

Latest Revisions to Water Withdrawal Regulation in New York State

NYSDEC

Division of Water

Michael Holt



Water Withdrawal Law

A5318-A/S3798

Signed by Governor Cuomo on 8/15/11

<http://public.leginfo.state.ny.us/menugetf.cgi?COMMONQUERY=LAWS>

- Revises existing ECL §§15-1501, 1503, 1505, 1529
- Repeals (and incorporates) ECL §15-1601: Great Lakes Water Withdrawal Registration
- Repeals (and incorporates) ECL §15-1533: Water Withdrawal Reporting
- Implements requirements of GL-SLR Compact
- Effective date of 2/15/12



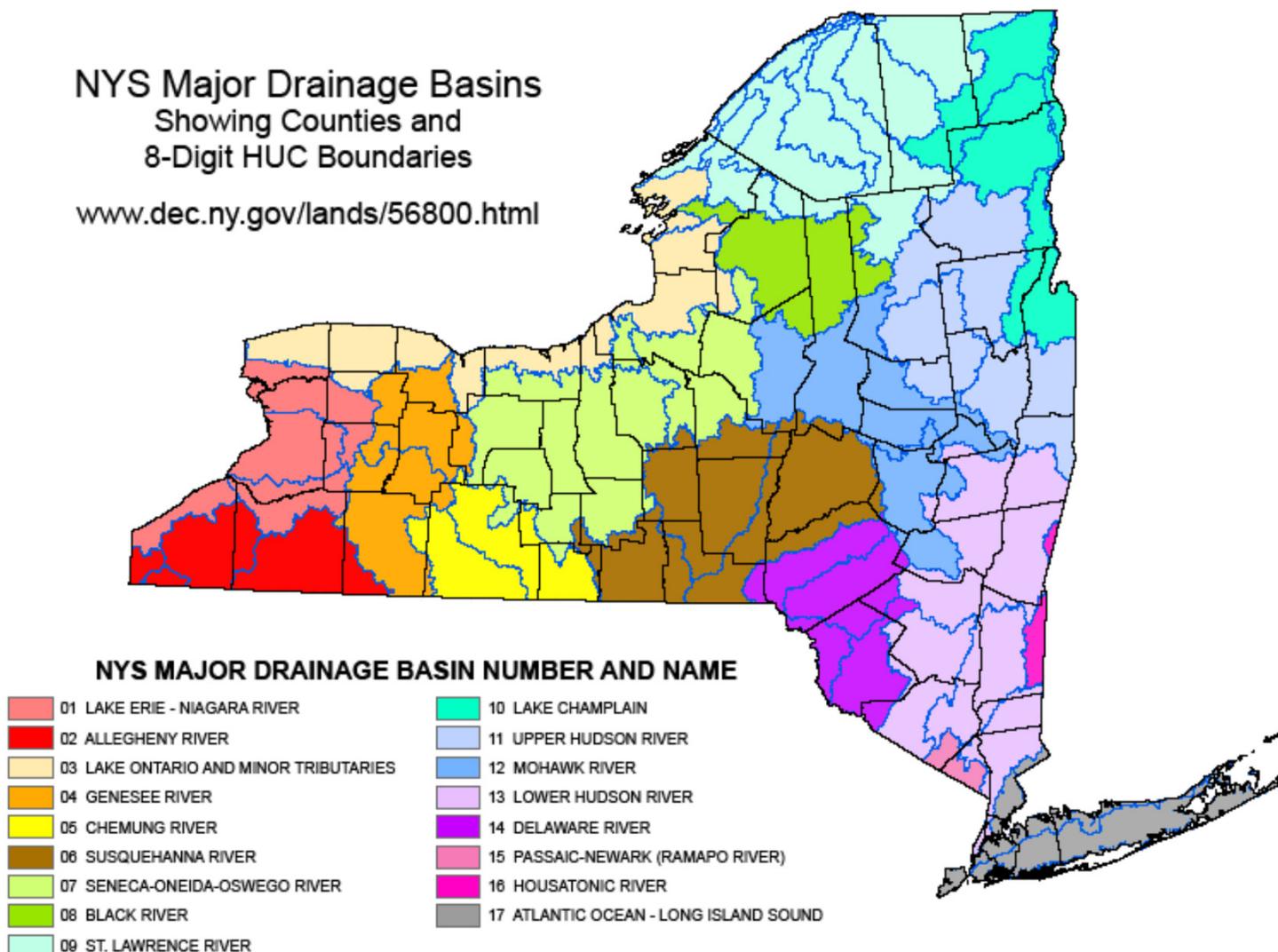
Applicability

- Statewide permits for withdrawals $\geq 100,000$ gpd.
- Statewide registration for existing agricultural withdrawals $> 100,000$ gpd avg. for 30-days
- Statewide registration of all major basin (see map) diversions > 1 mgd



NYS Major Drainage Basins Showing Counties and 8-Digit HUC Boundaries

www.dec.ny.gov/lands/56800.html



Requirements

- Permit Exemptions
 - Fire suppression or emergency purposes
 - Approvals from Basin Commissions
 - Non-extractive geothermal heat pumps
 - Long Island well permits
 - Existing registered agricultural withdrawals
 - Remediation sites under order or agreement
 - Short term construction uses / dewatering

