



Bull Run Fossil Plant Update

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June 17, 2019

Bull Run Fossil Plant

Commissioning Date:

1962-1967

Size of facility:

750 acres

Output:

881 Megawatts (coal)

Number of homes

powered: 400,000

Amount of CCR material:

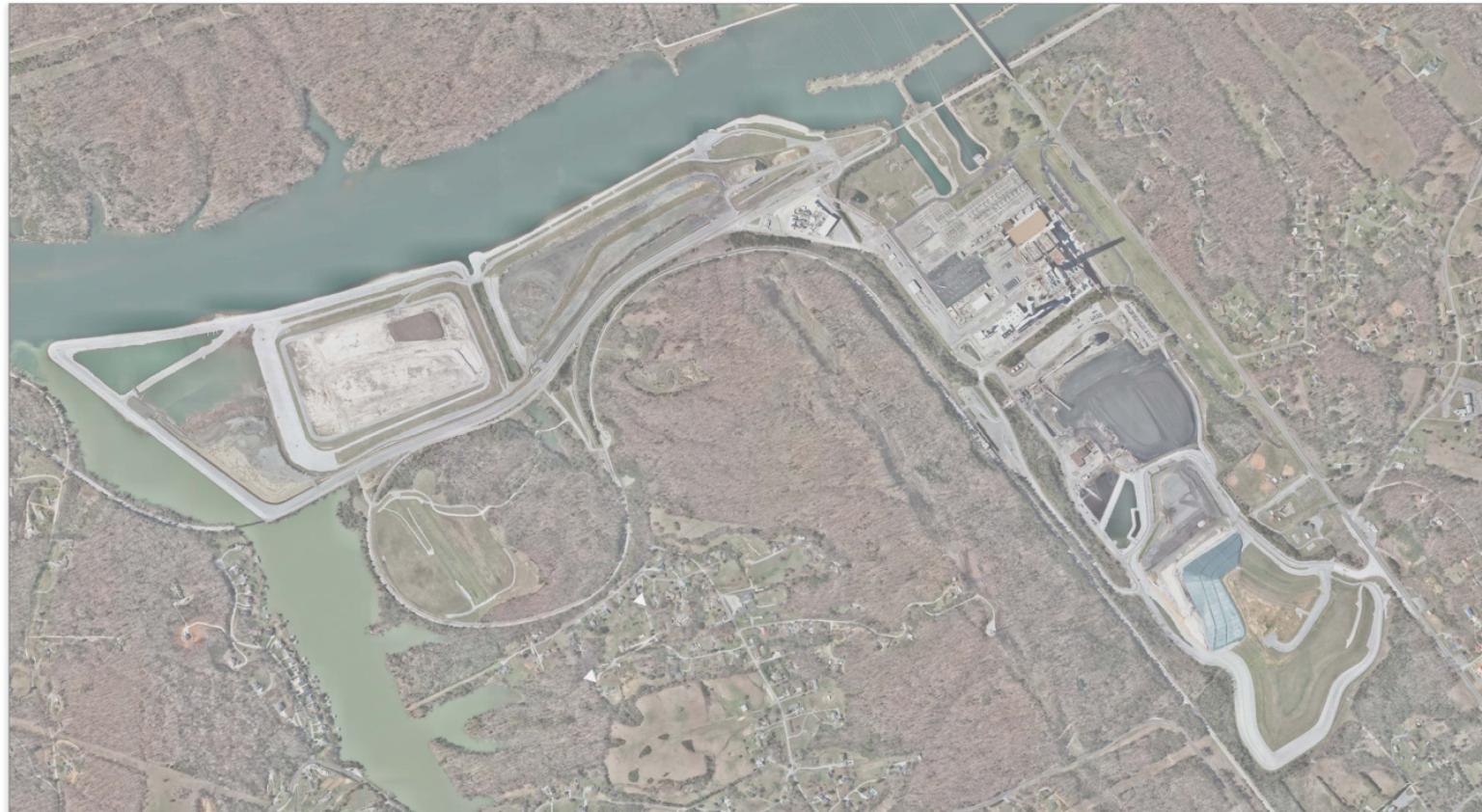
Approx 10.2 million cubic yards

CCR Units to be Closed:

