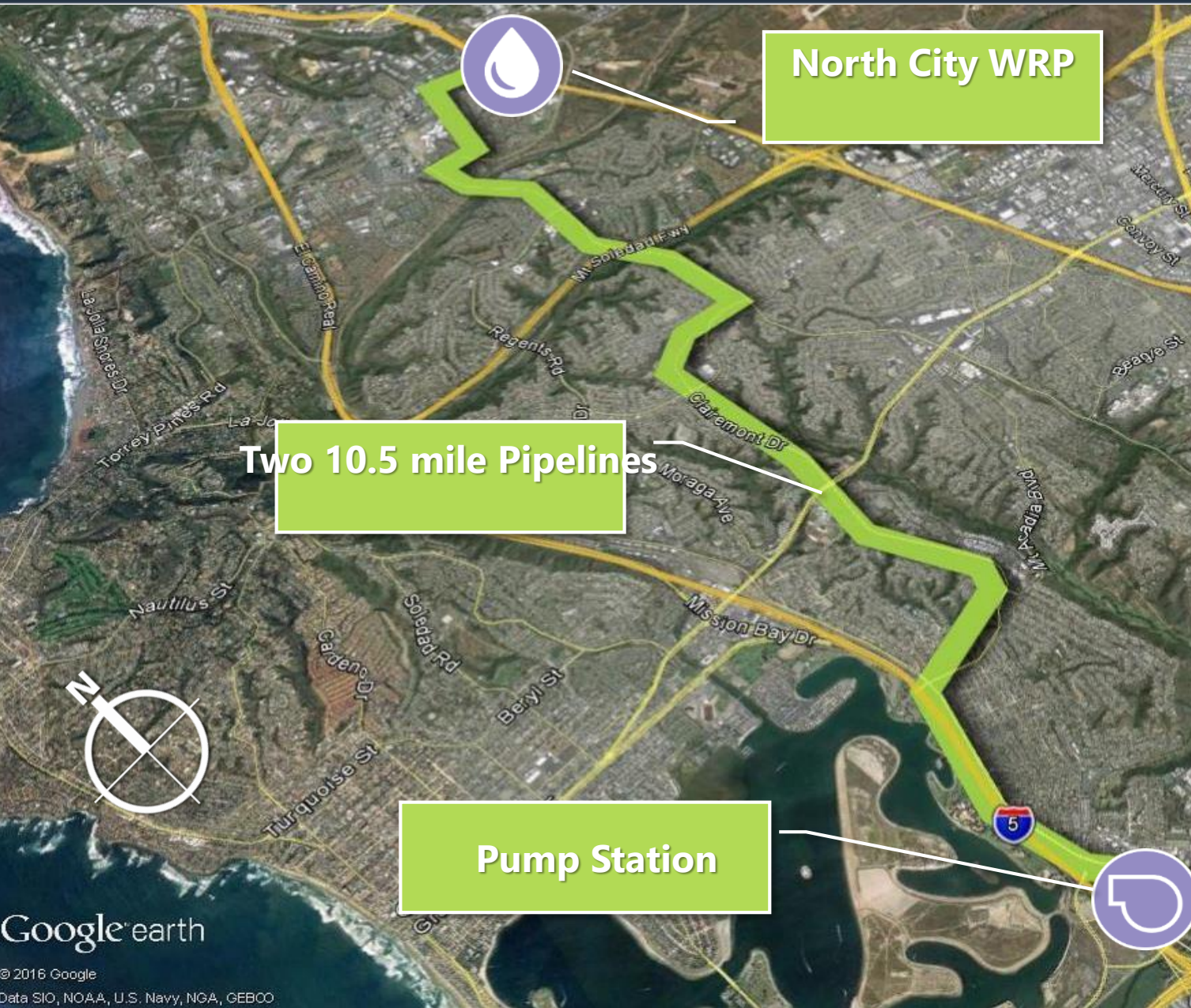
Phases 2 & 3

- 2035 Completion
- 53 mgd
- Central Area PWF to San Vicente or Lake Murray
- South Bay PWF to Lower Otay Reservoir (if needed)