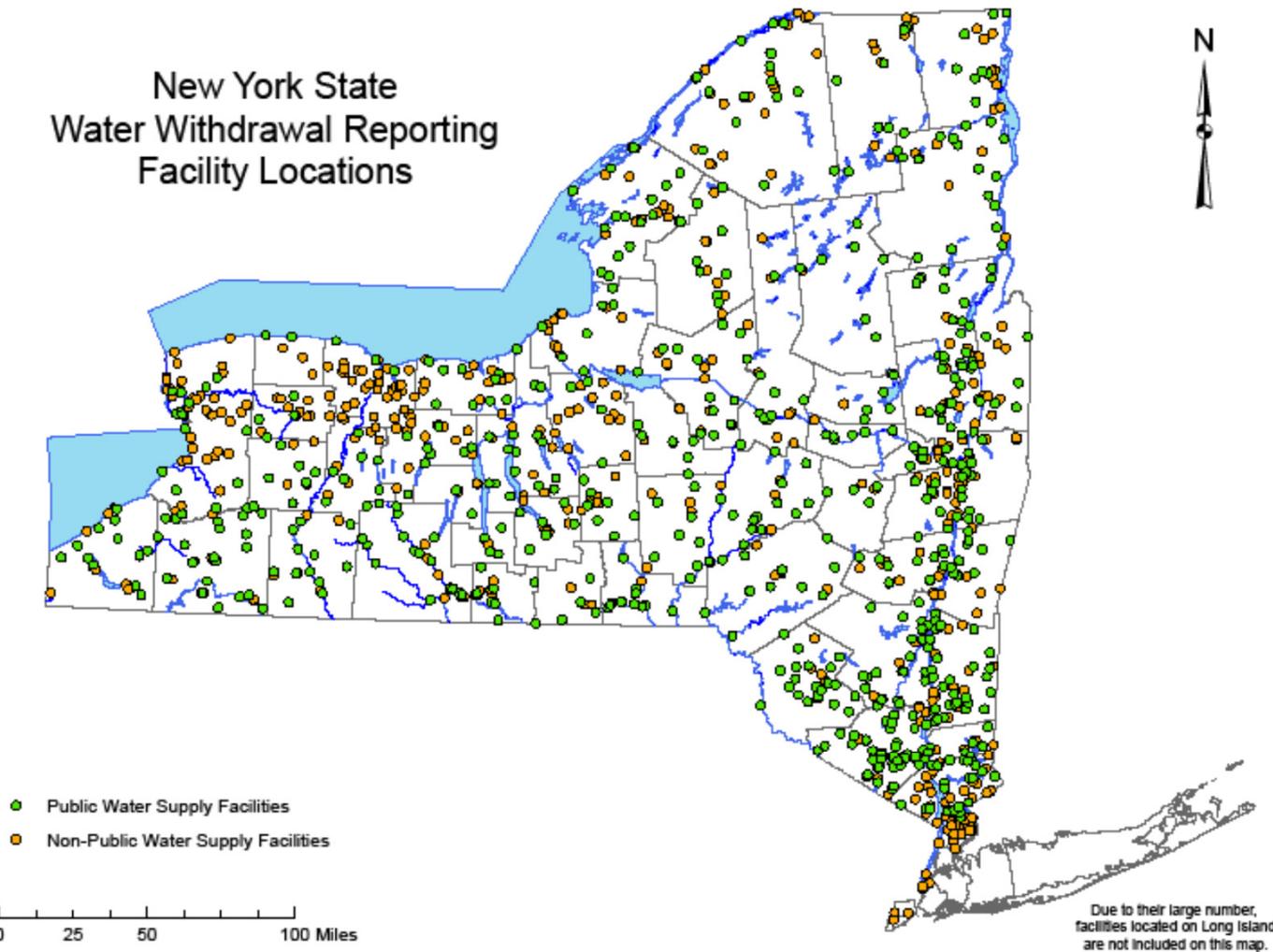


Coordination with SRBC

- Coordination of Application Reviews
 - Including NYSDOH and PSC (where applicable)
 - Approval By Rules
- Low Flow Protection Policies
- Annual Water Usage Reporting
 - Contact Richard Kruzansky at 518 402-8182
- Water Conservation
- Memorandum of Understanding?