172 acres



Bull Run Environmental Stewardship

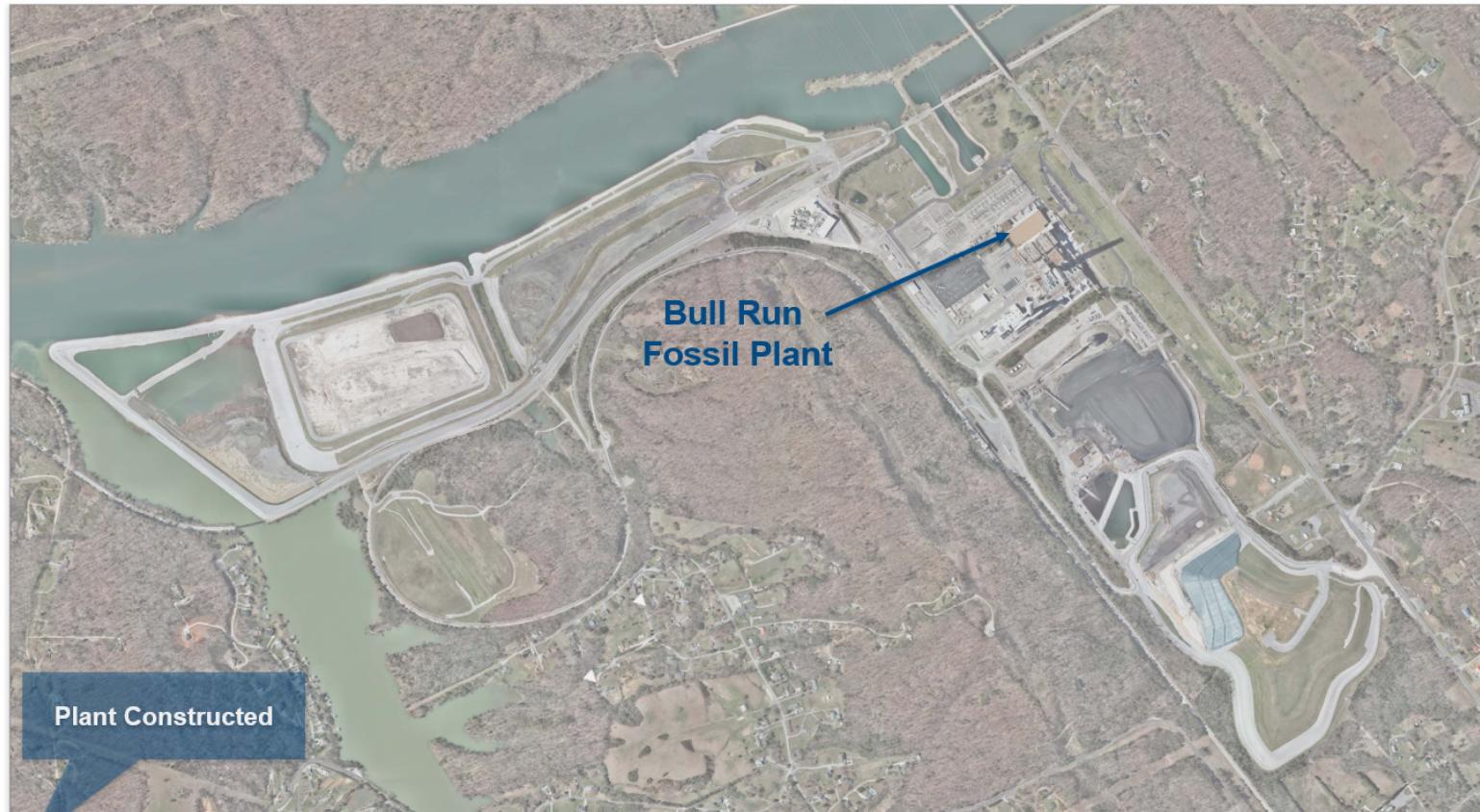


1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020 2025

BULL RUN OVERVIEW -6-17-19 | 3



