

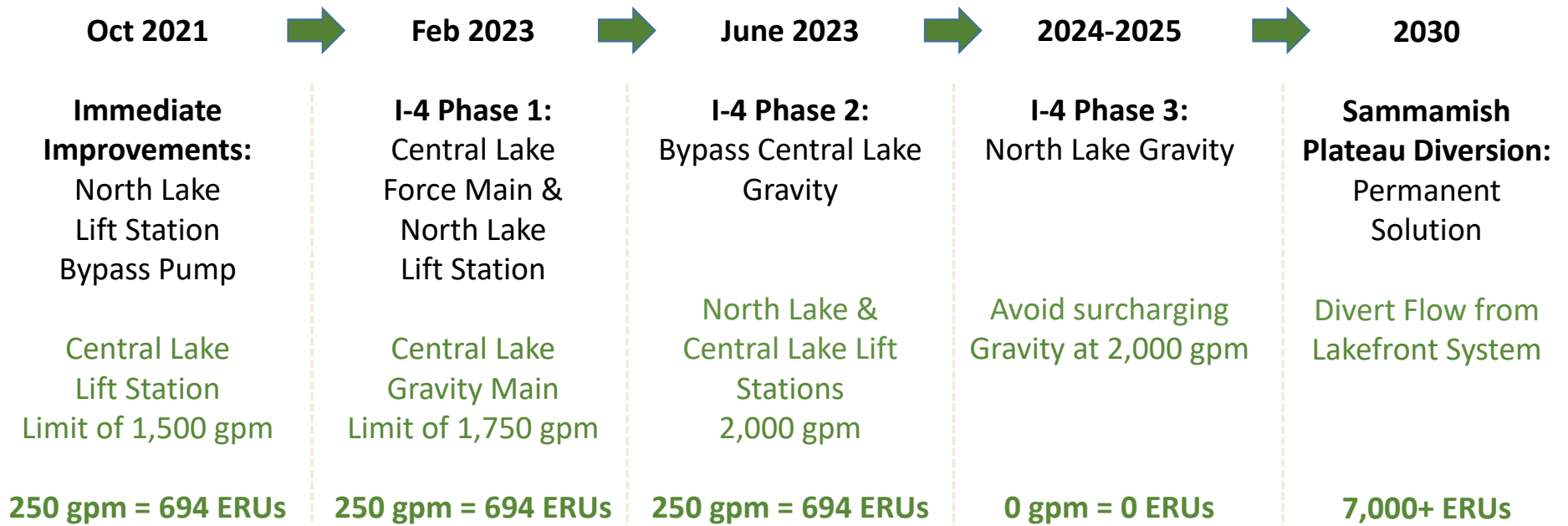


**North Sewer Service Area
Moratorium Queue
(continued)**

August 2, 2021

Interim Phasing and Estimated ERU Capacity

Immediate and I-4 Interim Improvements



ERUs in the Certificate/DEA Pipeline

Estimated ERUs In the NSSA	Non-DEA Certificate (2021)	Complete (2021)	Construction Phase (2022)	Design Phase (2023)	Planning Phase (2024-2025)	Total Pipeline ERUs
Pipeline	22.0	17.0	82.0	22.0	245.0	388.0

Pipeline Customer Type	Non-DEA Certificate (2021)	Complete (2021)	Construction Phase (2022)	Design Phase (2023)	Planning Phase* (2024-2025)	Total Pipeline ERUs
Single-Family	22.0	17.0	82.0	22.0	181.0	324.0
Multi-Family	0.0	0.0	0.0	0.0	32.0	32.0
Non-Residential	0.0	0.0	0.0	0.0	32.0	32.0
Total	22.0	17.0	82.0	22.0	245.0	388.0

* 164 of the 245 ERUs in the Planning Phase are in the Town Center

Town Center
 196.0 Existing Sewer ERUs
 360.0 Estimated ERUs in 2025
 1,828.5 ERUs at Zoning Capacity

