

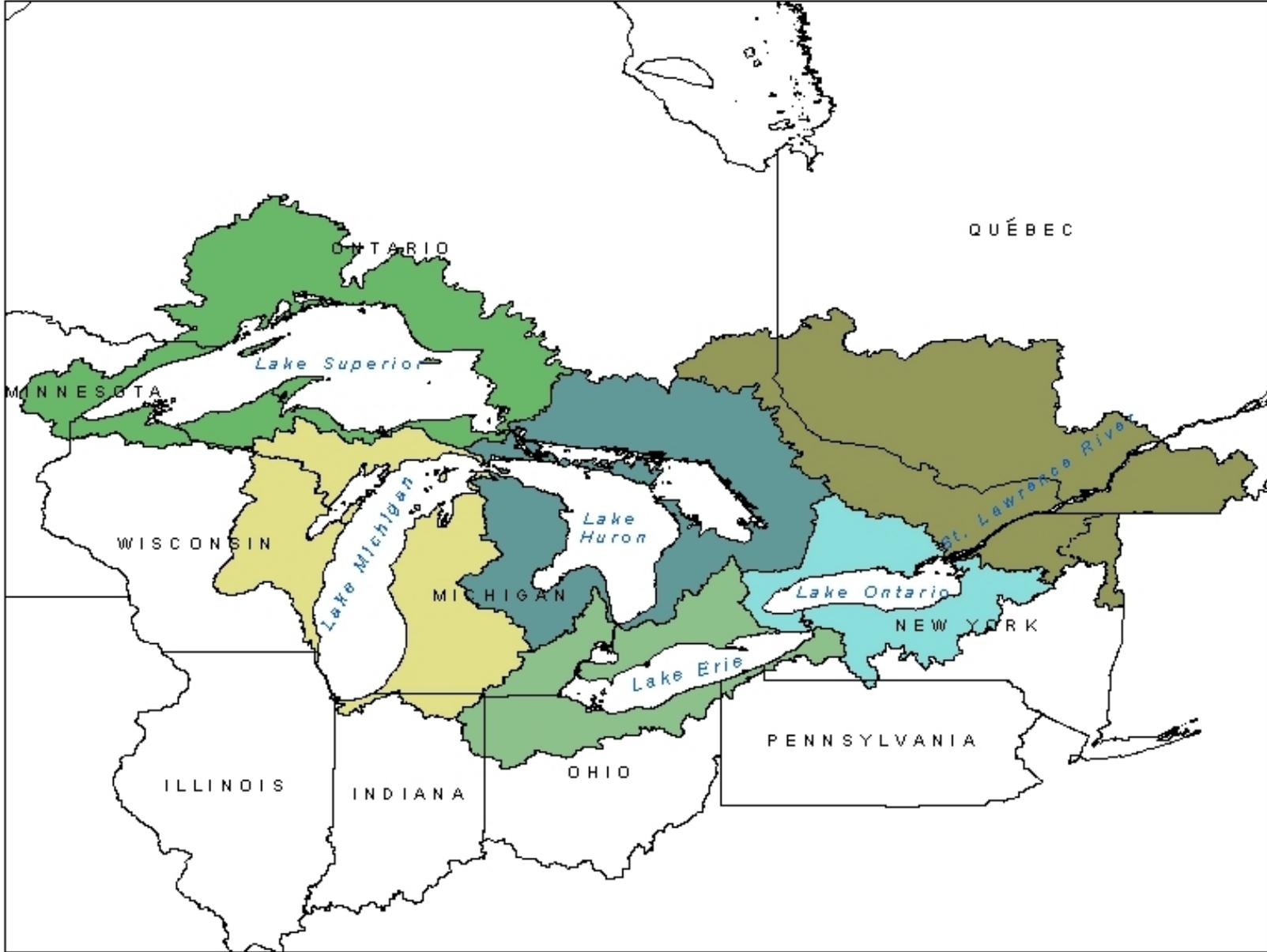
***Great Lakes – St. Lawrence River
Basin Water Resources Compact***