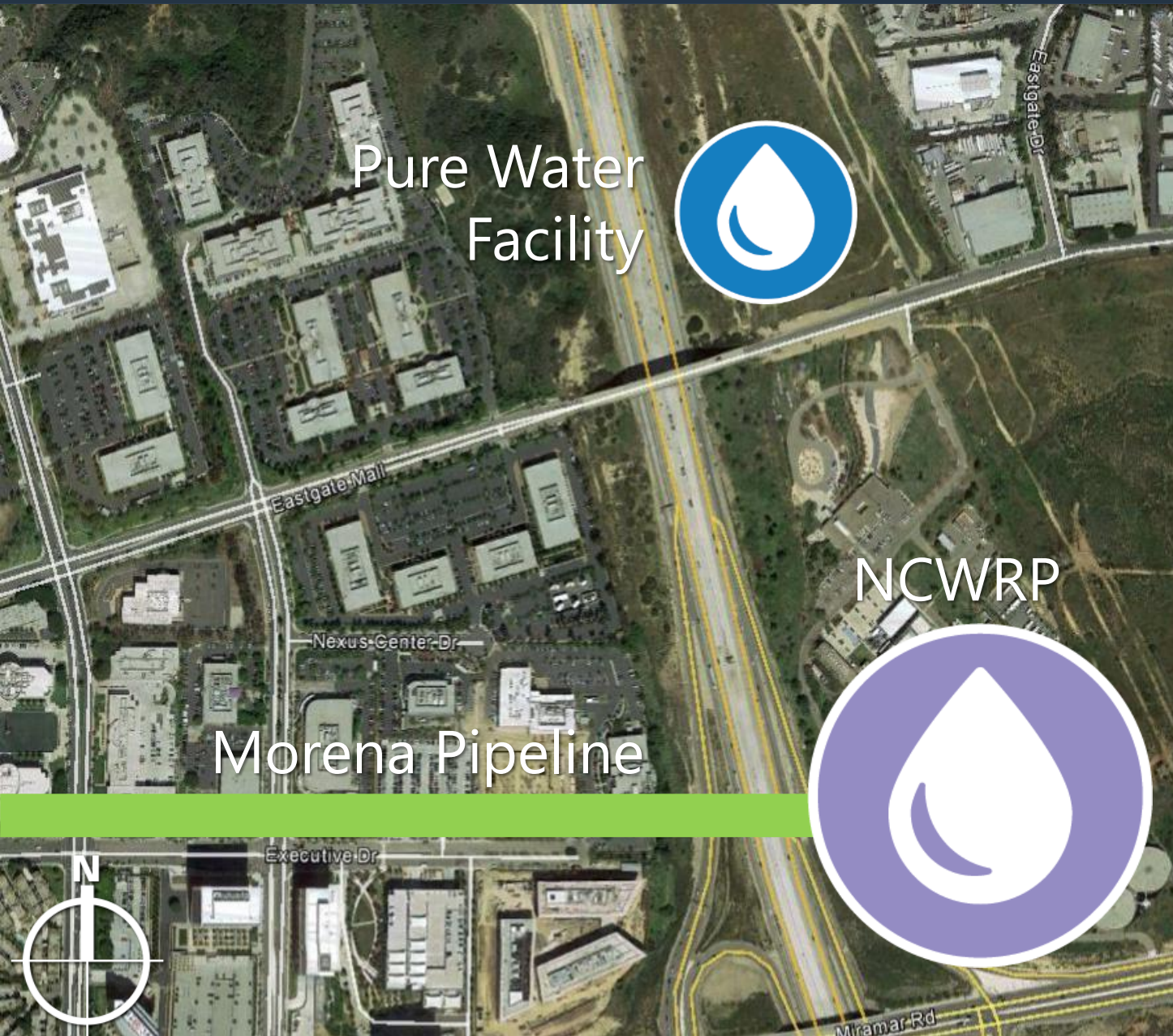
# SD Morena Pump Station and Pipelines



- Conveys wastewater to North City Water Reclamation Plant (WRP)
- Supports Phase 1 purified water and recycled water production
- Trenchless construction will be used to avoid:
  - *environmentally sensitive areas*
  - *freeway crossings*
- Four construction packages



# SD North City WRP Expansion



Pure Water Facility



NCWRP



Morena Pipeline

- 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*
- Three construction packages



