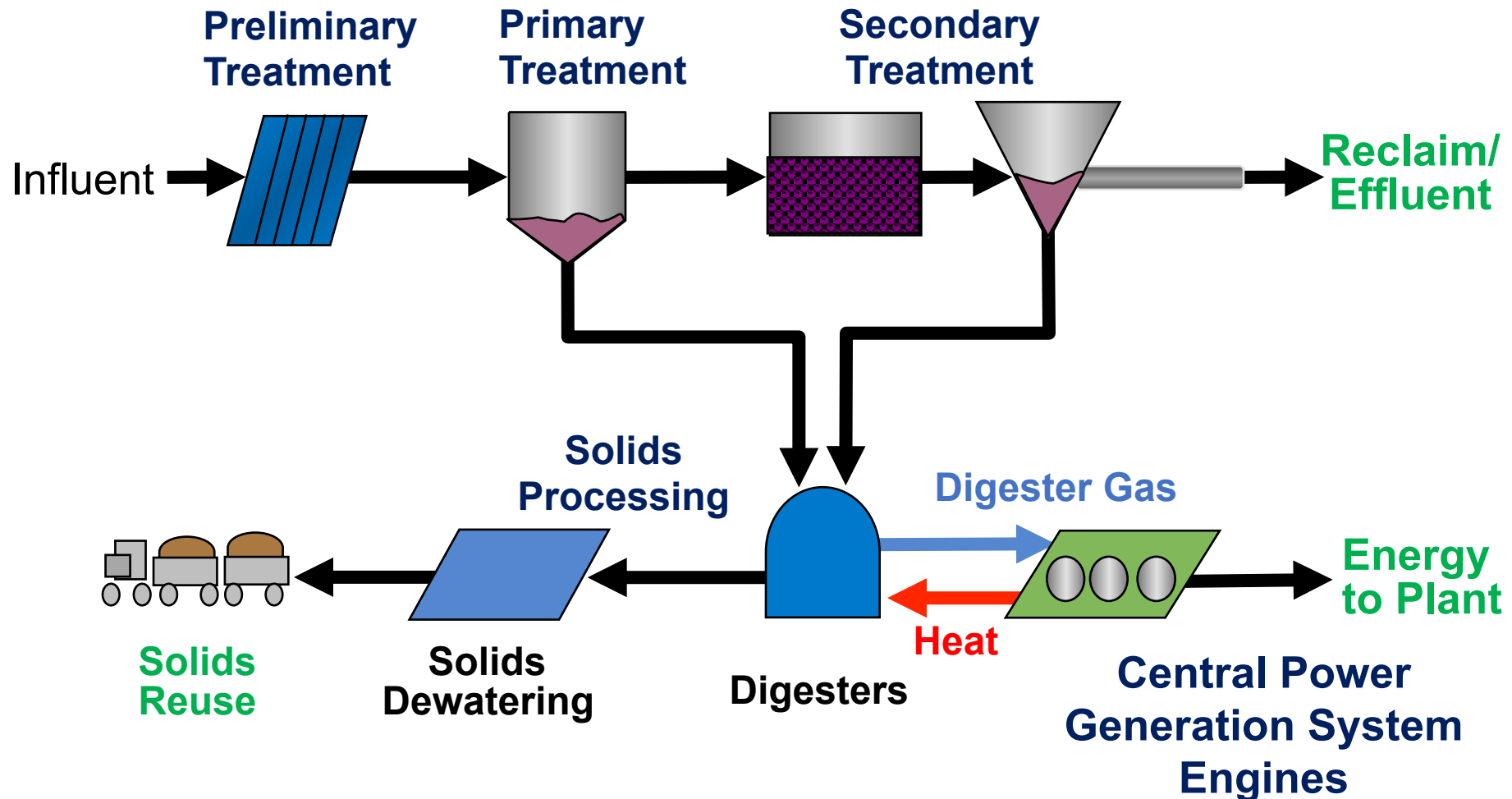
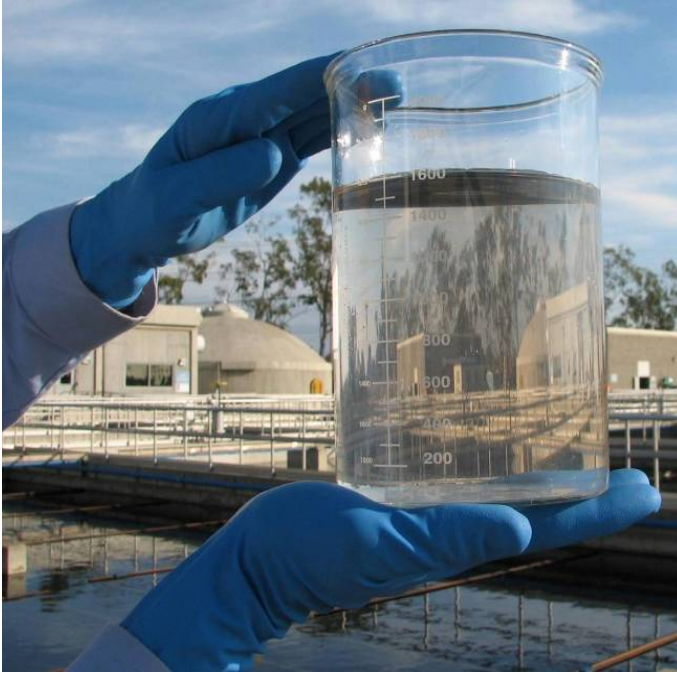