and the

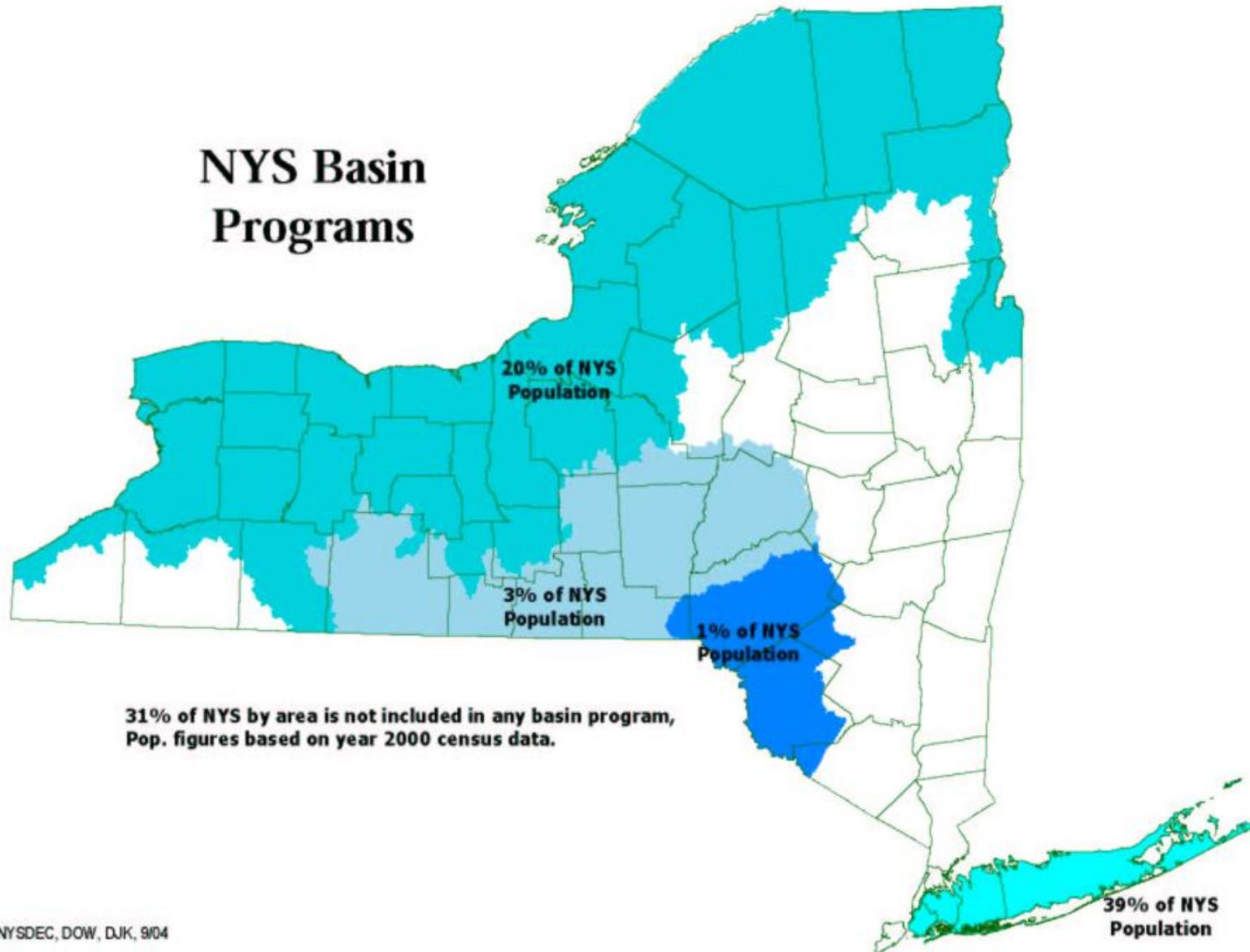
Susquehanna River Basin Compact



Great Lakes Basin



NYS Basin Programs



NYSDEC, DOW, DJK, 9/04



GL-SLR Water Resources Compact

- NY ECL §21-1001 - - signed 3-4-08
- Implements the Agreement among 8 States & 2 Provinces
- Provisions phased into effect beginning Dec 8, 2008
- Overall goal is to conserve Basin water by controlling the largest withdrawals