Septic Conversion ERUs

NSSA Septic Conversion Estimates	2021	2022	2023	2024-2025	2021-2025 Total	2026-2030	Total Septic ERUs
Recent Conversion Rates	20.0	20.0	20.0	40.0	100.0	100.0	200.0
Existing Houses on Septic with Sewer Available	33.5	33.5	33.5	66.5	167.0	167.0	334.0 *

Use assumption that houses on septic with sewer available will connect within 10-years

- This is a conservative assumption. Do not anticipate all of these will connect within 10 years.
- Sewer main extensions from DEAs will increase the number of existing houses with sewer available
- Not all houses requesting connection will have failing septic systems
- Other septic conversions may require a main extension, and not have sewer currently available

ERUS AVAILABLE FOR QUEUE - 2021-2030

ERUs Available for Queue Depend on ERUs Set Aside for Pipeline & Septic Conversion

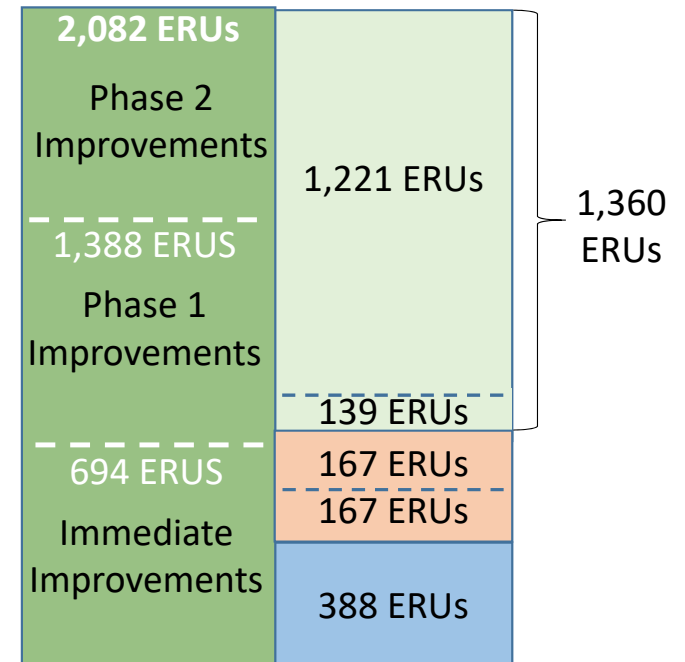
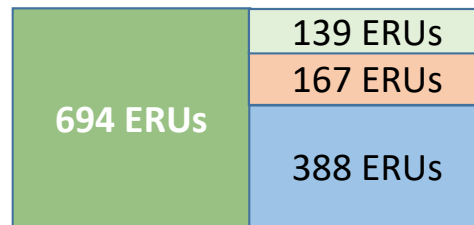
ERUs Available for Queue

- Reserve All Pipeline ERUs
- Set Aside ERUs for Septic Conversion
 - Initial 50% of Customers with Sewer Available with Initial Improvements
 - Remaining 50% of those with Sewer Available with Interim Improvements