Bull Run Environmental Stewardship



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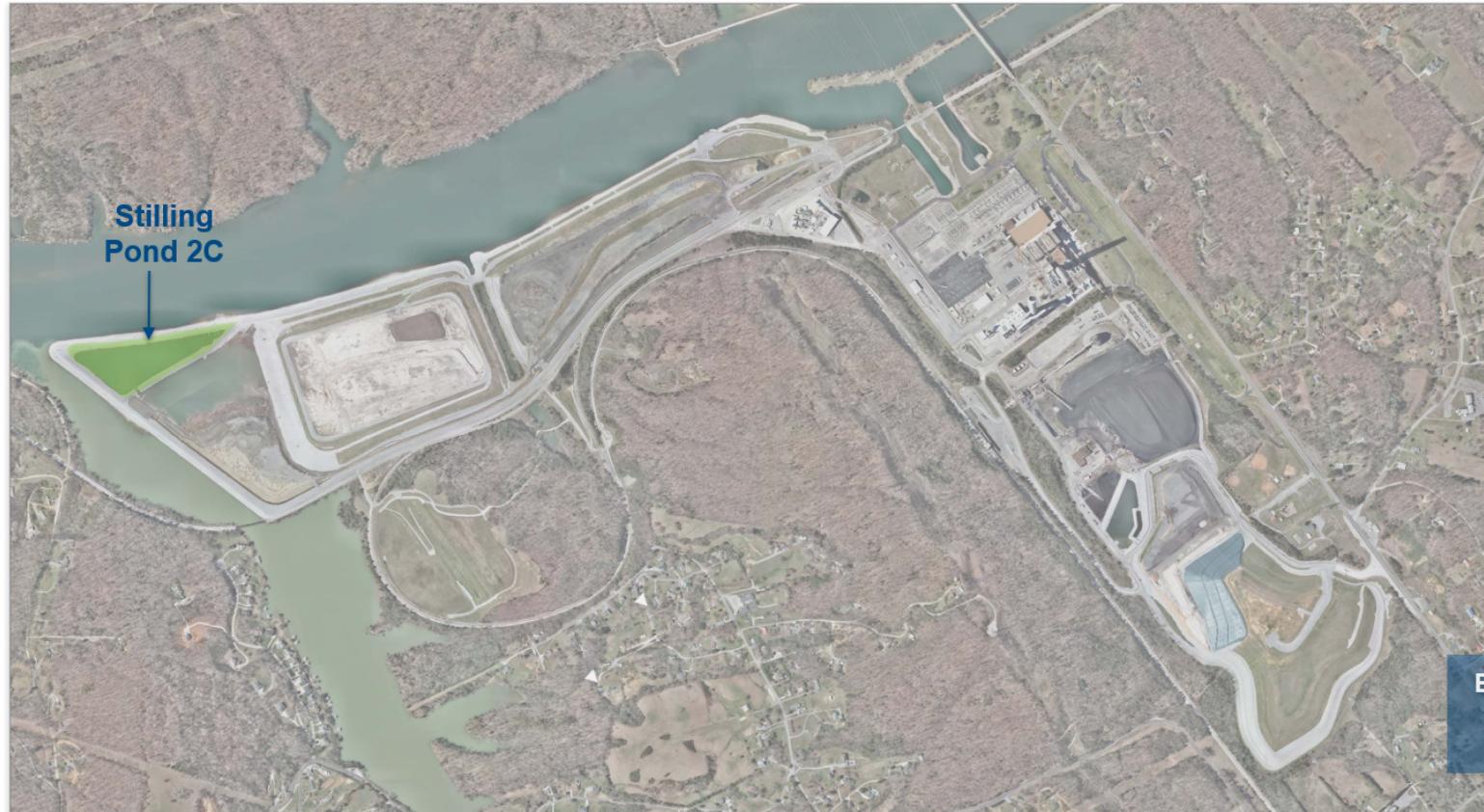
1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020 2025