# SD North City Pure Water Facility & Pump Station

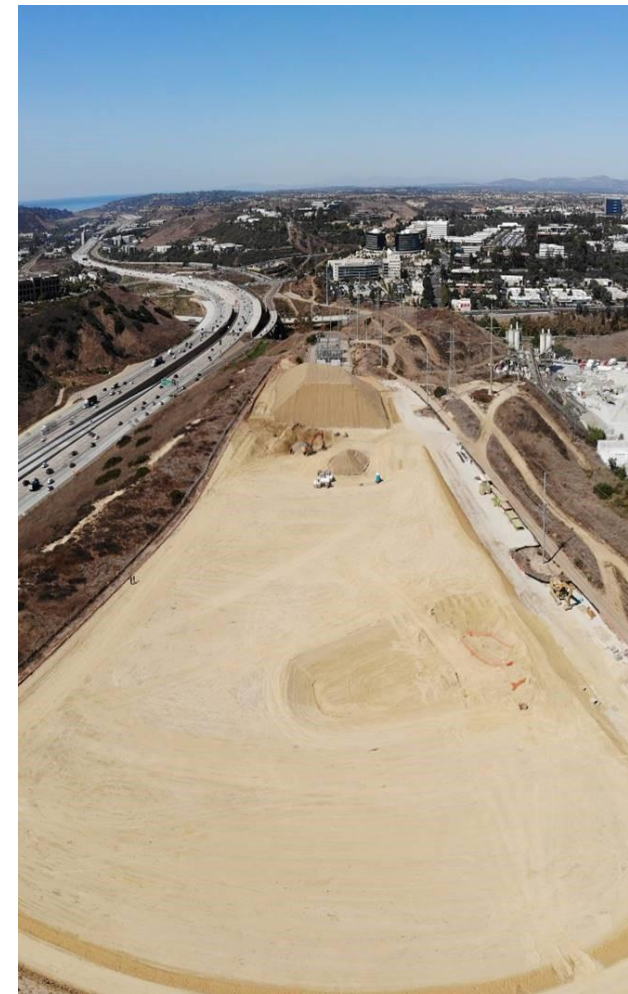


- Treats recycled water to produce 30 mgd of purified water
- Includes a proven 5-step advanced water purification treatment process
- Two construction packages





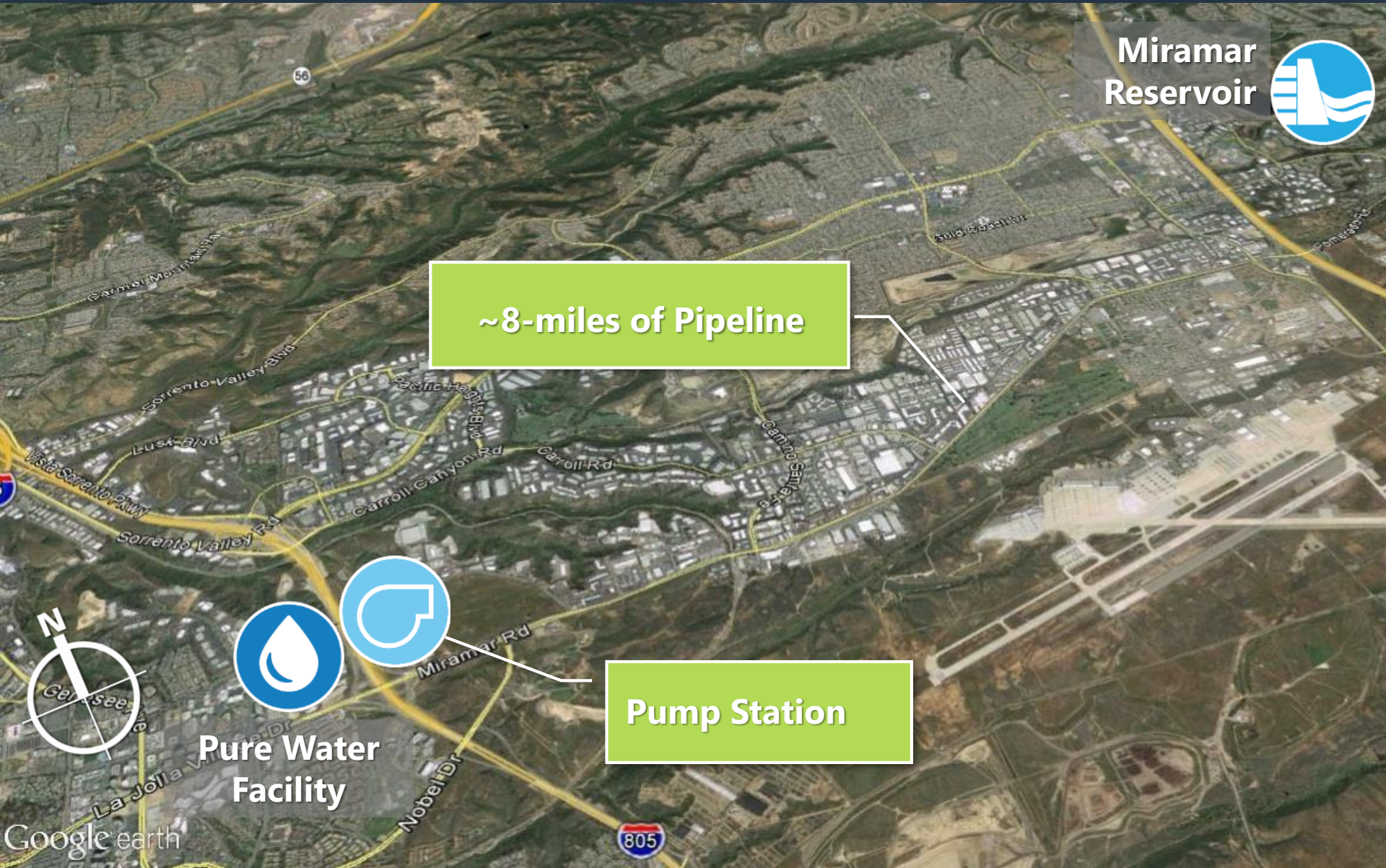
**Early Site Work at the North City Water Reclamation Plant**