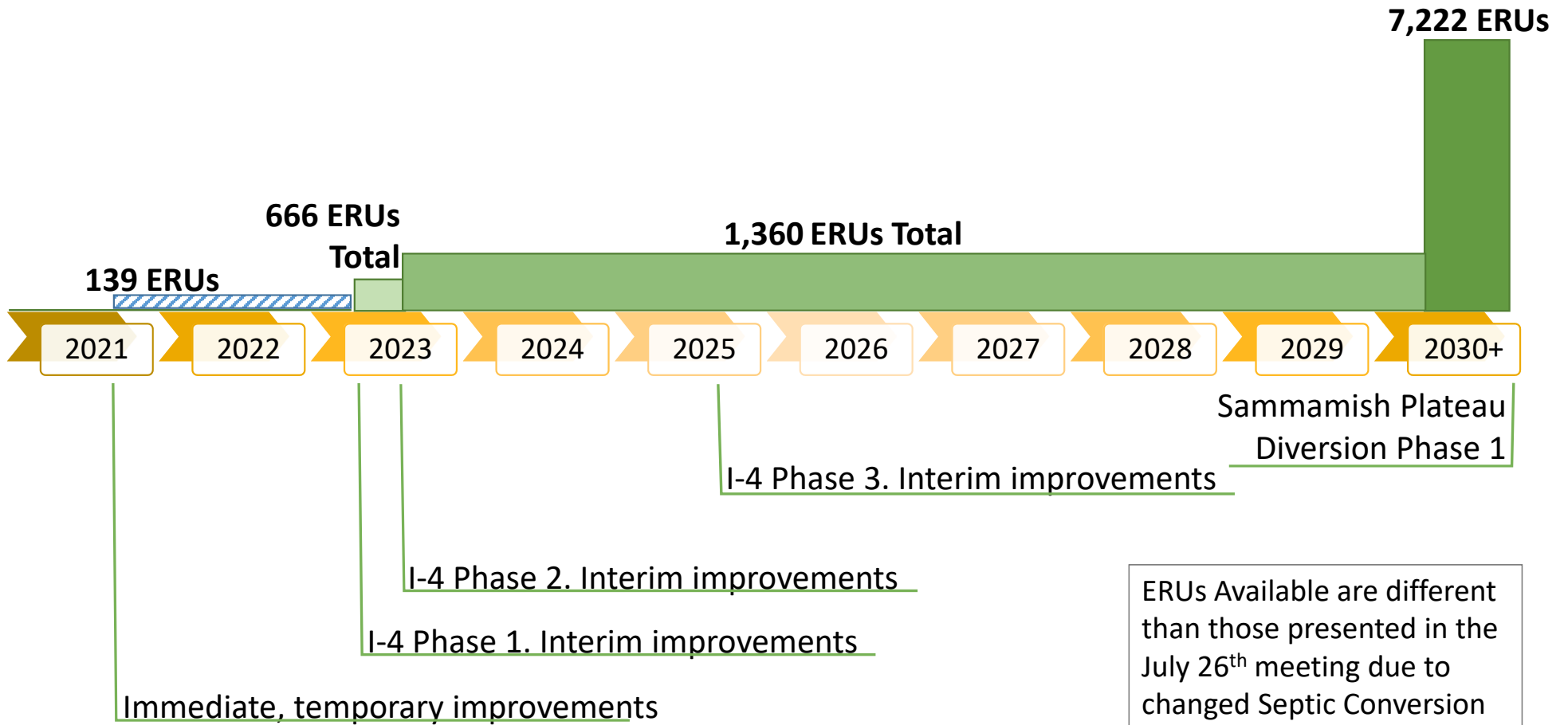
I-4 Phase 1 & 2 Improvements
 Complete in 2023
 Last until 2030+ for Permanent Solution

Immediate Improvements
 Complete in 2021
 Last until 2023 for Interim Improvements

LEGEND	
Available Capacity	Available for Queue
	Septic Conversion
	Pipeline



Interim Phasing and Estimated ERU Capacity



ERUs Available are different than those presented in the July 26th meeting due to changed Septic Conversion set-aside assumptions