2015

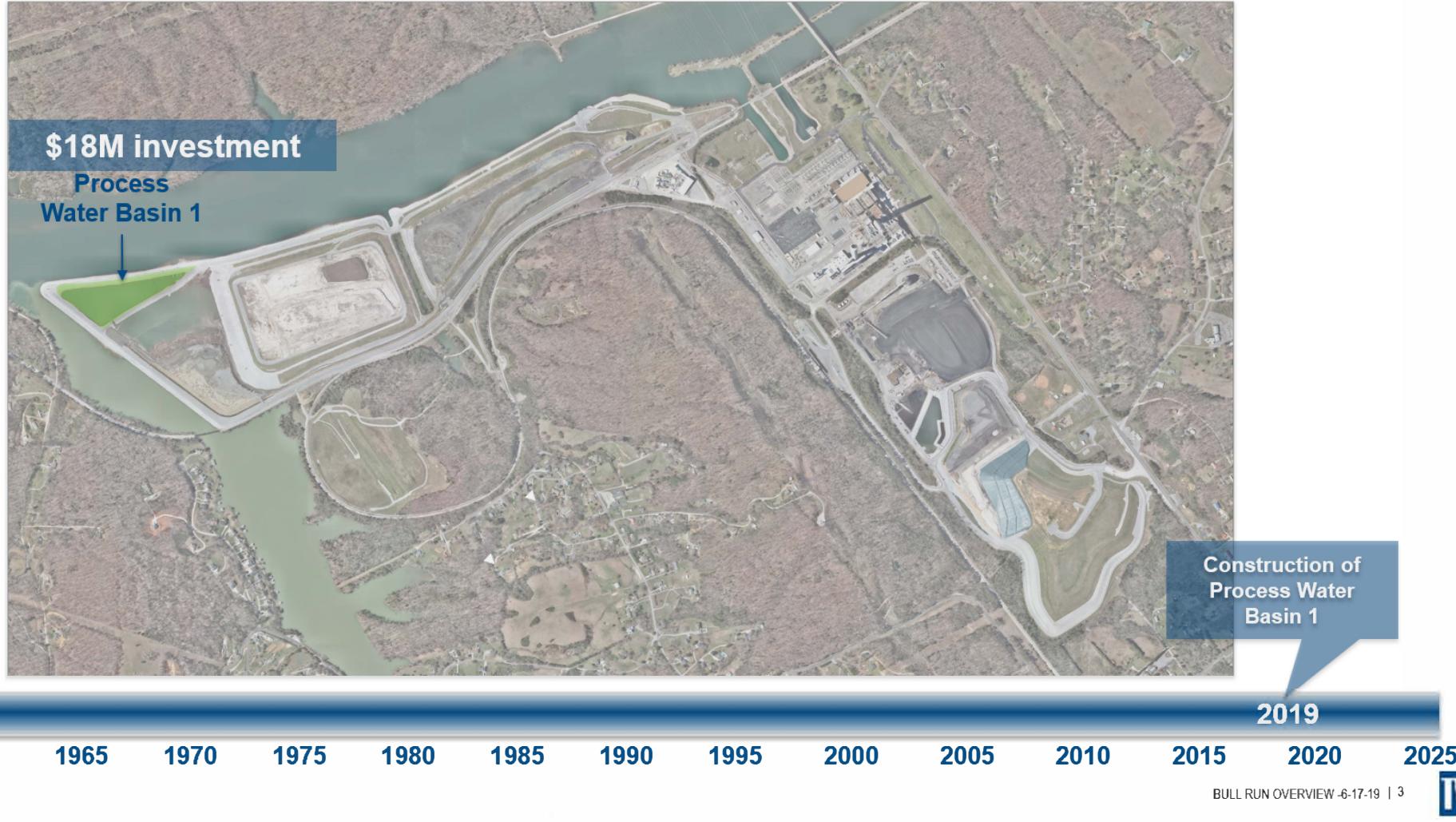
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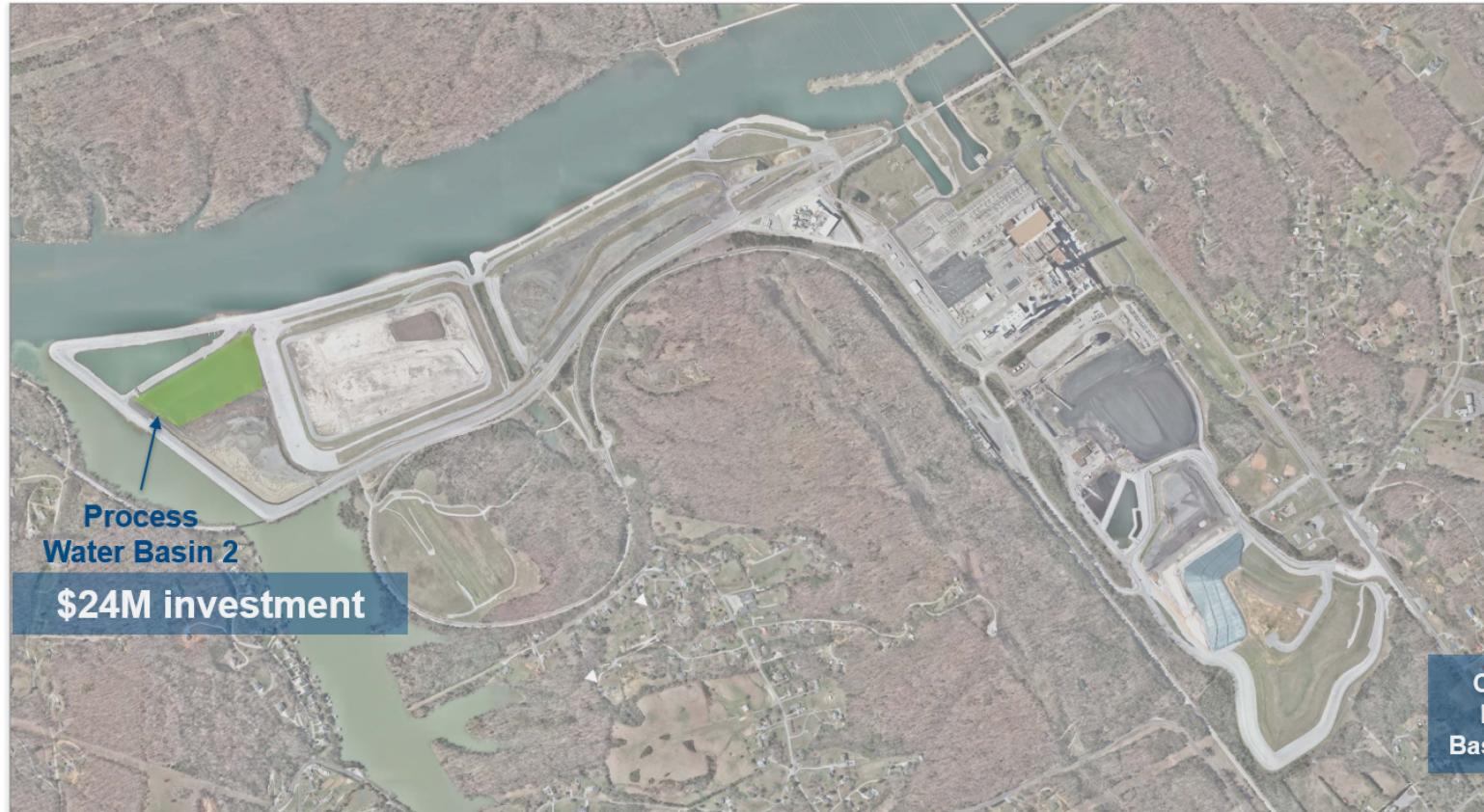
Bull Run Environmental Stewardship



