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AREA PLAN 2011 – 2015



This plan was prepared by the Central New York RC&D Council with assistance from the USDA Natural Resources Conservation Service. It was prepared under authority of the Secretary of the Department of Agriculture under the Agriculture and Food Act of 1981, Public Law 97-98, 16 U.S.C 3451-3461 as amended by Public Law 101-624, section 1452

CENTRAL NEW YORK RESOURCE CONSERVATION AND DEVELOPMENT (RC&D) AREA

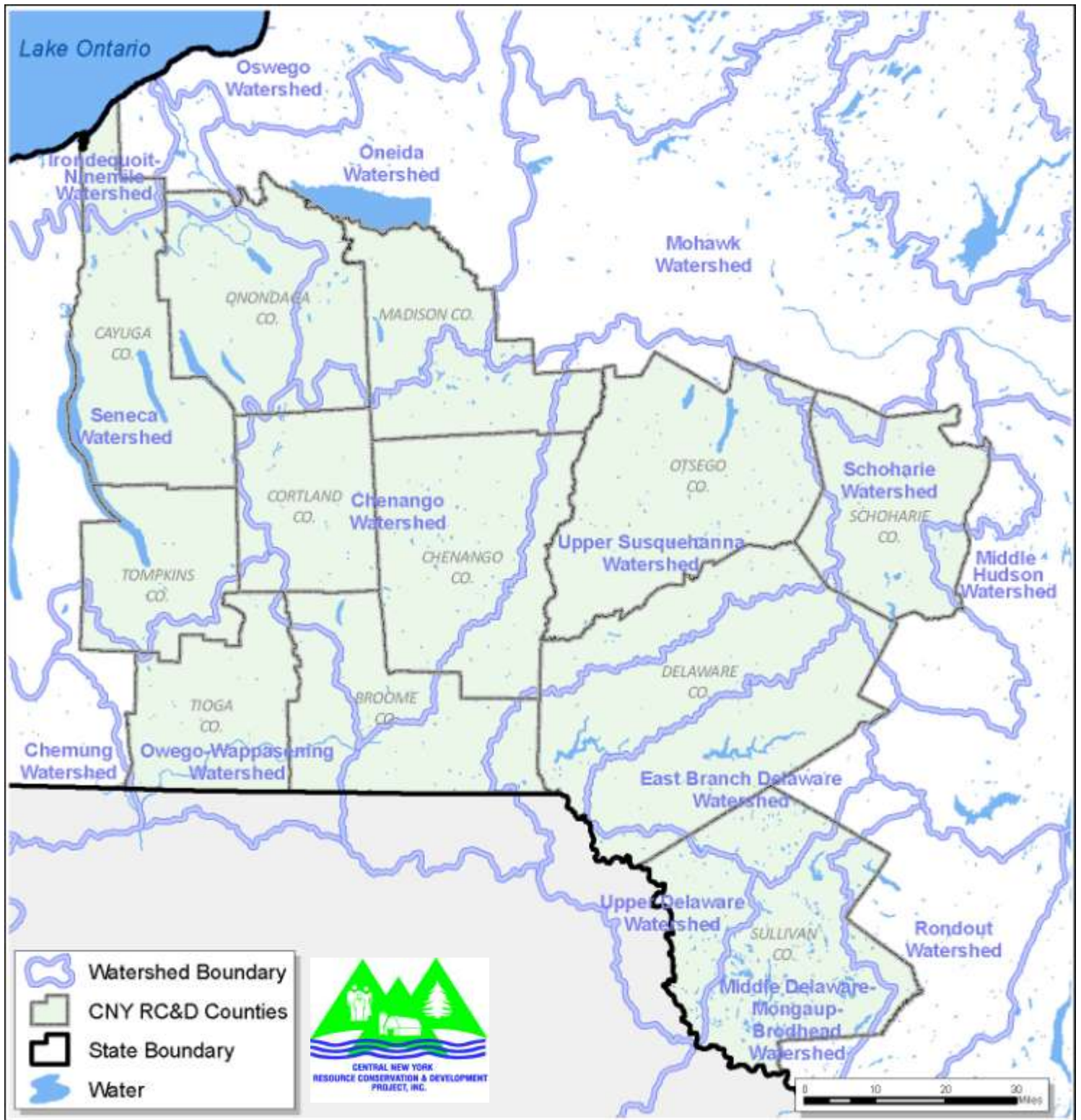


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The RC&D Coordinator serves as the liaison between USDA-NRCS and the RC&D Council and is responsible for supervision of all USDA staff assigned to the RC&D office. The Coordinator ensures that all federally assisted activities are carried out in accordance with applicable USDA program statutes in support of the RC&D Area Plan. Duties of the Coordinator include: assisting the Council in developing, updating and implementing the RC&D Area Plan, assisting the RC&D Council to develop projects worthy of receiving technical or financial assistance, assisting with the grant writing, assisting the Council in identifying prospective Federal and non-Federal funding sources, overseeing and performing activities required of specific projects, and providing day to day direction for the implementation of the Council's Area Plan and Annual Plan of Work.

MISSION, VISION AND HOLISTIC GOAL

Mission:

Central NY RC&D Project, Inc. will work cooperatively in educating and learning from landowners, organizations and other partners to improve our 12 county region's economic, environmental and social vitality through the wiser use of human and natural resources.

Vision:

Central NY RC&D Project, Inc. is a catalyst for a healthy environment and population, living in thriving rural and urban communities integrated with diverse natural and agricultural landscapes.

CENTRAL NY RC&D HOLISTIC GOAL

Quality of Life (what we value and desire for our organization)

Central NY RC&D will be recognized for our creative, innovative leadership, respect of the community and for our courage and farsightedness. We will advocate and encourage sustainable and ecologically sound communities.

We value our relationships with other organizations and people and encourage a diversity of opinions. We are dedicated to providing an organizational environment and workplace in which our members, employees, volunteers and partners feel both valued and secure. We value our services to the community through evaluating and implementing traditional and new ventures.

Forms of Production (What we must produce to attain our desired Quality of Life)

We must: have mutual respect for all; allow freedom of expression; feel valued as a Board and Staff; have credibility as an organization; use sound management practices; have awareness and motivation; possess knowledge of the 'whole' and the environment of the region; be comfortable with a change of consciousness; promote synergy with others; maintain financial security; promote an environment conducive to creativity and mirthfulness.

Future Resource Base (What the future must be like to sustain our organization)

As an organization: we will be credible, respected, valued, experienced, knowledgeable, well-traveled and sustainable, with broad based funding relationships. We will have synergetic relationships with other creative / like-minded / progressive organizations.

How our surrounding landscape appears: Clear streams, covered soil, high bio-diversity, effective water and mineral cycles.

How our Community is: Aware and supportive.

AREA OVERVIEW

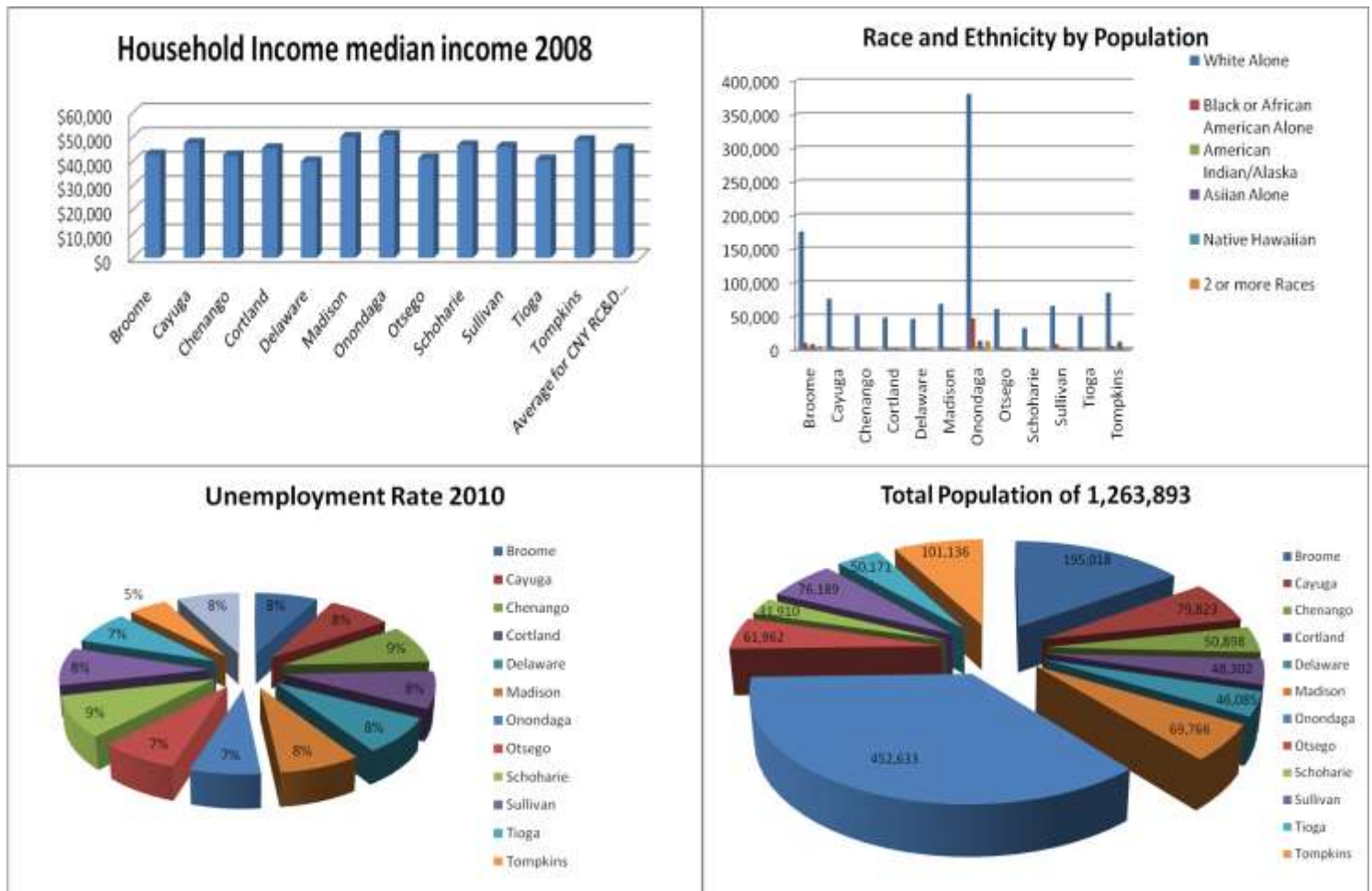
LOCATION AND SETTING

The Central NY region in the heart of New York State brims with opportunity for businesses seeking a prime location, resources, and an array of business-friendly services. Central New York offers an abundance of human, cultural, and natural resources. The twelve-county Region, covering 9,266 square miles, comprises a balance of urban centers, suburban communities, small towns and rural living.