NSSA – THE QUEUE FOR ADDED CAPACITY

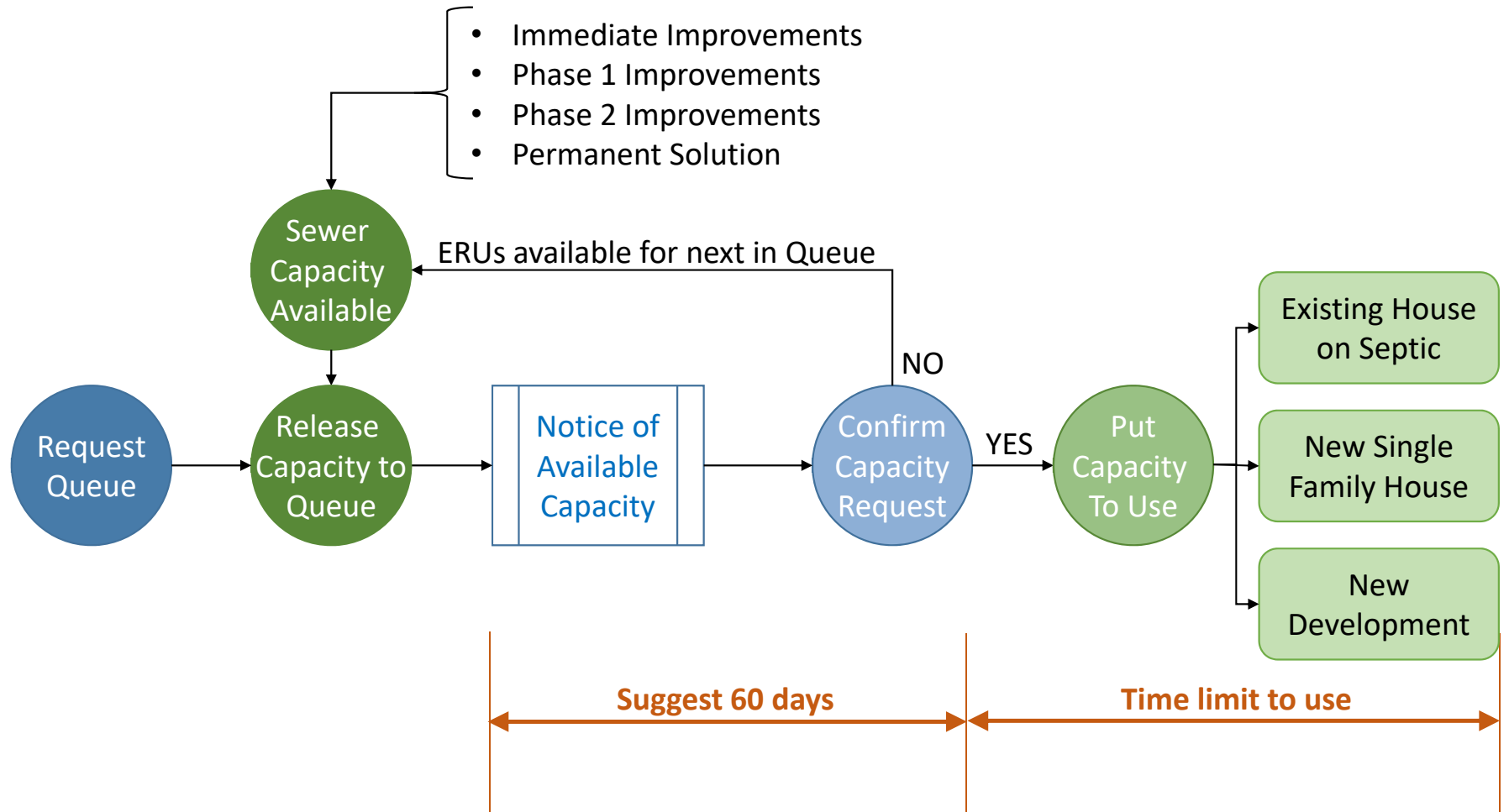
Implementing Queue

- Have a set-aside for septic conversions
- Establish an unlimited queue
- Allow property owners to get in line for future anticipated sewer capacity
- Requests will include a specific number of Equivalent Residential Units (ERUs)
- To limit speculation there could be a cost to get into the Queue
- **Consider having a separate queues for**
 - Single Family Connections
 - Developments