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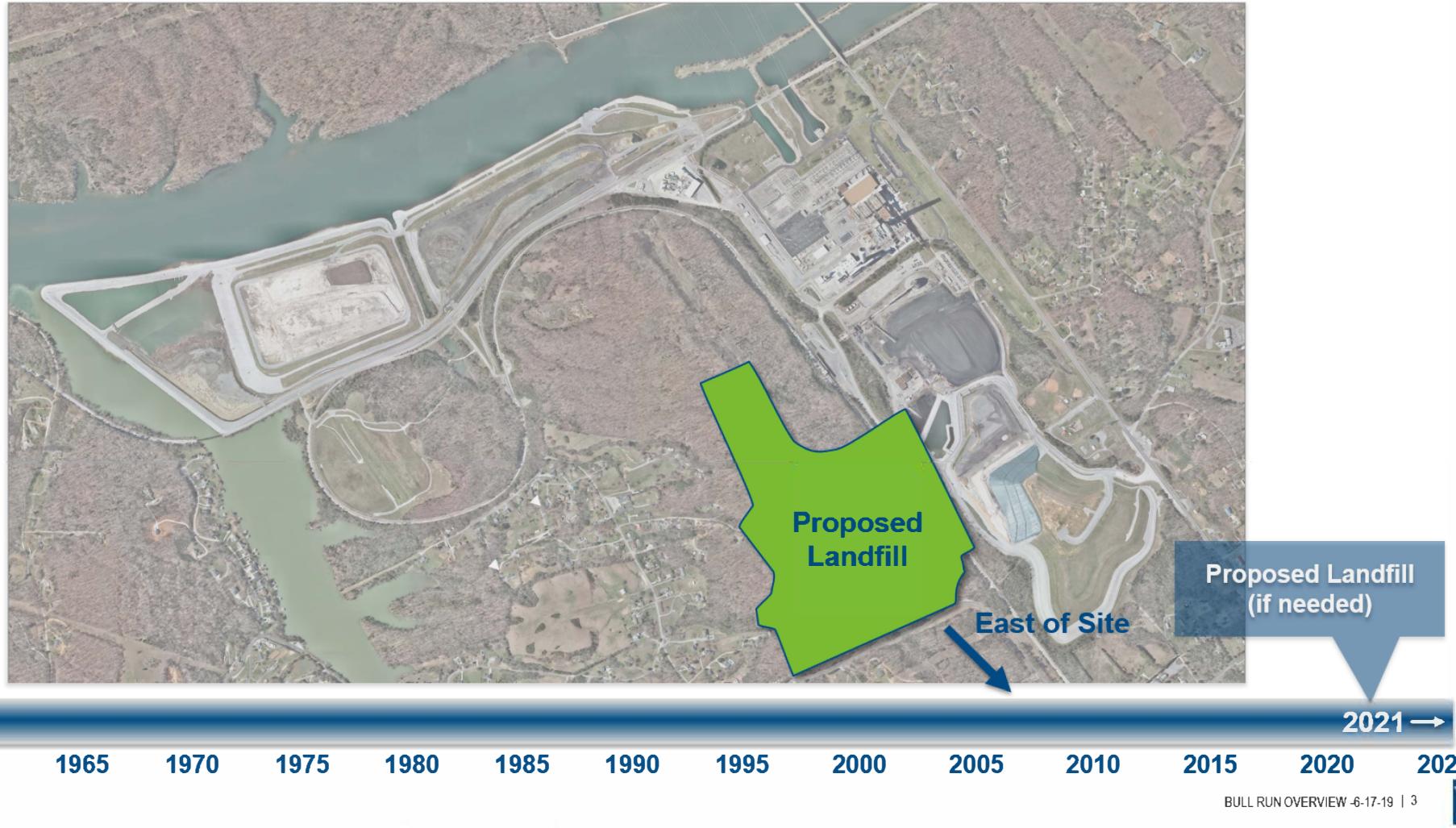