**North City Pure Water Facility Site**



# SD North City Pure Water Pipeline & Dechlorination Facility



Miramar Reservoir 

~8-miles of Pipeline

Pump Station



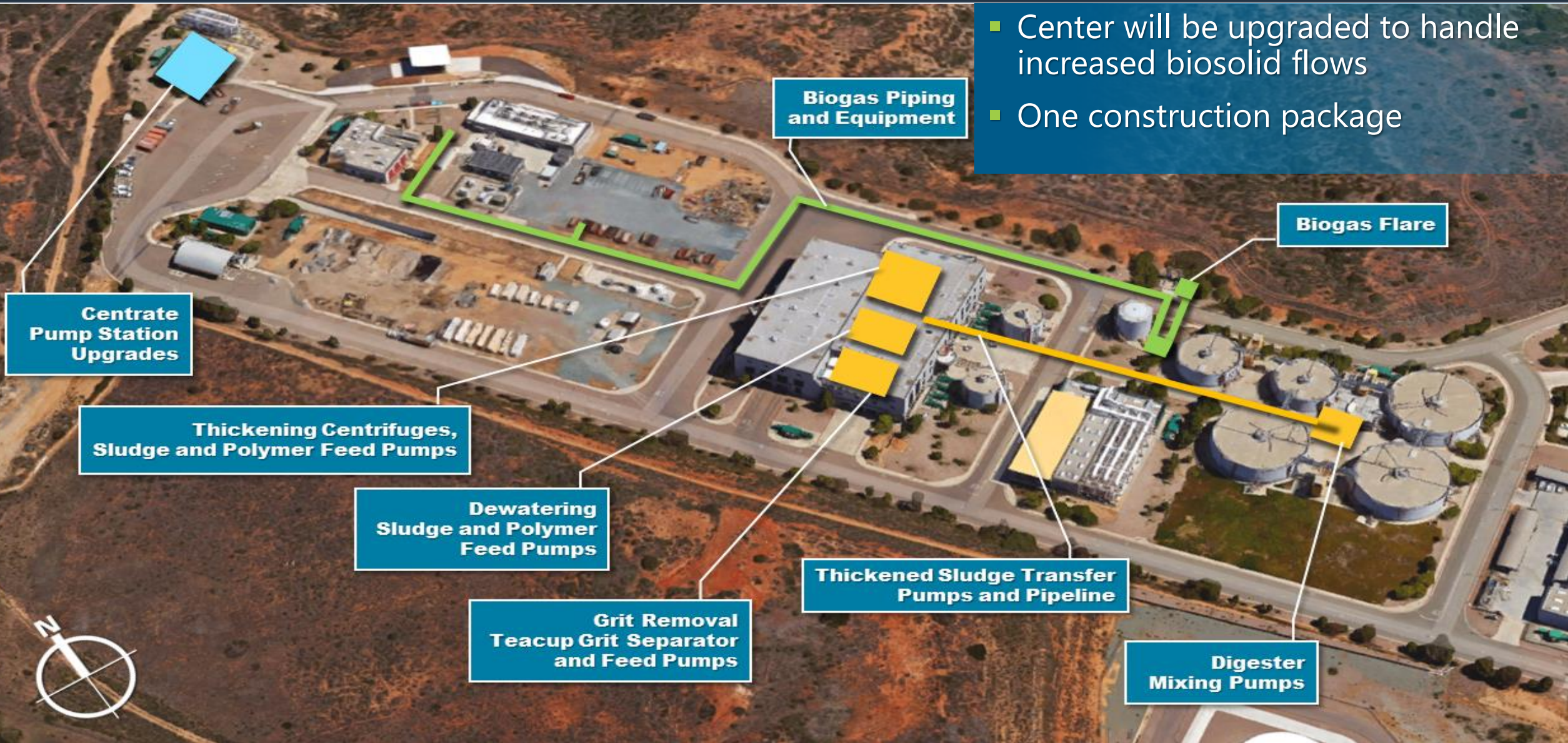
Pure Water Facility

- Pure Water to Miramar Reservoir via:
- Pump Station
  - Pipeline
  - One construction package



# SD Metro Biosolids Center Improvements

- Center will be upgraded to handle increased biosolid flows
- One construction package







# Pure Water Phase 1 - Construction Package Estimates

Project/Construction Package	\$Million*
<b><u>Morena Pump Station and Pipeline</u></b>	
Morena Pump Station	\$94.0
Morena Northern Pipelines & Tunnels	\$86.3
Morena Middle Pipelines	\$53.7
Morena Southern Pipelines & Water Main Replacements	\$78.6
<b><u>North City Water Reclamation Plant Expansion</u></b>	
Early Sitework and Ozone/BAC Relocation and NCPWF Clearing & Grubbing	\$16.4**
NCWRP Expansion, Influent Pump Station and Pipeline	\$193.7
NCWRP Equalization Basin	\$9.7

\*Project cost estimates are based on Pure Water Program 100% design estimates. Costs are uninflated and are construction costs only, including field contingency estimates.

\*\*Contract award price





# Pure Water Phase 1 - Construction Package Estimates

Project/Construction Package	\$Million*
<b><u>North City Pure Water Facility</u></b>	
NCPWF and NCPW Pump Station	\$400.1
<b><u>North City Pure Water Pipeline</u></b>	