GL-SLR Water Resources Compact

- Key Provisions:

- Builds upon ECL §15-1501 and §15-1601
- Bans new & increased diversions out
- Establishes goals & objectives for water conservation & efficient use
- Establishes resource-based decision making standards
- Authorizes regional & state enforcement



GL-SLR Water Resources Compact

- Key Provisions (con't):

- Registration $> 100,000$ gpd/30-day avg
- States to manage/regulate new & increased withdrawals and consumptive uses $> 100,000$ gpd (90-day avg)
- Limited exceptions to diversion ban
- Regional review of exceptions based on additional standard
- P & N > 5 mgd C.U. /90-day avg

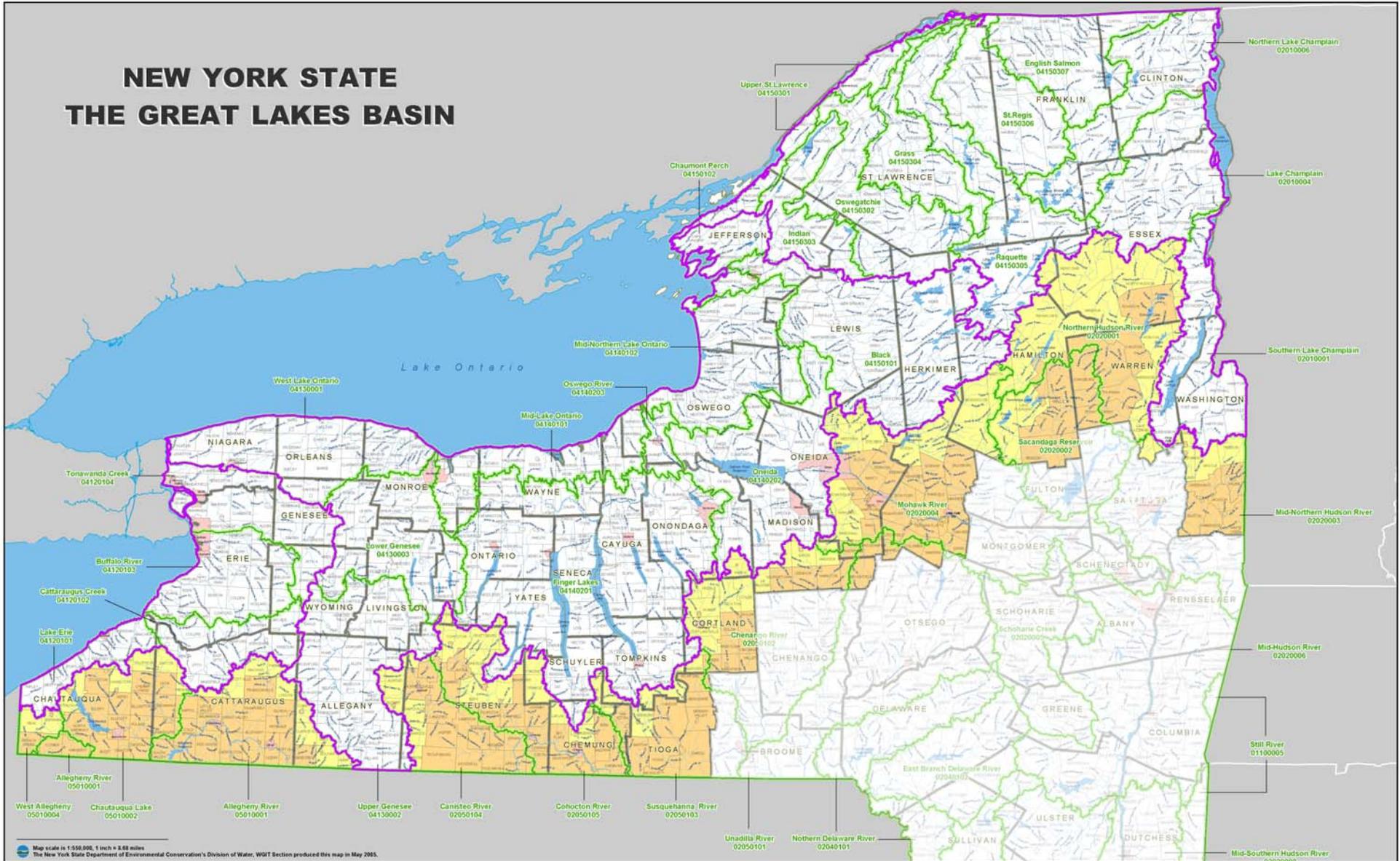


GL-SLR Water Resources Compact

- Decision-making Standard:
 - Reasonable use for amount taken
 - Return all un-consumed water
 - Prevent significant I & C impacts