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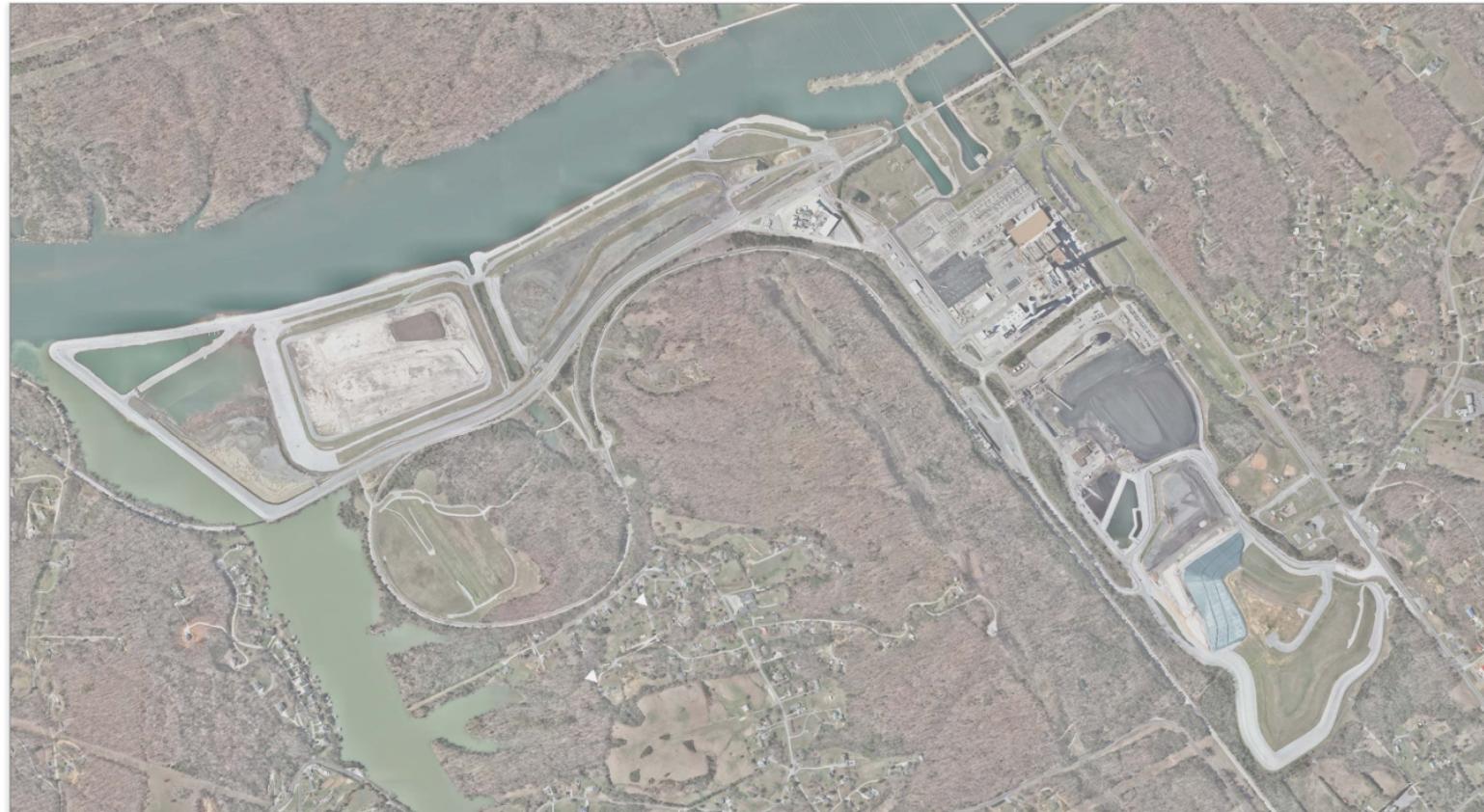
BULL RUN OVERVIEW -6-17-19 | 3