The area contains 5,930,240 acres or 9,266 square miles. It is distributed among the 12 counties as follows:

County	Square Miles	Acres
Broome	707	452,000
Cayuga	693	552,320
Chenango	894	572,160
Cortland	500	320,000
Delaware	1446	925,440
Madison	656	419,840
Onondaga	780	499,200
Otsego	1003	641,920
Schoharie	622	398,080
Sullivan	970	620,800
Tioga	519	332,160
Tompkins	476	304,640

ECONOMIC DATA



Central NY Resource Conservation & Development Area
Data by County from 2008 Census Unless Otherwise Indicated

County	POVERTY	Household Income	Unemployment Rate	Population	Total Population	Population percent change
	Person below Poverty 2008	median income 2008	2010	With related children under 18 years	2008	2000-2008
Broome	14.2%	\$42,619	9.6%	20.0%	195,018	-2.80%
Cayuga	11.6%	\$47,308	9.8%	20.8%	79,823	-2.60%
Chenango	14.2%	\$42,257	10.6%	21.4%	50,898	-1.00%
Cortland	15.3%	\$45,174	10.2%	20.4%	48,302	-0.06%
Delaware	16.5%	\$39,821	10.0%	19.2%	46,085	-4.10%
Madison	12.5%	\$49,853	9.5%	20.7%	69,766	0.50%
Onondaga	11.7%	\$50,586	8.2%	22.8%	452,633	-1.20%
Otsego	17.3%	\$41,065	9.1%	17.9%	61,962	0.50%
Schoharie	10.9%	\$46,444	11.4%	19.2%	31,910	1.00%
Sullivan	16.4%	\$45,930	10.5%	22.4%	76,189	3.00%
Tioga	9.1%	\$40,493	9.2%	22.0%	50,171	-3.10%
Tompkins	17.3%	\$48,537	6.0%	15.4%	101,136	4.80%
Averages for CNY RC&D Area	13.92%	\$ 45,007	9.5%	20.2%	105,324	-0.42%

Information Resources

Unemployment Rate

<http://www.labor.state.ny.us/stats/Pressreleases/prtbur.txt>

Population

<http://quickfacts.census.gov/qfd/states/>

All Other information

<http://factfinder.census.gov>

Race and Ethnicity

Source: U.S. Census Bureau, 2006-2008 American Community Survey

	Total	White Alone	Black or African American Alone	American Indian/Alaska	Asian Alone	Native Hawaiian	2 or more Races
Broome	195,479	174,277	8,546	505	6,564	81	3,577
Cayuga	80,062	74,334	3,113	320	379	10	1,193
Chenango	51,023	49,338	472	80	82	92	846
Cortland	48,364	46,298	678	241	379	23	611
Delaware	46,292	44,262	379	364	276	0	733
Madison	69,753	66,544	1,241	507	599	0	547
Onondaga	452,978	379,207	45,019	3,011	11,541	543	11,151
Otsego	62,181	58,815	1,356	129	580	0	849
Schoharie	31,912	30,784	465	181	159	0	182
Sullivan	76,173	63,586	6,454	488	1,003	0	2,047
Tioga	50,347	48,748	441	101	166	0	855
Tompkins	100,535	83,283	3,995	213	10,100	58	2,053
Totals	1,265,099	1,119,476	72,159	6,140	31,828	807	24,644
NYS Totals	19,428,881	12,951,112	3,025,701	69,158	1,333,339	7,994	363,381

AGRICULTURAL STATISTICS

2007 Census of Agriculture - County Data													
	New York	Broome	Cayuga	Chenango	Cortland	Delaware	Madison	Onondaga	Otsego	Schohaire	Sullivan	Tioga	Tompkins
Farms--number	36,352	580	936	908	587	747	744	692	980	525	323	565	588
Land in farms--acres	7,174,743	86,613	249,476	177,267	124,824	165,572	188,320	150,499	176,481	95,490	50,443	106,834	108,739
Average size of farm--acres	197	149	267	195	213	222	253	217	180	182	156	189	185
Median size of farm--acres	95	80	105	120	117	132	120	64	125	129	100	111	70
Estimated market value of land and buildings:													
Average per farm--dollars	449,010	275,676	566,337	351,914	331,184	502,668	425,987	521,122	341,977	389,261	545,478	331,150	418,353
Average per acre--dollars	2,275	1,846	2,125	1,803	1,557	2,268	1,683	2,396	1,899	2,140	3,493	1,751	2,262
Estimated market value of all machinery and equipment													
Average per farm --dollars	97,550	62,296	147,985	76,894	72,069	83,894	113,067	127,052	64,459	79,647	81,001	70,301	94,081
Farms by size:													
1 to 9 acres	2,914	40	66	36	35	43	37	76	44	33	19	30	42
10 to 49 acres	8,799	127	201	189	112	127	137	219	178	90	81	118	196
50 to 179 acres	13,847	288	349	364	239	260	270	219	423	214	134	235	204
180 to 499 acres	7,739	104	187	249	133	241	195	98	275	152	66	140	93
500 to 999 acres	2,014	15	77	52	50	62	75	35	50	30	19	29	26
1,000 acres or more	1,039	6	56	18	18	14	30	45	10	6	4	13	27
Total cropland--farms	31,083	482	822	812	500	626	643	586	835	469	274	490	490
.....acres	4,314,954	43,575	193,034	86,719	61,458	68,959	115,935	106,223	88,174	53,031	24,614	53,816	67,292
Harvested cropland--farms	26,814	426	702	706	412	558	561	499	730	423	236	420	406
.....acres	3,651,278	35,971	170,746	72,490	48,780	58,430	98,579	91,946	70,653	44,961	21,198	42,342	56,767
Irrigated land--farms	3,036	34	42	25	12	35	41	59	38	36	24	25	55
.....acres	68,010	150	241	141	18	65	513	1,605	243	527	75	377	276
Market value of ag products sold--\$1,000	4,418,634	29,885	214,403	65,794	54,884	55,143	86,331	137,372	51,407	35,153	42,117	36,665	60,185
Average per farm--dollars	121,551	51,526	229,063	72,460	93,500	73,820	116,036	198,515	52,457	66,959	130,393	64,894	102,356
Crops, including nursery and greenhouse crops													
.....\$1,000	1,561,927	5,547	48,544	7,767	5,498	7,897	16,124	36,539	8,772	9,793	2,088	4,911	15,267
Livestock, poultry, and their products ..\$1,000	2,856,706	24,337	165,859	58,026	49,386	47,246	70,207	100,833	42,636	25,361	40,029	31,754	44,918
Farms by value of sales:													
Less than \$2,500	13,004	241	272	336	248	259	229	246	380	153	123	243	251

\$2,500 to \$4,999	3,075	74	78	70	52	70	62	39	100	53	30	61	42
\$5,000 to \$9,999	3,770	98	82	101	57	70	76	69	105	60	26	74	62
\$10,000 to \$24,999	4,706	81	104	103	64	112	89	90	124	108	62	42	72
\$25,000 to \$49,999	2,694	32	76	70	27	50	73	53	59	37	28	44	25
\$50,000 to \$99,999	2,253	13	88	51	37	44	30	37	59	40	16	13	36
\$100,000 or more	6,850	41	236	177	102	142	185	158	153	74	38	88	100
Government payments--farms	10,596	125	387	311	241	251	242	230	238	137	65	194	179
.....\$1,000	62,652	754	2,791	2,015	1,514	1,247	1,629	2,104	977	596	243	1,053	955
Total income from farm-related sources													
gross before taxes and expenses--farms	13,891	150	455	401	257	298	360	280	329	200	98	179	216
.....\$1,000	204,670	1,678	6,874	3,623	2,931	2,542	4,600	4,834	2,784	1,960	916	1,757	3,284
Total farm production expenses--\$1,000	3,503,312	24,462	165,802	52,240	45,836	45,797	67,875	100,191	43,368	30,120	40,529	28,109	48,254
Average per farm--dollars	96,372	42,176	177,139	57,533	78,086	61,308	91,230	144,785	44,253	57,372	125,477	49,750	82,065
Net cash farm income of operation--farms	36,352	580	936	908	587	747	744	692	980	525	323	565	588
.....\$1,000	1,182,644	7,856	58,267	19,192	13,493	13,135	24,685	44,120	11,801	7,589	2,747	11,366	16,170
Average per farm--dollars	32,533	13,544	62,251	21,137	22,987	17,583	33,179	63,758	12,042	14,455	8,504	20,117	27,499
Principal operator by primary occupation:													
Farming--number	19,624	252	513	496	301	437	414	373	538	303	164	246	270
Other--number	16,728	328	423	412	286	310	330	319	442	222	159	319	318
Principal operator by days worked off farm:													
Any--number	22,070	409	577	521	353	410	423	433	541	314	179	336	382
200 days or more--number	13,640	256	350	287	215	257	256	281	325	203	123	219	259
Livestock and poultry:													
Cattle and calves inventory--farms	13,589	212	377	424	249	409	363	227	426	224	119	250	181
.....number	1,443,297	15,193	73,003	37,933	24,855	29,766	43,115	41,979	24,758	14,301	6,300	16,924	23,639
Beef cows--farms	6,803	150	169	199	113	234	147	103	203	129	79	153	94
.....number	103,620	2,087	2,835	3,032	1,529	3,986	2,330	1,516	2,345	1,765	1,215	1,559	1,326
Milk cows--Farms	5,683	49	156	208	125	157	198	112	180	87	32	102	84
.....number	626,455	5,756	32,158	14,056	11,990	10,530	19,128	21,968	11,386	6,068	2,272	7,857	10,284
Cattle and calves sold--farms	10,898	157	303	335	205	319	322	188	340	178	89	201	131
.....number	583,468	5,192	35,097	12,330	9,086	24,058	13,812	15,227	8,302	4,921	2,220	6,311	9,219
Hogs and pigs inventory--farms	1,871	20	40	38	35	51	44	25	58	38	23	37	19