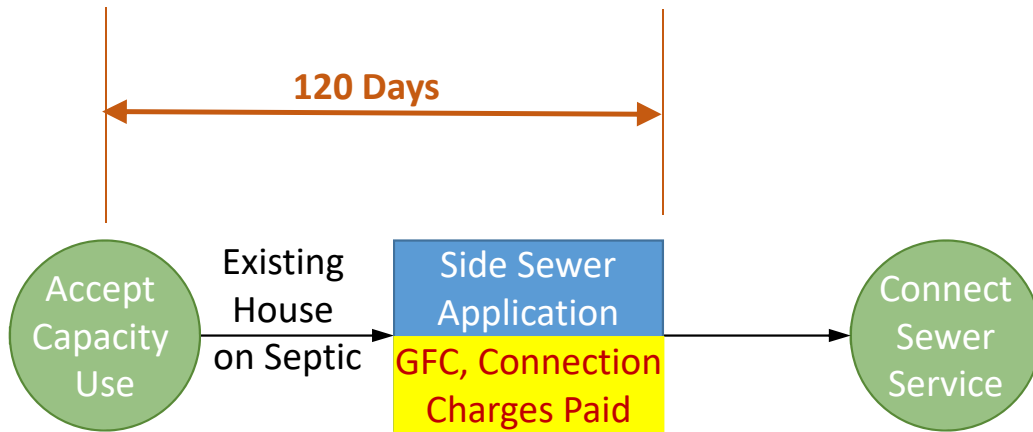
Managing Queue Use

- Use of the queue is implemented upon the availability of additional capacity
- Equivalent Residential Units (ERUS) to be made available are from:
 - Modeled capacity of completed improvements based on 2019 data
 - Modified by any changes to the domestic gpm/ERU use rate
 - Modified by any changes in Infiltration/Inflow rates due to abatement activities
- The queue is maintained for future added capacity

USE OF QUEUE – CAPACITY AVAILABLE → REQUEST → USE



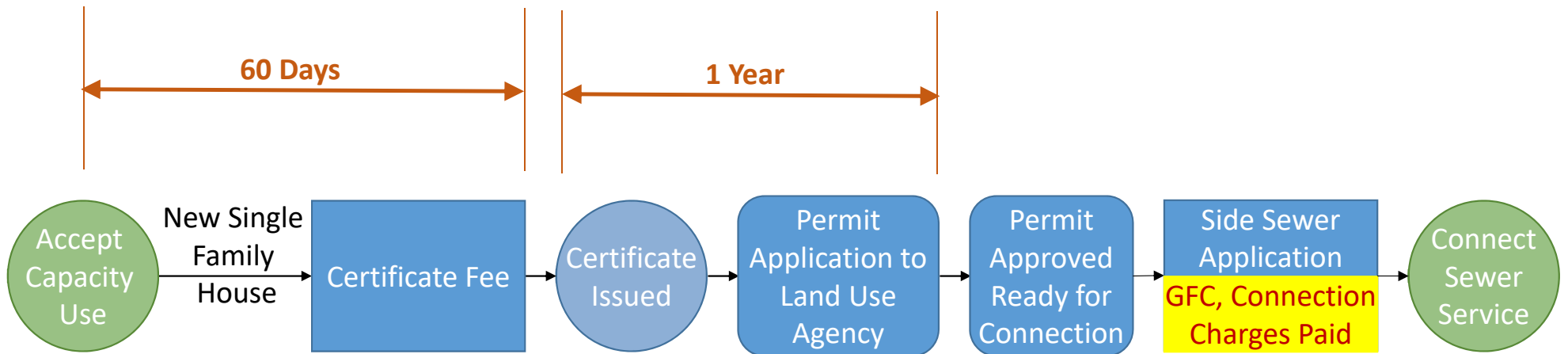
USE OF QUEUE – CAPACITY AVAILABLE – USE SEWER CAPACITY Existing House on Septic