Bull Run Environmental Stewardship



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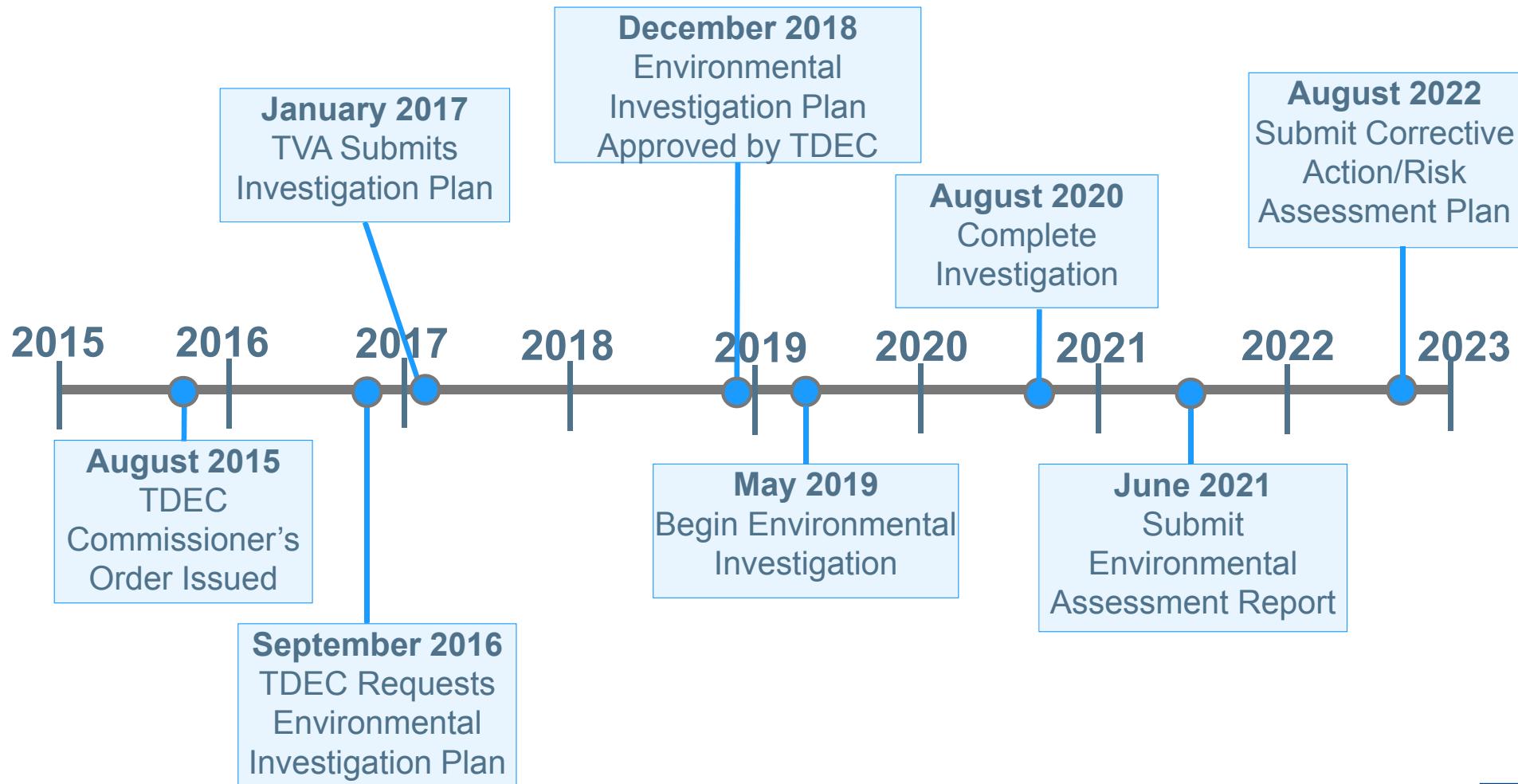