 - Environmentally sound & economically feasible conservation
 - Compliance with all other requirements



NEW YORK STATE THE GREAT LAKES BASIN



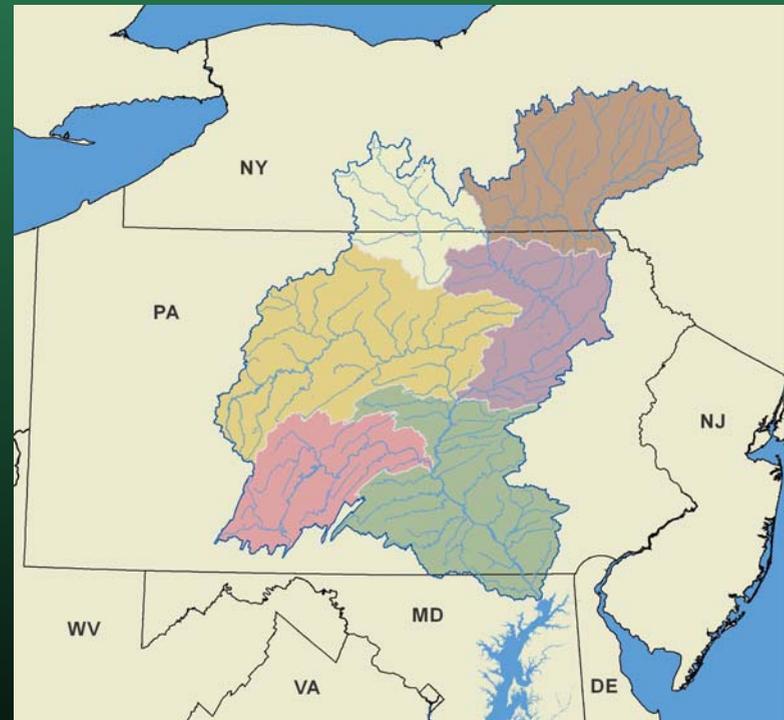
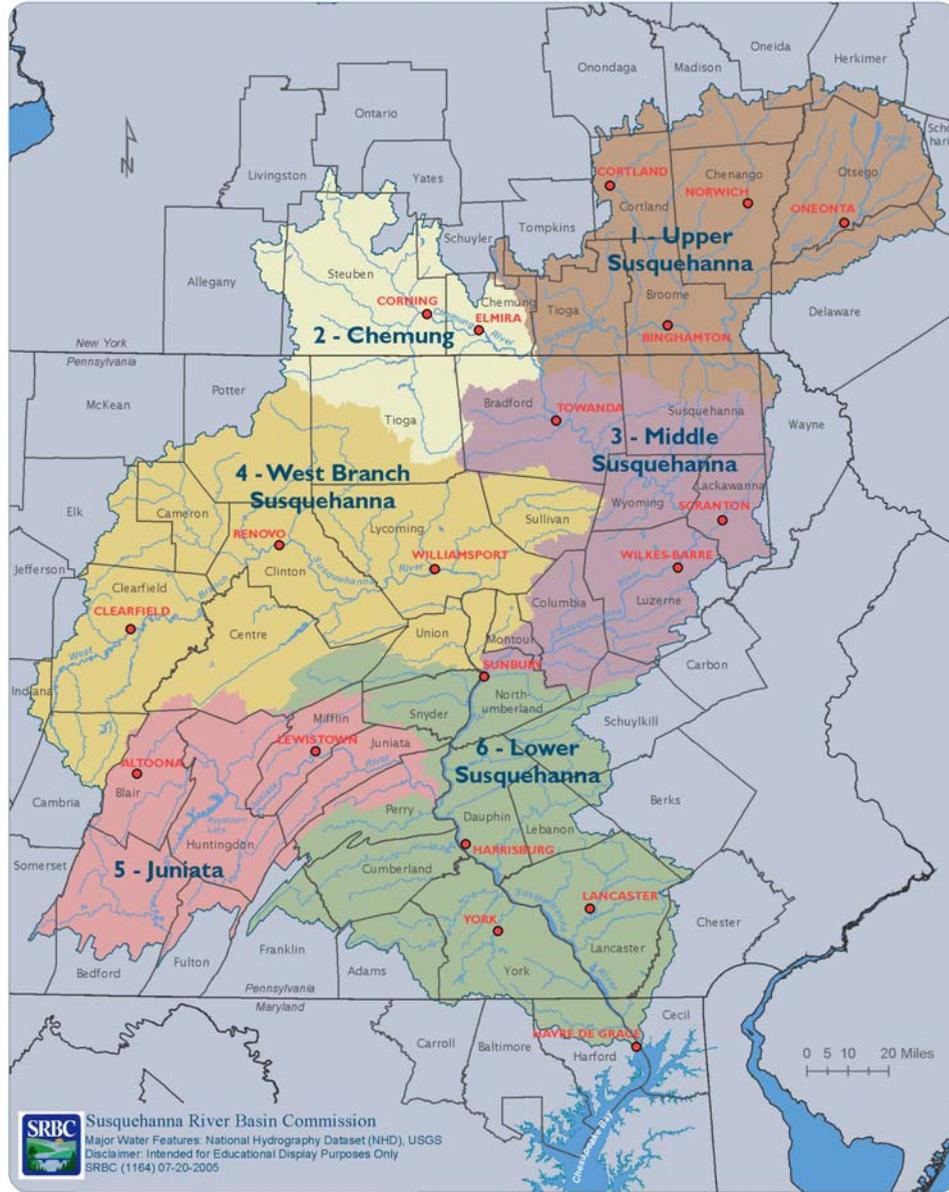
Map scale is 1:500,000, 1 inch = 8.8 miles
The New York State Department of Environmental Conservation's Division of Water, WQT Section produced this map in May 2005.