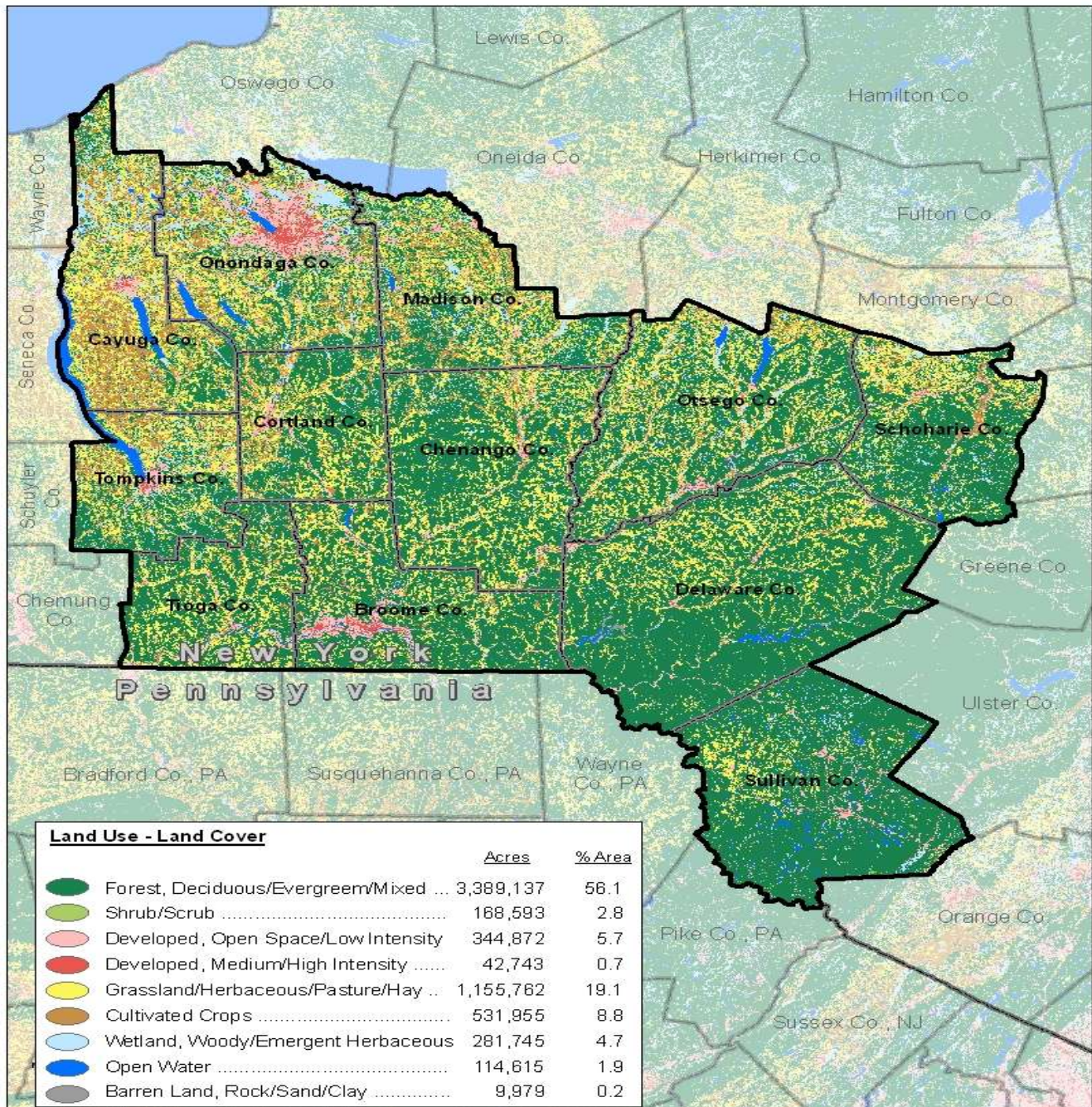
.....number	85,741	140	2,909	878	1,022	657	274	210	782	291	425	415	606
Hogs and pigs sold--farms	1,817	23	40	42	31	67	34	26	52	44	21	40	17
.....number	322,396	263	(D)	1,475	2,164	1,143	453	418	2,621	702	525	1,455	1,151
Sheep and lambs inventory--farms	1,799	18	45	45	29	49	43	40	59	42	31	29	36
.....number	63,182	753	1,525	1,200	1,291	1,201	1,684	771	2,134	1,305	729	647	3,355
Layers inventory--farms	4,006	75	80	90	43	121	93	61	115	66	64	82	65
.....number	3,952,975	2,795	92,051	3,175	766	3,774	2,451	(D)	4,012	2,071	(D)	2,753	3,525
Broilers and other meat-type chickens sold-. farms	452	10	7	6	2	10	7	8	9	10	13	7	4
.....number	1,779,733	341	1,100	1,473	(D)	1,427	585	1,339	860	3,747	1,528,519	768	260
Selected crops harvested:													
Corn for grain--farms	4,243	16	271	72	53	15	136	144	75	34	3	45	83
.....acres	551,629	875	39,379	4,962	4,671	674	16,680	24,652	5,755	3,611	(D)	3,430	8,763
.....bushels	71,454,280	110,292	5,336,514	627,006	601,489	92,976	2,289,012	3,203,575	665,359	544,357	(D)	466,174	1,225,061
Corn for silage or greenchop--farms	5,278	47	189	155	90	111	173	115	163	66	21	73	78
.....acres	507,568	5,376	29,200	9,929	7,860	5,685	14,684	13,816	8,722	4,729	882	4,982	7,527
.....tons	8,640,006	91,166	535,967	174,687	145,151	95,354	263,909	266,149	130,872	79,143	14,451	79,024	144,061
Wheat for grain, all--farms	1,058	-	112	-	3	-	15	56	5	-	1	-	25
.....acres	84,955	-	8,058	-	55	-	1,232	4,713	88	-	(D)	-	2,951
.....bushels	4,544,032	-	460,827	-	3,200	-	58,041	263,931	4,883	-	(D)	-	161,432
Winter wheat for grain--farms	1,012	-	111	-	3	-	15	54	5	-	1	-	25
.....acres	82,172	-	8,018	-	55	-	(D)	(D)	88	-	(D)	-	2,905
.....bushels	4,422,712	-	458,827	-	3,200	-	(D)	(D)	4,883	-	(D)	-	160,292
Spring wheat for grain--farms	76	-	3	-	-	-	2	2	-	-	1	-	5
.....acres	2,783	-	40	-	-	-	(D)	(D)	-	-	(D)	-	46
.....bushels	121,320	-	2,000	-	-	-	(D)	(D)	-	-	(D)	-	1,140
Oats for grain--farms	1,809	11	86	29	21	5	59	76	47	18	1	18	54
.....acres	60,999	87	2,771	760	497	70	1,548	4,013	1,108	382	(D)	595	3,285
.....bushels	3,556,221	2,626	163,403	42,684	28,040	3,854	102,661	234,119	57,911	21,952	(D)	28,903	182,345

LAND USE/LAND COVER

The 2001 National Land cover Database (NLCD) is a result of a cooperative project conducted by the Multi-Resolution Land Characteristics (MRLC) Consortium, which consists of 10 federal agencies. USGS leads the development and coordinates the creation of the database.

Sixteen classes of land cover exist within the United States. New York contains 15, with perennial ice/snow being the only class not within its boundaries. The dataset has a 30-meter resolution with a 1-acre minimum mapping unit. In New York, similar classes were combined within the map: Deciduous, Evergreen and Mixed Forests; Open Space and Low Intensity Development; Medium and High Intensity Development; Grassland/Herbaceous and Pasture/Hay; Woody and Emergent Herbaceous Wetlands.

For more information about the NLCD visit http://www.mrlc.gov/mrlc2k_nlcd.asp.



FOREST STEWARDSHIP POTENTIAL

The Potential for Forest Stewardship depicts the best management possibilities for New York State's private lands. Twelve different parameters assessing resource threat factors (development risk and forest health) and resource potential factors (private forest land, forest patch size, riparian corridors, public water supply, priority watersheds, threatened and endangered species, wetlands, proximity to publicly owned lands, conservation easements and slope) were used to determine the stewardship potential on private land in NYS. White areas represent state and federal forests or recreational areas as well as areas without stewardship potential.