If not used within designated time
will forfeit Capacity Use

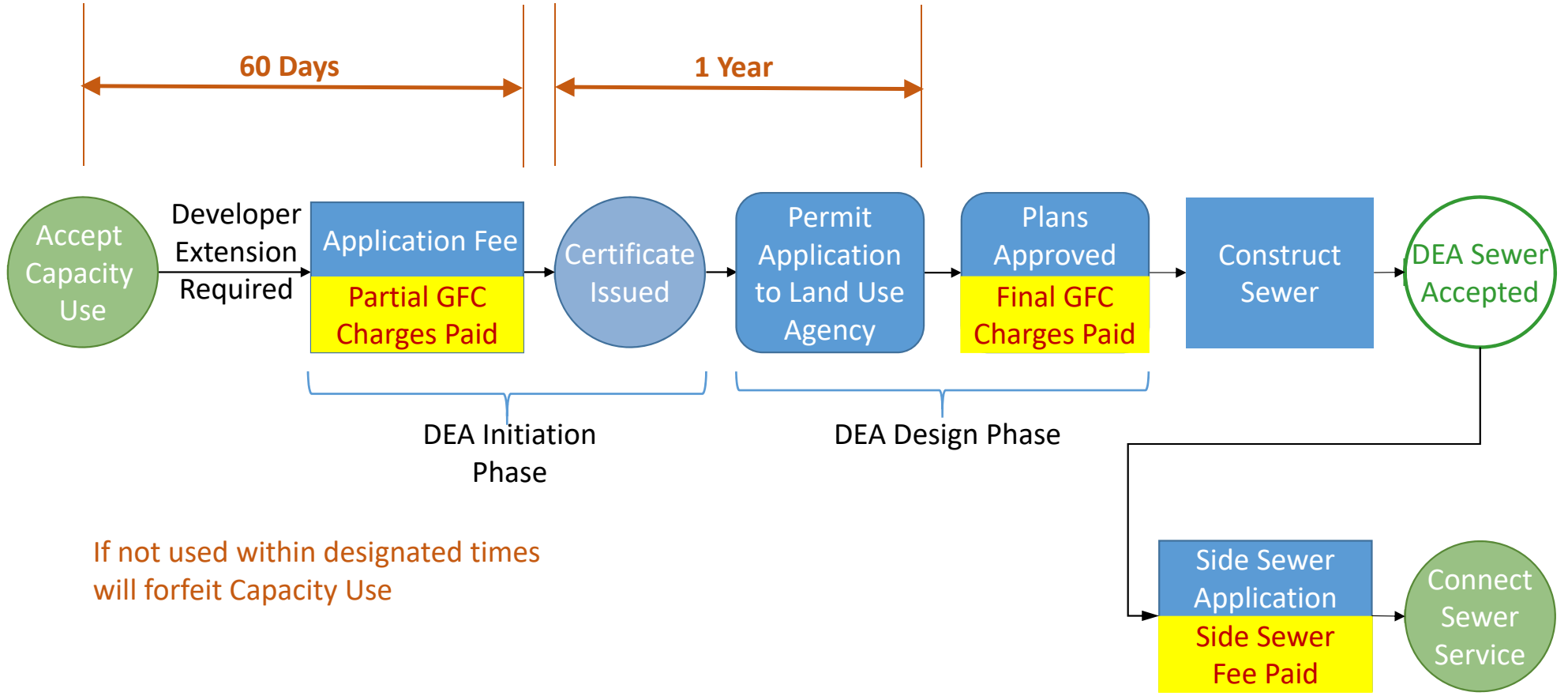
**If Septic Conversion is under a specific ERU set-aside,
these are not subject to the Queue**