Susquehanna River Basin Compact

Compact Signed
12-24-1970

Susquehanna River Basin
SUBBASINS



Susquehanna River Basin Compact

SRBC Mission

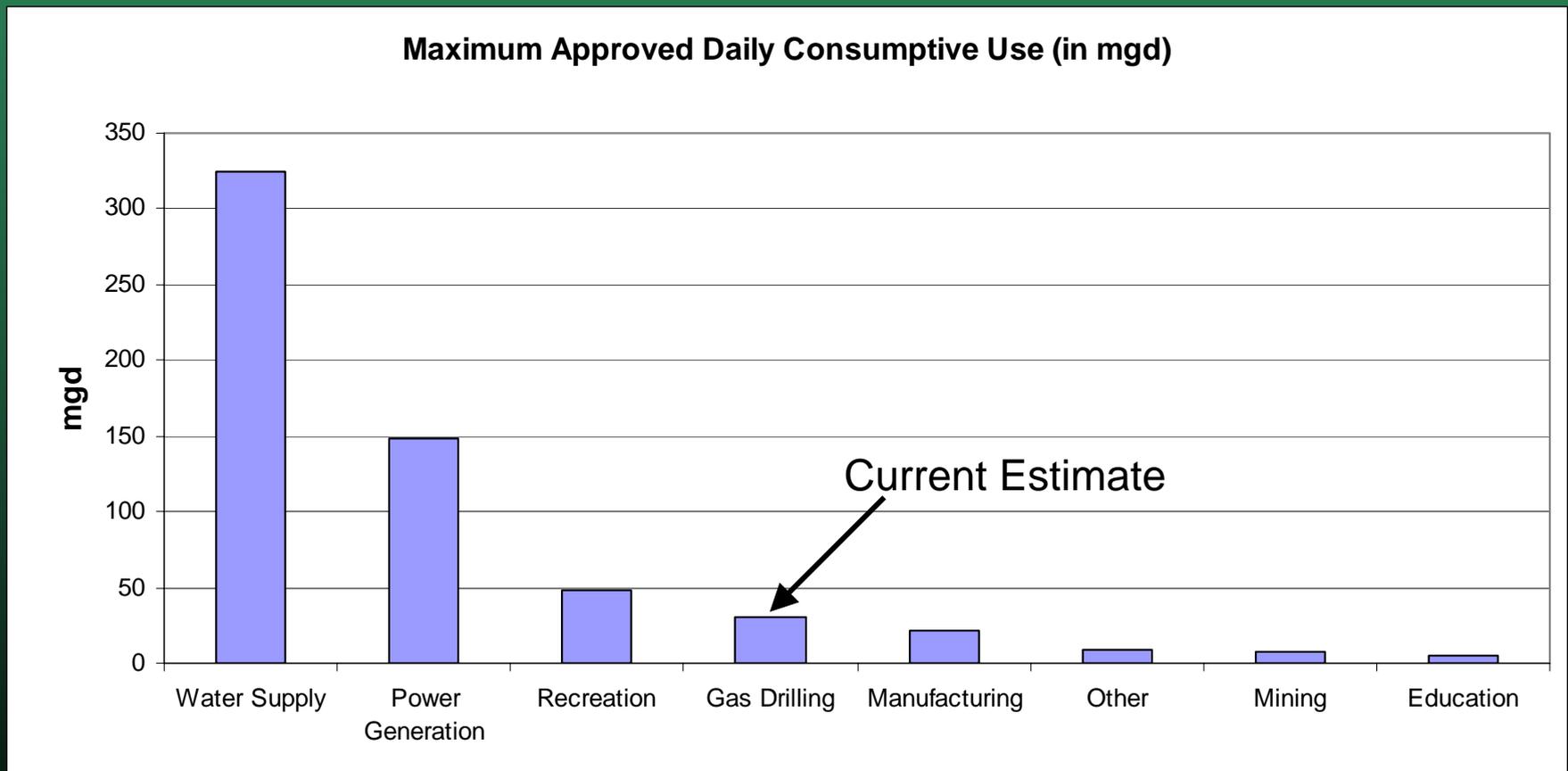
Planning, Management,
Allocation, Conservation,
Development, Utilization
of Basin Water
Resources

72% of Susquehanna
Basin Is Underlain by
Marcellus Shale
Formation



Susquehanna River Basin Compact

Maximum Approved Daily Consumptive Use



Susquehanna River Basin Compact

Standard Regulatory Authorities

- Groundwater and Surface Water Withdrawals
 - 100,000 gpd (30 day average)
- Consumptive Use
 - 20,000 gpd (30 day average)
- Diversions



Susquehanna River Basin Compact

Withdrawal Authorities Re: Natural Gas

- Any Amount of Water Withdrawal Is Regulated, By Executive Director Determination Effective October 15, 2008.

Consumptive Use Process Re: Natural Gas

- Approval by Rule Process Activated June 2008 and Later Amended on Drill-Pad Basis and to Expand Beyond Public Water Supplies.



Comparison of Water Basins

Water Basin	Registration	Permit	Regional Consultation
Statewide	None: Only report withdrawals > 100,000 gpd	New or additional sources of potable water supply	SEQR
Great Lakes-St. Lawrence River	All > 100,000 gpd 30-day avg	New or additional sources of potable water supply Other??	Any new/increased > 5 mgd/90 day avg reviewed by Commission, etc. Diversions out banned
Susquehanna River	All >10,000 gpd	100,000 gpd/30 day SH ₂ O/ GH ₂ O & 20,000 gpd/30 Consumptive Use & All Natl Gas	All permit dockets are approved by the Commission – including diversions