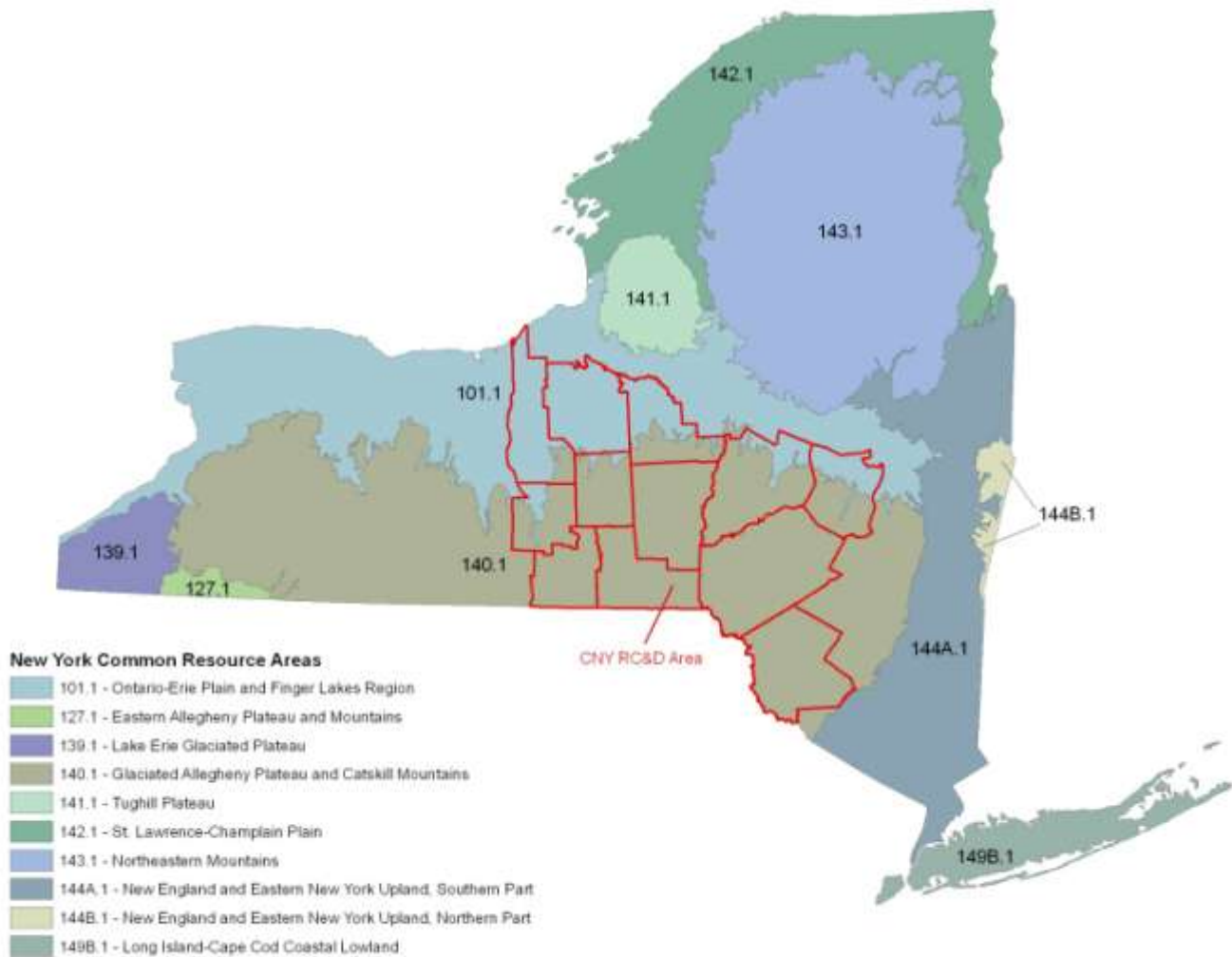
The data used to determine NYS Forest Stewardship Potential was based on the Forest Stewardship Spatial Analyst Project: <http://www.fs.fed.us/na/sap/index.shtml>
Project Overview and General Methodology: <http://www.fs.fed.us/na/sap/downloads/project-overview.pdf>

New York State Results: <http://www.fs.fed.us/na/sap/products/ny.shtml>

This data was created and is maintained by the New York State Department of Environmental Conservation, Division of Lands & Forests, Bureau of Private Land Services, 5th Floor, 625 Broadway, Albany, NY, 12233, Phone: (518) 402-9425. The data set was last revised on June 9, 2006.



COMMON RESOURCE AREA



101.1 – The Ontario-Erie Plain and Finger Lakes Region Common Resource Area (CRA) is composed mostly of a nearly level to rolling plain. North-south oriented drumlins are prominent east to west in the center of the area. Elevation is typically 330 to 1,310 feet increasing gradually from the shores of Lake Ontario and Oneida Lake to the Allegheny Plateau in the southern portion of the area. Local relief is mostly 10 feet but on the larger drumlins and many valley sides it will rise 80 to 330 feet. The bedrock underlying this area consists of alternating beds of limestone, dolomite, sandstone, and shale.

This region is dominated by soils derived from mixed glacial and lake laid deposits which are 12,000 years or somewhat less in age. The mean annual soil temperature ranges from 46 to less than 59°F. The soils are generally well to moderately well drained and can contain associated deposits which are more poorly drained.

High intensity thunderstorms and heavy snowstorms distribute precipitation evenly throughout the year. The average annual temperature is 42 to 50°F. The freeze-free period averages 175 days and ranges from 145 to 205 days.

Most of this area is in farms. About one-third of the acreage is cropland, which is used mainly for hay, corn, and small grains associated with dairy operations. Cash crops, including canning and truck crops, wheat, and dry beans, also are grown. Orchard and vineyard crops are important locally, particularly near Lake Ontario and the Finger Lakes.

About one-third of the area is forestland, mostly in farm woodlots. Approximately 15 percent of the area is used for urban development, which is expanding around the larger cities, such as Buffalo, Rochester, and Syracuse. Some of the major wildlife species in this area are white-tailed deer, cottontail, gray squirrel, pheasant, woodcock, and ruffed grouse.

140.1 – The Glaciated Allegheny Plateau and Catskill Mountains Common Resource Area (CRA) is broad and nearly level to moderately sloping in the west while the Catskills in the east have steep slopes. Elevation is typically 350 to 1,000 feet on the valley floors; 1,650 to 2,000 feet on the plateau surface to 3,600 feet or more in parts of the Catskills. Alternating beds of shale and sandstone make up the area.

The CRA is dominated by glacial till soils that are generally 12,000 years in age or less. The mean annual soil temperature ranges from 46 to less than 59°F. Soil drainage ranges from well to poorly drained.

Generally, rainfall occurs as brief thunderstorms during the growing season, but the dominant amount of precipitation falls as snow. The average annual temperature is 40 to 50°F. The freeze free period averages 165 days and ranges from 130 to 200 days.

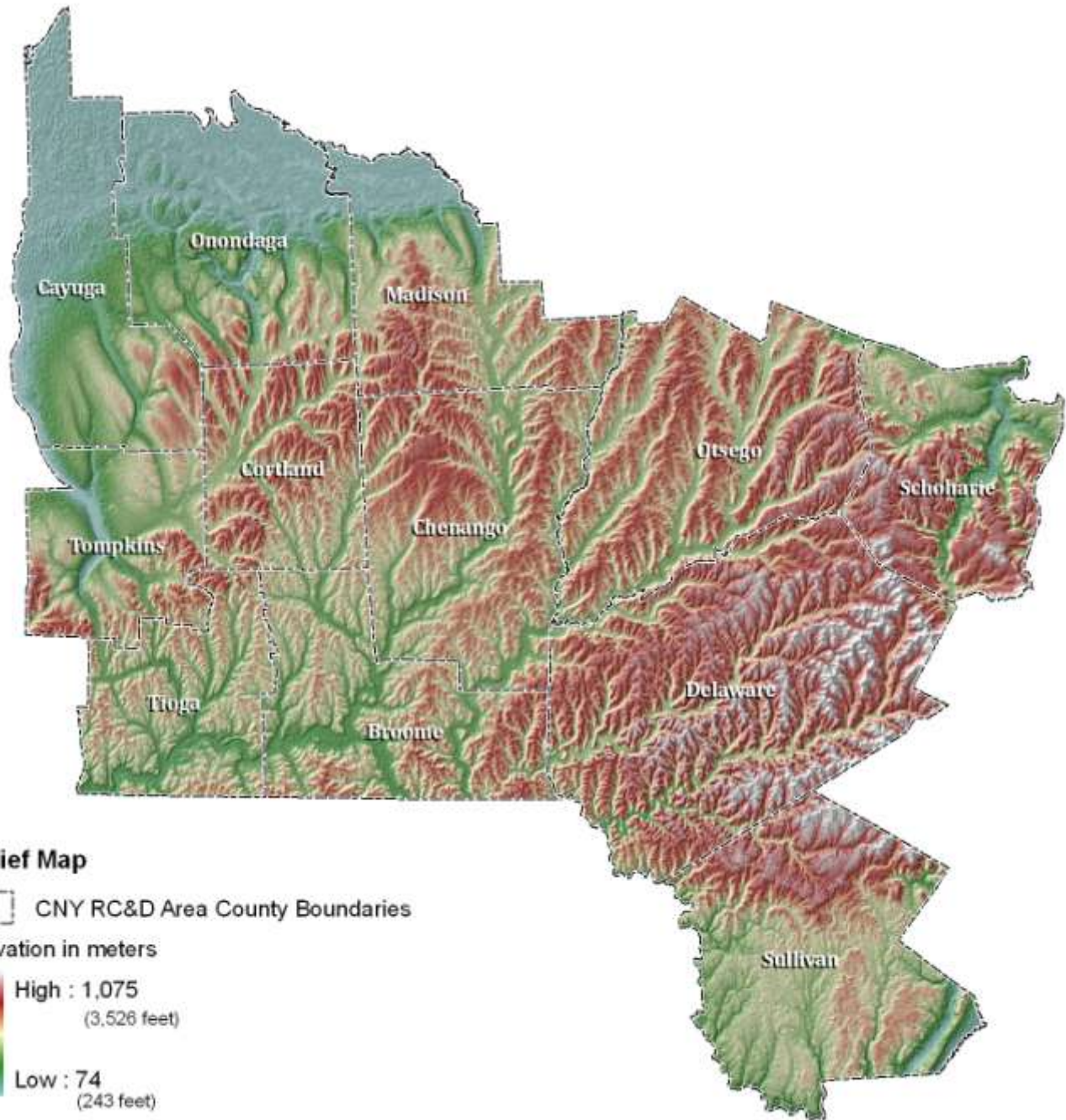
Much of this area is in farms, but a large acreage is in second and third growth forests of oak and northern hardwoods. Urban use is expanding in some places. The Catskill Mountains are used mainly for recreation. Hay, pasture, and some grain for dairy cattle are the principal crops. Locally, potatoes are an important cash crop on the plateau tops, and poultry, fruits, and truck crops are produced in many of the narrow valleys. The dominant wildlife species are white-tailed deer, cottontail, turkey, pheasant and grouse.

Major soil resource concerns are water erosion, soil wetness, and maintenance of the content of organic matter and productivity of the soils. Sedimentation from nonpoint sources, such as agriculture and urban runoff is also a concern.