CARA Complete
Begin closure of
Ash Pond complex

Plant Closure 2023



TDEC Order Environmental Investigation Timeline



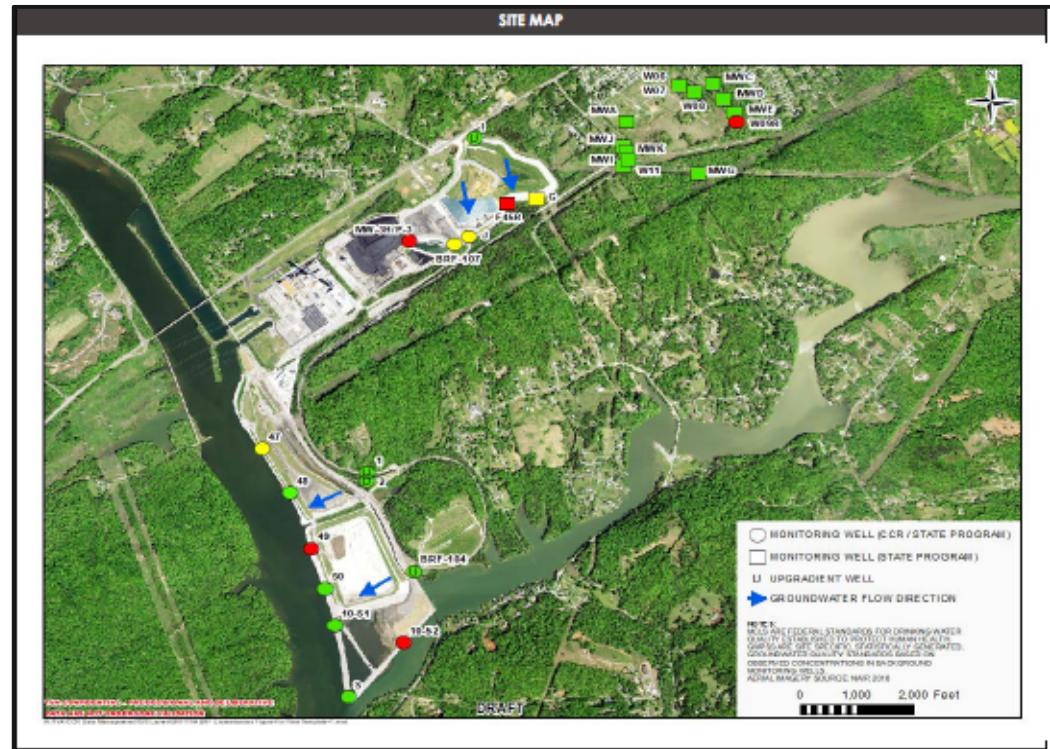
Environmental Investigation

- Groundwater Study
 - Over 40 Wells
- Geology
- Residential Wells
- Coal Ash & Soils
- Clinch River/
Bull Run Creek
 - Sediment
 - Water
 - Aquatic Life
- Structural Integrity



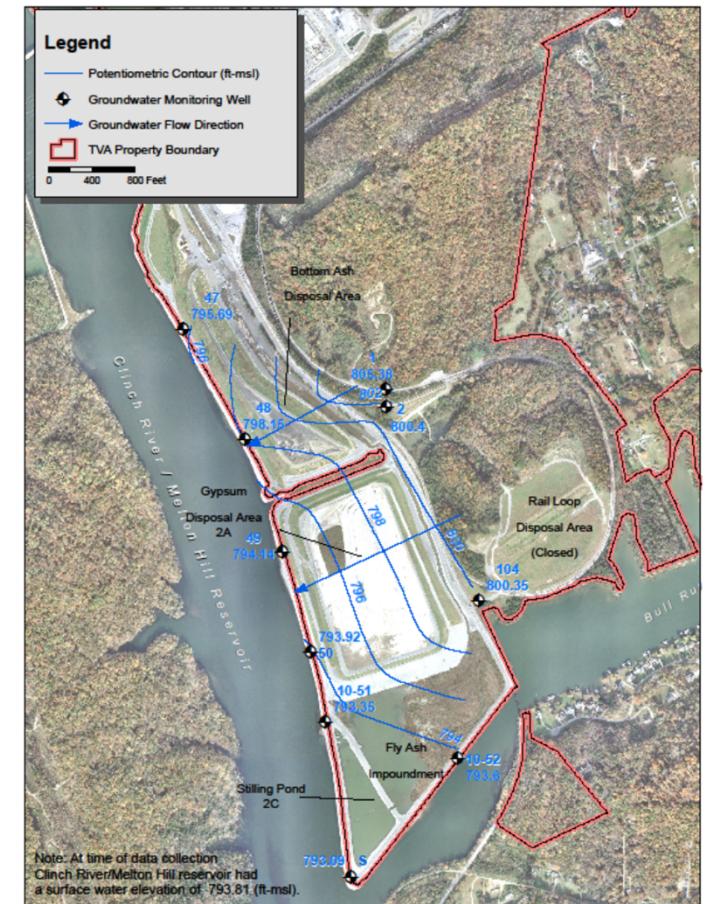
Groundwater

- No offsite groundwater impacts
 - Collecting additional data for State and Federal programs to evaluate corrective actions



Reservoir Health and Water Supply

- Water Quality Supports TDEC-Designated Uses for:
 - Water Supply
 - Fish & Aquatic Life
 - Recreation
 - Livestock Watering & Wildlife
 - Irrigation
 - Navigation
- Long-term Monitoring Program
 - Began monitoring in 1991
 - Fish and benthic communities healthy



Expected Final Condition



For More Information

Bull Run Fossil Plant

<https://www.tva.gov/Energy/Our-Power-System/Coal/Bull-Run-Fossil-Plant>

Air Quality – Water Quality – Ash Storage

<https://www.tva.com/Environment/Environmental-Stewardship>

TDEC Order

<https://www.tva.com/tdec>

Groundwater Monitoring

www.tva.com/CCR