USE OF QUEUE – CAPACITY AVAILABLE – USE SEWER CAPACITY New Single-Family House

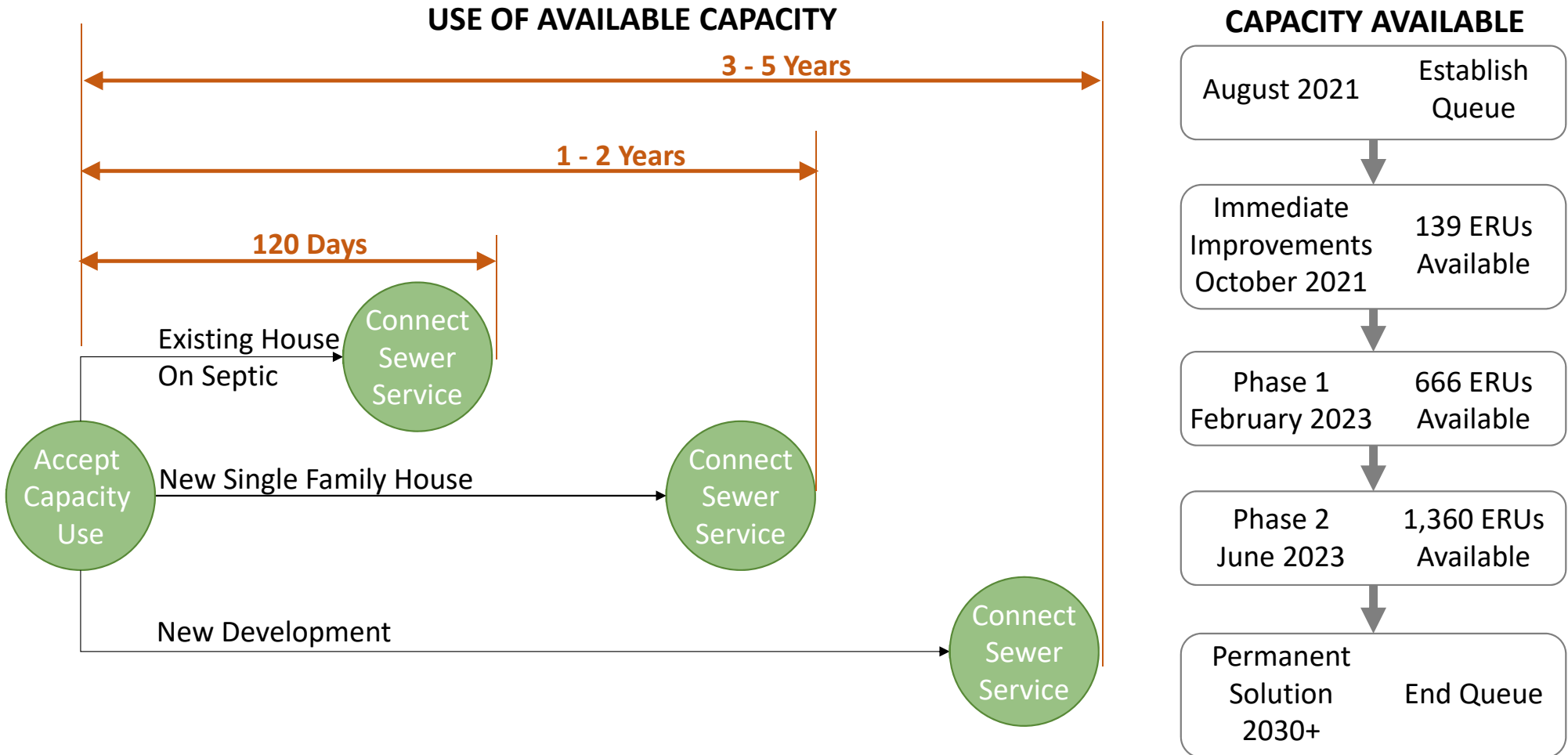


If not used within designated times
will forfeit Capacity Use

USE OF QUEUE – CAPACITY AVAILABLE – USE SEWER CAPACITY New Development



USE OF QUEUE – CAPACITY AVAILABLE – USE SEWER CAPACITY



USE OF QUEUE – CAPACITY AVAILABLE – USE SEWER CAPACITY

Next Steps for the Queue

- Establish process to administer the queue
- Application Form approval
- Gather Queue Applications
until the Moratorium is released based on available capacity