Common Resource Areas (CRA) are defined as geographical areas where resource concerns, problems and treatment needs are similar. Landscape conditions, soil, climate, human considerations and other natural resource information are used to define the geographic boundaries of a CRA.

Common Resource Area information was supplied using: 1. USDA-NRCS. 2006. Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin. 2. Agriculture Handbook 296. Washington, D.C. 3. USDA-NRCS. 2006. Keys to Soil Taxonomy (tenth edition). Washington, D.C. 4. The Pennsylvania State University. 1998. World Wide Web citation: http://www.soilinfo.psu.edu/soil_lrr/.

RELIEF MAP

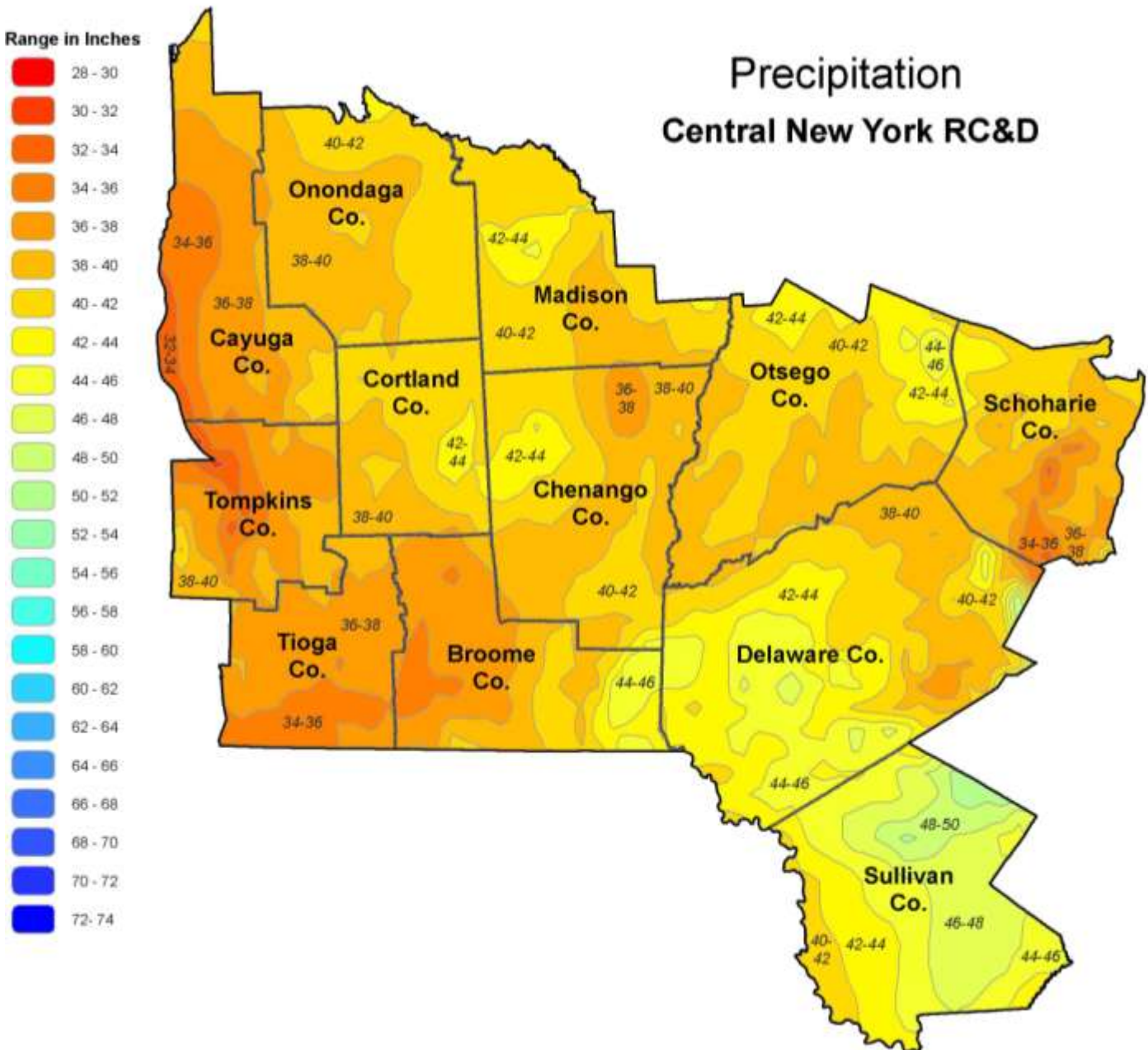


Relief Map was created using the 30 meter National Elevation Dataset (NED) produced by the U.S. Geological Survey (USGS). Data was downloaded from <http://seamless.usgs.gov/>. The digital elevation model (DEM) was then clipped to the CNY RC&D Area and a hillshade grid was derived from the 30 meter DEM and draped over top of the DEM to create a 3-D effect. To learn more about the NED visit <http://ned.usgs.gov>

PRECIPITATION

Precipitation refers to all forms of water, liquid or solid, that fall from the atmosphere and reach the ground. In the Central NY RC&D area, the precipitation varies from west to east across with greater amounts occurring in the south eastern counties of Delaware and Sullivan. On some soils with in this area, vegetation may suffer moisture stress during temporary periods of insufficient rainfall. The map below depicts the average annual precipitation within the RC&D area.

Average Annual Precipitation data in New York State was derived from the climatological period of 1961-1990. Parameter-elevation Regressions on Independent Slopes Model (PRISM) derived raster data is the underlying data set from which the polygons and vectors were created. Precipitation data was downloaded from the NRCS Geospatial Data Gateway <http://datagateway.nrcs.usda.gov/>. Information about PRISM can be found at <http://www.ocs.oregonstate.edu/prism/index.phtml>.

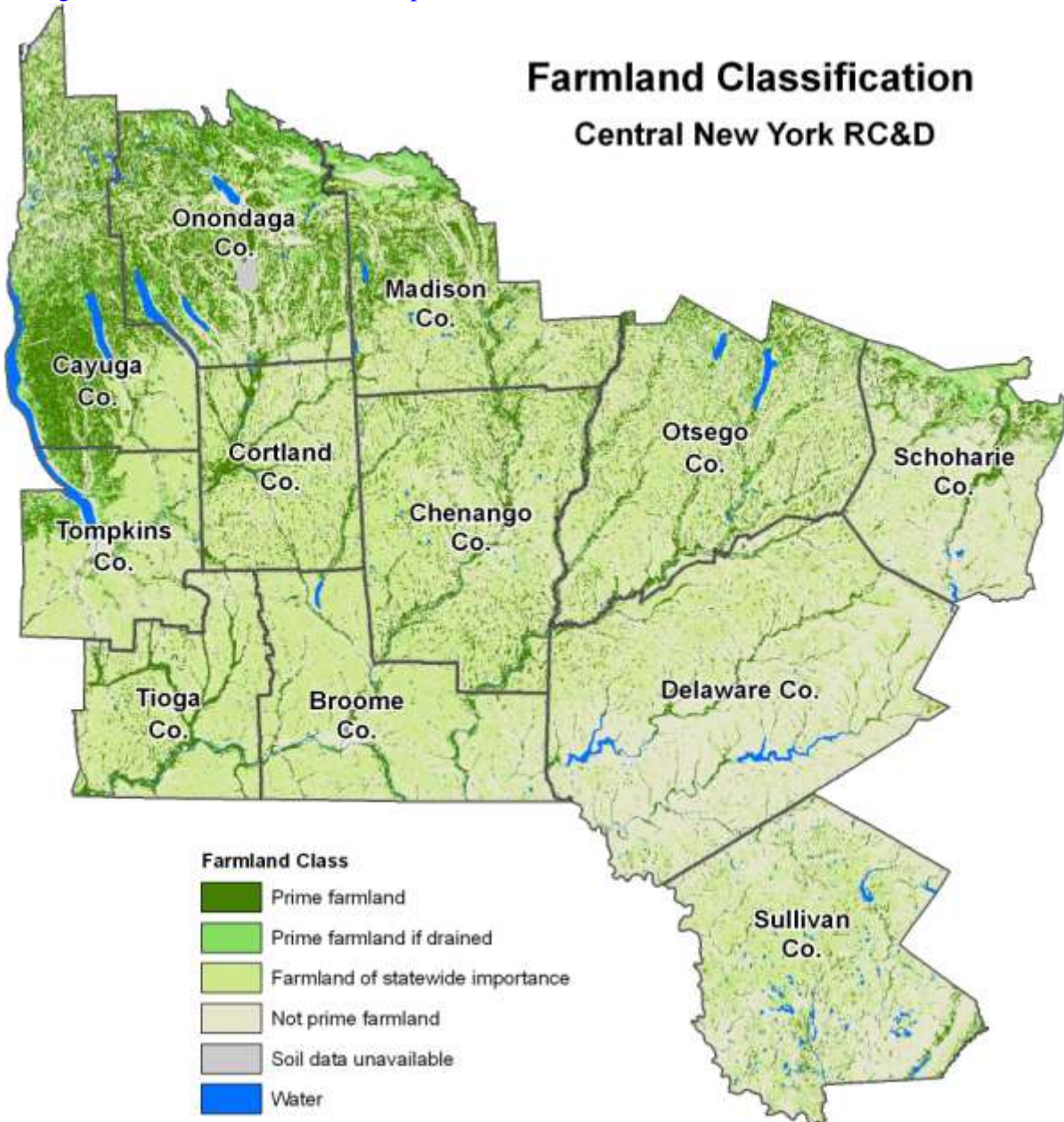


FARMLAND CLASSIFICATION

Farmland classification identifies the location and extent of the most suitable land for agricultural use. In New York, soil map units are classified as prime farmland, prime farmland if drained, farmland of statewide importance, or not prime farmland. Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and that is available for these uses. In New York, soils are classified as farmland of statewide importance if they do not meet the criteria for prime farmland or prime farmland if drained, but have a land capability classification of 1 through 3 or 4w. Soils with a land capability classification of 4e, 4s, or 5 through 8 are not prime farmland or farmland of statewide importance.