NCPW Pipeline and Dechlorination Facility, AC Waterline Replacement Group Job 1038 & Miramar Rd/I-805 Easterly Ramp Project	\$99.5
Sub-Aqueous Pipeline and Miramar Reservoir Pump Station Improvements	\$18.3
<b><u>Metro Biosolids Center Improvements</u></b>	\$33.0

\* Project cost estimates are based on Pure Water Program 100% design estimates. Costs are uninflated and are construction costs only, including field contingency estimates.



# How to do Business with the City



## Advertisement

City Website, Capital Improvements Program (CIP)  
<https://www.sandiego.gov/cip/bidopps>

Register Online: PlanetBids System (PB System™).

**Capital Improvements Program (CIP)**

Capital Improvements Program (CIP) Home | About CIP | **Bid & Contracting Opportunities** | News Center | Project Information | Reports | Industry Meetings | Contact CIP

### Bid & Contracting Opportunities

The City of San Diego provides you with direct access to bidding and contracting opportunities on all its

Bid and Contracting Opportunities



## Prime Contractor Prequalification Program

Requirements for projects over \$15M:

- Complete Application with Updated References
- Audited Financial Statements\*
- Bond Letter
- Complete at least 10 working days prior to bid opening
- Additive bonding capacity for Joint Ventures

For prequalification assistance:

<https://www.sandiego.gov/cip/bidopps/prequalification>

\* Audited financial statements must be conducted by a third party to be considered valid.





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