New York State Water Withdrawal Reporting Facility Locations

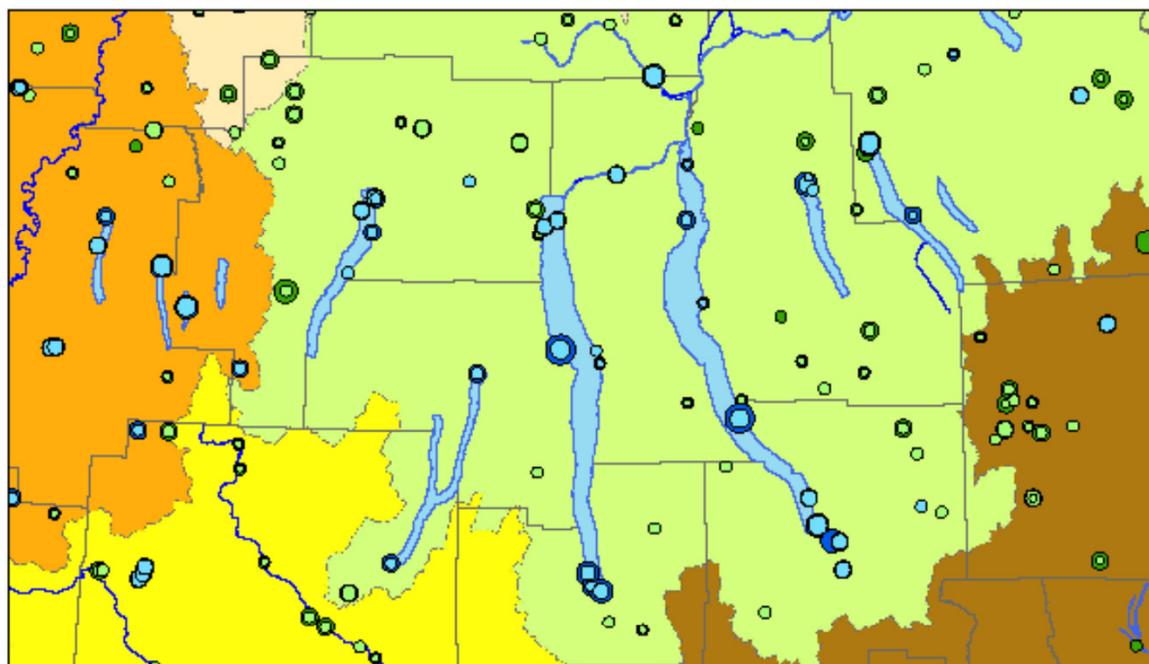


**NYSDEC BUREAU OF WATER RESOURCE MANAGEMENT
ANNUALLY REPORTED WATER WITHDRAWAL DATA
2011
SUSQUEHANNA RIVER BASIN**

FACILITY NAME	CONTACT NAME	EMAIL	PHONE	WATER USE CATEGORY	USGS HUC CODE	SOURCE NAME	SOURCE CAPACITY	UNITS	AVERAGE DAY WITHDRAWAL (MGD)	MAXIMUM DAY WITHDRAWAL (MGD)	MAXIMUM OR PERMITTED CAPACITY (MGD)
						Limekiln Creek	907,200	GPD			
						Marsh Ditch	7,099,200	GPD			
						Pond	1,814,400	GPD			
						Stonybrook Creek	936,000	GPD			
AA Dairy	Robert Aman	raaman@htva.net	607-760-1957	Agricultural	02050103	16 foote crossing	10	GPM	0.04	0.04	0.04
						Well 1					
						Well 2					
Cornell Hartford T & R Center	Linda Aarismaa	ima25@cornell.edu	607-255-0805	Agricultural	04140201	Harford North well	153,552	GPD	0.05	0.08	0.15
						Well#2	450	GPM			
						Well#3	450	GPM			
Damin Farm, LLC	Joel Covert	daminfrm@empacc.net	607-522-4518	Agricultural	02050105	Well #1	22	GPM	0.04	0.05	0.14
						Well #10	15	GPM			
						Well #11	15	GPM			
						Well #12	15	GPM			
						Well #2	50	GPM			
						Well #3	25	GPM			
						Well #4	35	GPM			
						Well #5	20	GPM			
						Well #6	100	GPM			
						Well #7	22	GPM			