NRCS policy and procedures on prime farmlands are maintained in the Code of Federal Regulations, title 7, part 657. An overview of prime farmland criteria is in the National Soil Survey Handbook:

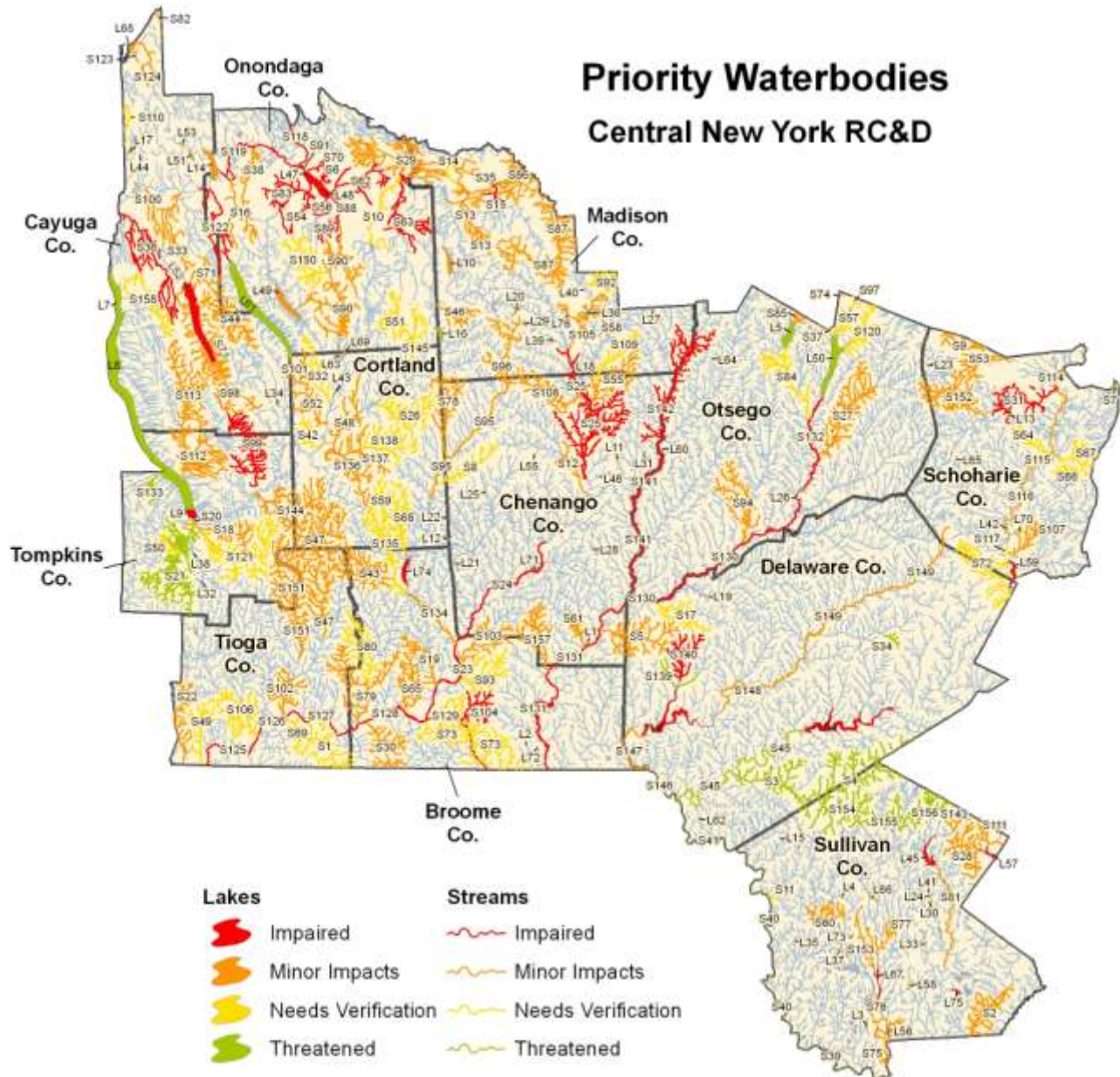
<http://soils.usda.gov/technical/handbook/contents/part622.html#04>



Metadata and SSURGO data for the above mentioned surveys were downloaded from the NRCS Soil Data Mart at <http://soildatamart.nrcs.usda.gov>. The map unit and component tables from the tabular data were linked to the spatial data to obtain the soil classifications found in this section. Visit the online Web Soil Survey at <http://websoilsurvey.nrcs.usda.gov> for official and current USDA soil information as viewable maps and tables.

PRIORITY WATERBODIES

The New York State Waterbody Inventory/Priority Waterbody List is a statewide inventory of surface waters that characterizes the general water quality, the degree to which water uses are supported and progress toward the identification of water quality problems, sources and improvements. This list represents assessments of the state's surface waters to satisfy the Clean Water Act Section 305(b) reporting and Section 303(d) listing.



This data is maintained and updated by the New York State Department of Environmental Conservation, Division of Water, Bureau of Water Assessment and Management. For more information please visit <http://www.dec.ny.gov/chemical/23846.html>.

Streams numbered S28 and S111 are attributed as being impaired to some degree. However the ancillary tables that define the impairment, pollutant and source are null at this point in time.

PRIORITY WATERBODY USE, POLLUTANT AND SOURCE OF POLLUTANT

Priority Waterbody	Designated Uses	Pollutant	Pollutant Source
L1	Afton Lake Aquatic Life Public Bathing Recreation	Dissolved Oxygen Nutrients-nutrient recycling Algal/Weed Growth-algal blooms Acid/Base (pH)	Failing On-Site System Agriculture Other Source-golf course runoff
L2	Beaver Lake Aesthetics Recreation	Nutrients-phosphorus Algal/Weed Growth-algal blooms	Failing On-Site System
L3	Big Mohican Lake Recreation	Nutrients-phosphorus Dissolved Oxygen	Failing On-Site System
L4	Briscoe Lake/Segar Pond Public Bathing	Algal/Weed Growth Nutrients-phosphorus Dissolved Oxygen Silt/Sediment	Agriculture Other Source Streambank Erosion
L5	Canadarago Lake Aquatic Life Recreation Public Bathing Habitat/Hydrology	Algal/Weed Growth-vegetation Dissolved Oxygen Nutrients Acid/Base (pH)	Agriculture Failing On-Site System
L6	Cannonsville Reservoir Water Supply Fish Consumption	Metals-mercury Nutrients-phosphorus Silt/Sediment	Agriculture Municipal-various WWTPs Atmospheric Deposition Failing On-Site System Streambank Erosion Urban Runoff
L7	Cayuga Lake, Main Lake, Mid-North Water Supply	Other Pollutant	Failing On-Site System Agriculture Atmospheric Deposition Industrial Landfill/Land Discharge Municipal Roadbank Erosion Streambank Erosion Urban Runoff Other Source
L8	Cayuga Lake, Main Lake, Mid-South Water Supply	Other Pollutant	Other Source
L9	Cayuga Lake, Southern End Public Bathing Recreation Aesthetics Water Supply	Nutrients-phosphorus Silt/Sediment Algal/Weed Growth Pathogens	Streambank Erosion Agriculture Municipal Roadbank Erosion Urban Runoff Habitat Modification
L10	Cazenovia Lake Public Bathing Recreation	Nutrients Silt/Sediment Pathogens Algal/Weed Growth Problem Species	Failing On-Site System Urban Runoff Habitat Modification
L11	Chenango Lake Recreation Aesthetics Public Bathing Aquatic Life	Algal/Weed Growth-algal blooms Nutrients-nutrient recycling Pathogens Dissolved Oxygen Acid/Base (pH)	Failing On-Site System Agriculture
L12	Cincinnatus Lake Public Bathing Aquatic Life Recreation	Nutrients Silt/Sediment Algal/Weed Growth-vegetation	Failing On-Site System Agriculture Silt/Sediment
L13	Cobleskill Reservoirs Water Supply Recreation	Algal/Weed Growth Nutrients-phosphorus Pathogens	Agriculture Failing On-Site System

L14	Cross Lake	Public Bathing Recreation Aquatic Life	Silt/Sediment Nutrients Pathogens Dissolved Oxygen	Agriculture Other Source-water fowl Streambank Erosion Failing On-Site System Hydro Modification-periodic flooding
L15	Crystal Lake	Recreation Public Bathing	Algal/Weed Growth Nutrients	Unknown Source
L16	DeRuyter Reservoir	Public Bathing Recreation	Algal/Weed Growth- excessive weeds Nutrients-phosphorus	Agriculture
L17	Duck Lake	Recreation	Nutrients-phosphorus Silt/Sediment Algal/Weed Growth	Other Source-naturally eutrophic Agriculture Failing On-Site System Streambank Erosion
L18	Earlville Lake	Recreation	Nutrients	Other Source-nutrient recycling Agriculture
L19	East Sidney Reservoir	Public Bathing Recreation Aesthetics	Algal/Weed Growth- algal blooms Nutrients Silt/Sediment Dissolved Oxygen Pathogens	Agriculture Failing On-Site System
L20	Eaton Brook Reservoir	Aquatic Life Public Bathing Recreation	Dissolved Oxygen Nutrients	Agriculture Other Source-nutrient recycling
L21	Echo Lake	Recreation	Nutrients	Other Source-nutrient recycling Agriculture
L22	Ellis/Melody Lake	Recreation Aesthetics	Nutrients Algal/Weed Growth- algal blooms	Agriculture
L23	Engleville Pond	Recreation Aesthetics Water Supply	Algal/Weed Growth Nutrients-phosphorus	Agriculture
L24	Evens Lake	Recreation	Nutrients	Municipal Unknown Source
L25	Genegantslet Lake	Public Bathing Recreation	Nutrients	Other Source-nutrient recycling Agriculture
L26	Goodyear Lake	Recreation Aesthetics Public Bathing Fish Consumption	Algal/Weed Growth- vegetation Nutrients Silt/Sediment Pathogens Metals-mercury	Failing On-Site System Agriculture Atmospheric Deposition Unknown Source
L27	Gorton Lake	Public Bathing Recreation	Nutrients-phosphorus Pathogens Algal/Weed Growth- aquatic vegetation	Failing On-Site System
L28	Guilford Lake	Water Supply	Other Pollutant	Other Source
L29	Hatch Lake	Public Bathing Aquatic Life Recreation	Nutrients Acid/Base (pH)-high pH	Other Source-nutrient recycling Agriculture
L30	Hill Pond/Morningside Lake	Aquatic Life	Algal/Weed Growth Nutrients-phosphorus	Other Source
L31	Hunts Pond	Recreation	Nutrients	Agriculture
L32	Jennings Pond	Public Bathing Recreation	Pathogens	Unknown Source
L33	Kiamesha Lake	Water Supply Recreation	Nutrients-phosphorus Silt/Sediment Algal/Weed Growth	Other Source Construction Urban Runoff
L34	Lake Como	Recreation Public Bathing	Nutrients-phosphorus Problem Species Dissolved Oxygen Algal/Weed Growth Pathogens	Failing On-Site System Agriculture Habitat Modification
L35	Lake Huntington	Recreation	Nutrients-phosphorus Dissolved Oxygen	Unknown Source
L36	Lake Moraine	Public Bathing Recreation	Nutrients-phosphorus Algal/Weed Growth-	Failing On -Site System Agriculture