Water Resource Recovery

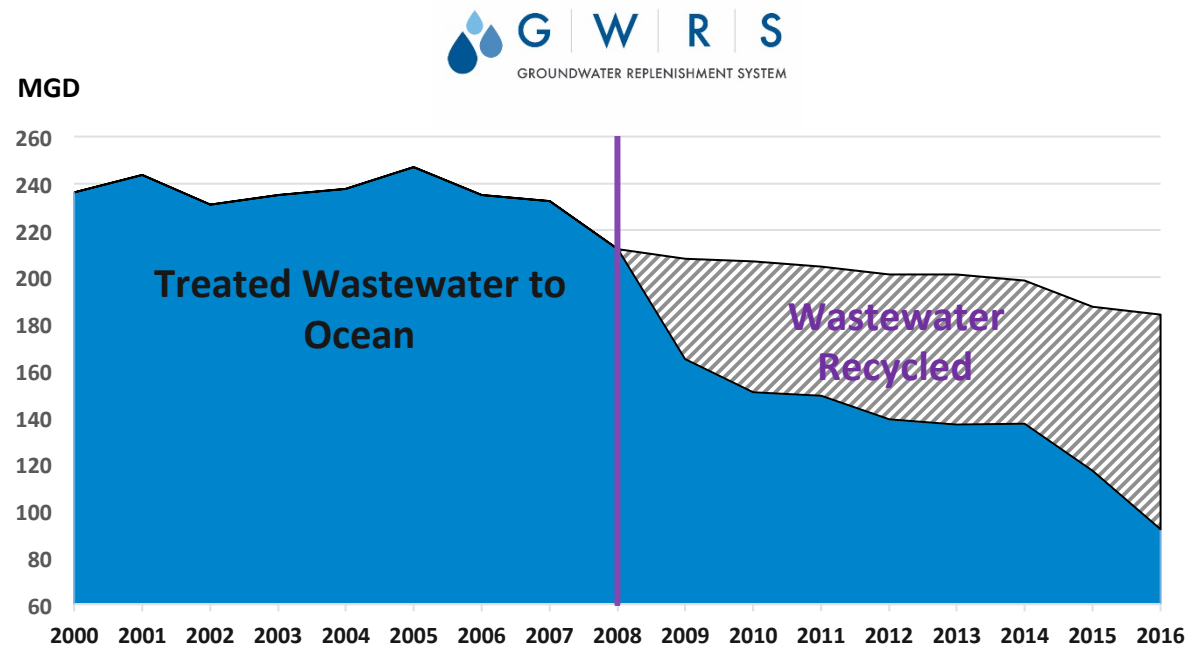




OCSD Focuses on Wastewater as a Resource

- Master planning
- Enhanced source control program
- Flow diversions
- Secondary treatment operations
- Communications

More Water to GWRS, Less Water to Ocean Outfall



Plan for Resiliency

- GWRS addresses multiple resiliency challenges
 - Drought – more water supply
 - Flood/High Flow – more outfall capacity
 - Seismic – alternate outfall/flow paths
- Resiliency is realized when we take the long view

January 2017 Storms

- OCSD Peak Flows
 - Mar 1, 1983 480 mgd
 - Jan 4, 1995 550 mgd
 - Dec 6, 1997 500 mgd
 - Jan 9, 2005 510 mgd
 - Jan 22, 2017 628 mgd
- GWRS provided 125 mgd of outfall capacity relief
- Emergency standby outfall not activated
- Simplified our operation, protected the beaches