						Well #8	15	GPM			
						Well #9	5	GPM			
Darin Hickling	Darin Hickling	hickfish@gmail.com	607-965-8488	Agricultural	02050101	well 1	20	GPM	0.03	0.04	0.07
Hoeffner Farms - Hornell	Steve Hoeffner		607-769-3404	Agricultural	0205104	Arkport Location	1,650	GPM	0.59		2.38
Joseph Meyer & Sons	John Meyer	jmeyer8008@aol.com	585-455-0531	Agricultural	02050105	Didas Farm	700	GPM			
Mahany,R&G	Gary Mahany	gmahany@verizon.net	607-295-7243	Agricultural	02050104	Canaseraga Creek	2,721,600	GPD	1.16	6.06	7.06
						Colwell	15	GPM			
						Henrys	15	GPM			
						Main Farm 1	30	GPM			
						Main Farm 2	20	GPM			
						Main Farm 3	20	GPM			
						Main Farm 4	15	GPM			
						Olins	15	GPM			
						Titus spring	15	GPM			
						Titus well	10	GPM			



New York State Water Withdrawal Reporting Surface Water and Groundwater Withdrawal Locations in the Finger Lakes Area



Surface Water Withdrawal Locations

Average Day Withdrawal (MGD)

- <0.1
- 0.1-1
- 1-10
- >10

Maximum Capacity (MGD)

- <1
- 1-10
- 10-100
- >100

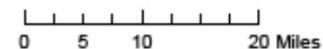
Groundwater Withdrawal Locations

Average Day Withdrawal (MGD)

- <0.1
- 0.1-1
- 1-10
- >10

Maximum Capacity (MGD)

- <1
- 1-10
- 10-100
- >100





Questions?