		Aquatic Life	aquatic vegetation Pathogens Dissolved Oxygen Silt/Sediment	Streambank Erosion
L37	Lake Superior	Recreation	Nutrients-phosphorus Algal/Weed Growth	Failing On-Site System
L38	Lake Treman	Public Bathing Recreation	Pathogens	Unknown Source
L39	Lebanon Reservoir	Public Bathing Aquatic Life Recreation	Nutrients-phosphorus Algal/Weed Growth- aquatic vegetation Dissolved Oxygen Acid/Base (pH)-high pH	Agriculture
L40	Leland Pond	Recreation	Nutrients	Failing On-Site System Agriculture Other Source-waterfowl
L41	Loch Sheldrake/Sheldrake Pond	Fish Consumption	Metals-mercury	Atmospheric Deposition
L42	Lower Blenheim- Gilboa Reservoir	Recreation	Algal/Weed Growth Silt/Sediment	Streambank Erosion Hydro Modification
L43	Lower/Upper Little York Lakes	Aquatic Life Public Bathing Recreation	Algal/Weed Growth- aquatic vegetation Dissolved Oxygen Nutrients	Agriculture Failing On-Site System Streambank Erosion
L44	Mud Pond	Habitat/Hydrology	Water Level/Flow	Agriculture
L45	Neversink Reservoir	Fish Consumption Water Supply	Metals-mercury Nutrients Silt/Sediment	Atmospheric Deposition Agriculture
L46	Norwich Reservoirs	Water Supply Aquatic Life	Algal/Weed Growth- algal blooms Nutrients Silt/Sediment Pathogens Dissolved Oxygen	Failing On-Site System Agriculture
L47	Onondaga Lake, northern end	Public Bathing Fish Consumption Aquatic Life Recreation Aesthetics	Metals-mercury Nutrients-phosphorus Priority Organics-PCBs, dioxin Pathogens Aesthetics-floatables Algal/Weed Growth- algal mats Dissolved Oxygen Salts Silt/Sediment	Combined Sewer Overflow Industrial Landfill/Land Discharge-Allied-Signal, other Municipal-Syracuse Metro WWTP Toxic/Contaminated Sediment Urban Runoff
L48	Onondaga Lake, southern end	Fish Consumption Aquatic Life Recreation Aesthetics	Metals-mercury Nutrients-phosphorus Priority Organics-PCBs, dioxin Pathogens Aesthetics-floatables Algal/Weed Growth- algal mats Dissolved Oxygen Salts Silt/Sediment	Combined Sewer Overflow Industrial Landfill/Land Discharge-Allied-Signal, other Municipal-Syracuse Metro WWTP Toxic/Contaminated Sediment Urban Runoff
L49	Otisco Lake	Recreation Aquatic Life Water Supply	Silt/Sediment Dissolved Oxygen Algal/Weed Growth Nutrients	Agriculture Failing On-Site System Streambank Erosion
L50	Otsego Lake	Water Supply Recreation Public Bathing	Nutrients-phosphorus Silt/Sediment Pathogens	Agriculture Failing On-Site System Streambank Erosion Other Source-boat pollution Urban Runoff
L51	Otter Lake	Recreation	Nutrients Silt/Sediment	Other Source-naturally eutrophic Agriculture

			Algal/Weed Growth Other Pollutant- phosphorus	Failing On-Site System Streambank Erosion
L52	Owasco Lake	Public Bathing Recreation Water Supply	Algal/Weed Growth Pathogens Nutrients-phosphorus Silt/Sediment	Habitat Modification Other Source-wildlife Agriculture Municipal-Groton WWTP Streambank Erosion Hydro Modification Failing On-Site System Construction
L53	Parker Pond	Recreation	Algal/Weed Growth Nutrients	Habitat Modification Agriculture Failing On-Site System
L54	Pepacton Reservoir	Fish Consumption Water Supply	Metals-mercury Nutrients	Atmospheric Deposition Agriculture Municipal
L55	Plymouth Reservoir	Public Bathing Recreation	Silt/Sediment Algal/Weed Growth- aquatic vegetation Nutrients-phosphorus Pathogens	Streambank Erosion Failing On-Site System
L56	Rio Reservoir	Fish Consumption	Metals-mercury	Atmospheric Deposition
L57	Rondout Reservoir	Fish Consumption Water Supply	Metals-mercury Nutrients Silt/Sediment	Atmospheric Deposition Streambank Erosion
L58	Saint Josephs Lake	Recreation	Algal/Weed Growth Nutrients-phosphorus	Failing On-Site System
L59	Schoharie Reservoir	Water Supply Fish Consumption	Metals-mercury Silt/Sediment	Streambank Erosion Atmospheric Deposition Agriculture
L60	Silver Lake	Public Bathing Recreation Aesthetics Aquatic Life	Nutrients Silt/Sediment Dissolved Oxygen Pathogens Algal/Weed Growth	Failing On-Site System Agriculture
L61	Skaneateles Lake	Water Supply	Other Pollutant	Other Source
L62	Somerset Lake	Recreation	Algal/Weed Growth Nutrients	Unknown Source Failing On-Site System
L63	Song Lake	Public Bathing Recreation	Algal/Weed Growth- aquatic vegetation Nutrients Silt/Sediment	Agriculture Failing On-Site System Streambank Erosion
L64	Summit Lake (Otsego Co.)	Public Bathing Recreation	Nutrients Algal/Weed Growth- vegetation	Failing On-Site System
L65	Summit Lake (Schoharie Co.)	Public Bathing Recreation Aesthetics	Nutrients-phosphorus Algal/Weed Growth	Failing On-Site System
L66	Swan Lake	Aquatic Life Recreation	Dissolved Oxygen Nutrients-phosphorus	Municipal-Loomis WWTP Urban Runoff
L67	Swinging Bridge Reservoir	Recreation Fish Consumption	Nutrients-phosphorus Metals-mercury	Agriculture Municipal Atmospheric Deposition
L68	The Pond	Habitat/Hydrology	Problem Species Algal/Weed Growth	Habitat Modification
L69	Tully Lake	Aquatic Life Public Bathing Recreation	Algal/Weed Growth- aquatic vegetation Dissolved Oxygen Nutrients Silt/Sediment	Agriculture Municipal-Tully WWTP Failing On-Site System Streambank Erosion
L70	Upper Blenheim- Gilboa Reservoir	Recreation	Algal/Weed Growth Silt/Sediment Nutrients	Streambank Erosion
L71	Warn Lake	Recreation Aesthetics	Algal/Weed Growth- excessive weeds Nutrients	Agriculture Failing On-Site System
L72	White Birch Lake	Public Bathing	Nutrients-phosphorus	Failing On-Site System

		Recreation	Algal/Weed Growth- algal blooms	
L73	White/Amber Lakes	Aquatic Life Recreation	Dissolved Oxygen Problem Species- Eurasian milfoil	Unknown Source Urban Runoff
L74	Whitney Point Lake/Reservoir	Recreation Aquatic Life Habitat/Hydrology Aesthetics	Algal/Weed Growth- vegetation Nutrients-phosphorus Water Level/Flow Silt/Sediment	Agriculture Hydro Modification Failing On-Site System
L75	Wolf Reservoir	Aquatic Life	Acid/Base (pH)	Atmospheric Deposition
L76	Woodman Pond	Recreation	Algal/Weed Growth- aquatic vegetation Pathogens Nutrients	Other Source-waterfowl Agriculture
S1	Apalachin Creek & tributaries	Aesthetics Recreation	Silt/Sediment	Hydro Modification Streambank Erosion Construction-residential development
S2	Basher Kill, Upper & minor tributaries	Recreation Aquatic Life	Pathogens Nutrients	Agriculture
S3	Beaver Kill, Lower & tributaries	Aquatic Life	Silt/Sediment Thermal Changes Nutrients-phosphorus	Roadbank Erosion-Route 17 Streambank Erosion
S4	Beaver Kill, Middle & tributaries	Aquatic Life	Silt/Sediment Thermal Changes Nutrients	Roadbank Erosion-Route 17 Streambank Erosion
S5	Big Brook/Bennettsville Creek & tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Agriculture-cattle grazing
S6	Bloody Brook & tributaries	Public Bathing Fish Consumption Aquatic Life Recreation Aesthetics	Pathogens Aesthetics-floatables Dissolved Oxygen Metals Priority Organics	Storm Sewers Industrial-Lockheed Martin Landfill/Land Discharge-Lockheed Martin Urban Runoff
S7	Bozen Kill & minor tributaries	Aquatic Life	Nutrients-phosphorus Dissolved Oxygen Ammonia	Municipal-Alatmont WWTP
S8	Brakel Creek & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients Thermal Changes	Agriculture Construction Failing On-Site System Hydro Modification Streambank Erosion Roadbank Erosion
S9	Brimstone Creek & tributaries	Aquatic Life Recreation	Pathogens Nutrients Aesthetics-WWTP discharge	Municipal-Sharon Springs WWTP
S10	Butternut Creek, Lower & minor tributaries	Aquatic Life	Nutrients Pathogens Dissolved Oxygen	Agriculture Urban Runoff
S11	Callicoon Creek & minor tributaries	Recreation	Pathogens Nutrients Silt/Sediment	Agriculture Failing On-Site System Streambank Erosion
S12	Canasawacta Creek, Lower & minor tributaries	Aesthetics Habitat/Hydrology	Silt/Sediment	Hydro Modification
S13	Canaseraga Creek, Upper & tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture Urban Runoff
S14	Canaseraga/Cowaselon Creek, Lower & tributaries	Aquatic Life	Nutrients Silt/Sediment Pesticides	Agriculture Habitat Modification Hydro Modification
S15	Canastota Creek, Lower & tributaries	Aquatic Life Recreation Aesthetics	Aesthetics Dissolved Oxygen Nutrients Pathogens	Combined Sewer Overflow Agriculture
S16	Carpenters Brook & tributaries	Aquatic Life	Nutrients	Agriculture

