### Construction Sequence

**Years 2019 to 2022**

#### 2019 (July - December)
- **Powerhouse**
  - Complete Tailrace Channel excavation
  - Complete placing Powerhouse and Service Bay Concrete
  - Complete Rollways for Bays 1, 3, 5, 7
  - Complete installation of Turbines and Generators
  - Complete placement of Structural Steelholders (stair power)
- **Cofferdams and Groins**
  - Remove Tailrace Summer Level Cofferdam
  - Complete South Dam and South Dyke
  - Complete Transmission Tower Spur
  - Remove Ice Boom
  - Begin Reservoir Impoundment
  - Remove Rockfill Causeway to Borens G-3 and N-5
  - Construct upstream Boat Launch and Barge Landing
- **Cofferdams and Groins**
  - Continue installation of Turbines and Generators
  - Continue installation of Mechanical and Electrical systems
  - Continue construction of Tailrace Channel
  - Continue installation of Structural Steelholders (stair power)
  - Complete Unit 1 commissioning (first power)

#### 2020
- **Powerhouse**
  - Complete installation of Turbines and Generators
  - Complete installation of Mechanical and Electrical systems
  - Remove Bulkhead Domes for Units 3, 4, 6, 7
  - Commission additional units, First Power for Units 3, 4, 5, 6, 7
- **Spillway**
  - Complete Spillway Rollway for Bays 2, 4, 6
- **Others**
  - Complete Transmission Tower Spur
  - Remove Ice Boom
  - Begin Reservoir Impoundment
  - Remove Rockfill Causeway to Borens G-3 and N-5
  - Construct upstream Boat Launch and Barge Landing
  - Complete Transmission Tower Spur
  - Remove Ice Boom
  - Begin Reservoir Impoundment
  - Remove Rockfill Causeway to Borens G-3 and N-5
  - Construct upstream Boat Launch and Barge Landing

#### 2021
- **Powerhouse**
  - Complete Tailrace Channel excavation
  - Complete placing Powerhouse and Service Bay Concrete
  - Complete Rollways for Bays 1, 3, 5, 7
  - Complete installation of Turbines and Generators
  - Complete installation of Mechanical and Electrical systems

- **Cofferdams and Groins**
  - Remove Tailrace Summer Level Cofferdam

- **Dams and Dykes**
  - Complete South Dam and South Dyke

- **Others**
  - Complete Transmission Tower Spur
  - Remove Ice Boom
  - Begin Reservoir Impoundment
  - Remove Rockfill Causeway to Borens G-3 and N-5
  - Construct upstream Boat Launch and Barge Landing

#### 2022 (January - November)
- **Powerhouse**
  - Complete Tailrace Channel excavation
  - Complete placing Powerhouse and Service Bay Concrete
  - Complete Rollways for Bays 1, 3, 5, 7
  - Complete installation of Turbines and Generators

- **Cofferdams and Groins**
  - Complete installation of Turbines and Generators
  - Complete installation of Mechanical and Electrical systems
  - Remove Bulkhead Domes for Units 3, 4, 5, 6, 7

- **Spillway**
  - Complete Spillway Rollway for Bays 2, 4, 6

- **Others**
  - Construction Infrastructure decommissioning
  - Station in Full Service

#### Map Notes:
- The map illustrates the estimated extent of the dewatered area when the spillway is not in operation. The true extent of this area is uncertain due to the limited bathymetric data.
- Note: This estimate is based on the existing environment 95th percentile flow.

#### Legend:
- Planned/Removed Feature
- Proposed Access Road
- Access Road
- Work Area and Construction Camp
- Structure in Progress
- Earthfill Structure (Complete)
- Excavation Area
- Bedrock Excavation Area
- Concrete/Steel Structure
- Boat Launch & Barge Landing
- Existing Water Surface Area
- Stage II Flooded Area
- Initial Reservoir Area (159 m)
- Potential Dewatered Area

#### Map Details:
- Prepared by: Manitoba Hydro, KGS Area, Government of Manitoba
- Drawing by: Manitoba Hydro – Hydro Power Planning Department
- Map illustrates: Geospatial Data by Manitoba Hydro, DMI, and Government of Manitoba