S17	Carrs Creek, Lower & tributaries	Recreation Aesthetics	Pathogens Aesthetics	Failing On-Site System
S18	Cascadilla Creek & tributaries	Aquatic Life	Silt/Sediment Nutrients-phosphorus	Streambank Erosion Agriculture Urban Runoff
S19	Castle Creek, Lower & minor tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Roadbank Erosion
S20	Cayuga Inlet, Lower & minor tributaries	Aquatic Life	Silt/Sediment Nutrients	Agriculture Streambank Erosion Urban Runoff
S21	Cayuga Inlet, Upper & minor tributaries	Aquatic Life	Nutrients-phosphorus Silt/Sediment	Urban Runoff Agriculture Streambank Erosion Habitat Modification-channelization
S22	Cayuta Creek, Lower & tributaries	Aquatic Life Habitat/Hydrology Aesthetics	Silt/Sediment Aesthetics-flood debris Nutrients	Streambank Erosion Agriculture Resource Extraction
S23	Chenango River, Lower, Main Stem	Fish Consumption Aquatic Life Recreation Aesthetics	Metals Silt/Sediment Water Level/Flow Nutrients Pesticides Thermal Changes Salts	Atmospheric Deposition Combined Sewer Overflow Hydro Modification Resource Extraction-gravel mining Agriculture Urban Runoff Construction Municipal Failing On-Site System
S24	Chenango River, Middle, Main Stem	Fish Consumption Recreation Public Bathing Aquatic Life Aesthetics	Metals-mercury Nutrients Silt/Sediment Aesthetics Dissolved Oxygen Pathogens Toxic/Contaminated Sediment	Atmospheric Deposition Agriculture Streambank Erosion Municipal Failing On-Site System Urban Runoff
S25	Chenango River, Upper & minor tributaries	Fish Consumption Aquatic Life Recreation	Metals-mercury Nutrients Silt/Sediment Pathogens	Atmospheric Deposition Agriculture Private/Commercial/Institutional-SUNY Morrisville
S26	Chenango Creek & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients Water Level/Flow	Agriculture Streambank Erosion
S27	Cherry Valley Creek, Lower & tributaries	Recreation Aesthetics Aquatic Life	Nutrients Pathogens	Failing On-Site System
S28	Chestnut Creek & tributaries	N/A	N/A	N/A
S29	Chittenango Creek, Lower & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Silt/Sediment	Agriculture Municipal Urban Runoff Streambank Erosion
S30	Choconut Creek & tributaries	Aesthetics Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients Pesticides Thermal Changes	Urban Runoff Storm Sewers Construction-residential development Streambank Erosion Roadbank Erosion
S31	Cobleskill Creek, Lower & tributaries	Recreation Aesthetics Habitat/Hydrology	Pathogens Nutrients Algal/Weed Growth	Failing On-Site System-Central Bridge Agriculture Streambank Erosion Habitat Modification Hydro Modification
S32	Cold Brook & tributaries	Aesthetics Habitat/Hydrology	Silt/Sediment Nutrients Thermal Changes	Agriculture Failing On-Site System
S33	Cold Spring/North Brook & minor tributaries	Aquatic Life Recreation	Nutrients-phosphorus Dissolved Oxygen	Agriculture
S34	Coulter Brook, Upper & tributaries	Water Supply	Nutrients Silt/Sediment	Agriculture

S35	Cowaselon Creek, Middle & minor tributaries	Habitat/Hydrology Aquatic Life Recreation	Silt/Sediment Thermal Changes Nutrients	Habitat Modification Hydro Modification Agriculture Municipal
S36	Crane Brook & tributaries	Aesthetics Aquatic Life Recreation	Nutrients-phosphorus Silt/Sediment Salts	Urban Runoff Agriculture Other Source-salt spring
S37	Cripple Creek & tributaries	Aquatic Life	Nutrients Silt/Sediment Dissolved Oxygen Salts	Agriculture Streambank Erosion
S38	Dead Creek & tributaries	Aquatic Life Recreation	Nutrients	Agriculture
S39	Delaware River, Lower, Main Stem	Recreation	Nutrients-phosphorus Other pollutants-various	Agriculture Other Source Hydro Modification Failing On-Site System
S40	Delaware River, Middle Main Stem	Recreation	Nutrients-phosphorus Other Source-various Pathogens	Agriculture Other Source
S41	Delaware River, Upper, Main Stem	Aquatic Life Habitat/Hydrology Recreation	Water Level/Flow Thermal Changes Nutrients-phosphorus Other Source-various Pathogens	Hydro Modification Agriculture Other Source Failing On-Site System
S42	Dry Creek & tributaries	Aquatic Life Recreation	Nutrients Silt/Sediment Water Level/Flow Oil & Grease Salts	Urban Runoff Agriculture Failing On-Site System Storm Sewers Streambank Erosion
S43	Dudley Creek & tributaries	Habitat/Hydrology	Silt/Sediment Nutrients Thermal Changes	Habitat Modification-stream bulldozing Agriculture-cattle grazing Streambank Erosion
S44	Dutch Hollow Brook & tributaries	Habitat/Hydrology	Silt/Sediment Thermal Changes	Hydro Modification Agriculture Streambank Erosion Habitat Modification
S45	East Branch Delaware, Lower, Main Stem	Aquatic Life Habitat/Hydrology	Water Level/Flow Thermal Changes Acid/Base (pH)	Hydro Modification Atmospheric Deposition
S46	East Branch Limestone Creek & tributaries	Habitat/Hydrology	Silt/Sediment	Habitat Modification Streambank Erosion
S47	East Branch Owego Creek, Upper & tributaries	Aquatic Life Habitat/Hydrology Aesthetics	Silt/Sediment Aesthetics Nutrients	Streambank Erosion Agriculture Failing On-Site System
S48	East Branch Tioughnioga, Low & tributaries	Aquatic Life	Nutrients Oil & Grease Silt/Sediment	Agriculture Streambank Erosion Industrial-Suit-Kote
S49	Ellis Creek & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Water Level/Flow Nutrients	Streambank Erosion Roadbank Erosion Agriculture
S50	Enfield Creek, Lower & tributaries	Public Bathing Recreation	Pathogens	Unknown Source
S51	Fabius Brook & tributaries	Aquatic Life Habitat/Hydrology	Thermal Changes Nutrients Silt/Sediment	Agriculture Hydro Modification
S52	Factory Brook & tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture Streambank Erosion
S53	Flat Creek & tributaries	Aquatic Life Recreation	Nutrients Dissolved Oxygen Aesthetics	Agriculture
S54	Geddes Brook & tributaries	Aquatic Life Aesthetics Fish Consumption Recreation	Ammonia Metals-mercury Aesthetics-floatables Pathogens Nutrients Priority Organics-PCBs, dioxin	Industrial Toxic/Contaminated Sediment Storm Sewers Urban Runoff Landfill/Land Discharge

S55	Handsome Brook & minor tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture
S56	Harbor Brook, Lower & tributaries	Aquatic Life Public Bathing Fish Consumption Recreation Aesthetics	Aesthetics-floatables Dissolved Oxygen Nutrients-phosphorus Pathogens Priority Organics-PCBs, other Ammonia	Combined Sewer Overflow Industrial Storm Sewers Urban Runoff Landfill/Land Discharge-Waste Bed
S57	Hayden Creek & tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture Streambank Erosion
S58	Hunt Creek & tributaries	Aesthetics Aquatic Life	Nutrients Silt/Sediment Dissolved Oxygen Thermal Changes Aesthetics	Agriculture Streambank Erosion
S59	Hunts Creek & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients Thermal Changes	Streambank Erosion
S60	Jaketown Creek & tributaries	Aquatic Life Recreation	Silt/Sediment Nutrients-phosphorus	Agriculture
S61	Kelsey Brook, Lower & minor tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients	Agriculture Streambank Erosion
S62	Ley Creek & tributaries	Public Bathing Aquatic Life Recreation Fish Consumption Aesthetics	Other Inorganics Ammonia Aesthetics-phosphorus Priority Organics Dissolved Oxygen Nutrients-phosphorus Unknown Toxicity Pathogens	Combined Sewer Overflow Landfill/Land Discharge-Salina Landfill, other Urban Runoff Industrial
S63	Limestone Creek, Lower & minor tributaries	Aquatic Life Habitat/Hydrology Recreation	Silt/Sediment Nutrients Dissolved Oxygen Pathogens Aesthetics-odors	Agriculture Streambank Erosion Municipal
S64	Line Creek & tributaries	Aquatic Life	Nutrients Pathogens Silt/Sediment	Agriculture Failing On-Site System Streambank Erosion
S65	Little Choconut Creek & tributaries	Aesthetics Aquatic Life Habitat/Hydrology	Silt/Sediment Water Level/Flow Thermal Changes	Hydro Modification Streambank Erosion Construction-residential development Power Generation-NYSE&G
S66	Little Schoharie Creek, Lower & tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion
S67	Basher Kill, Upper & minor tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion
S68	Merrill Creek & tributaries	Aquatic Life	Silt/Sediment Nutrients Thermal Changes	Agriculture Streambank Erosion Hydro Modification
S69	Minor Tributaries to Lower Susquehanna (south)	Aquatic Life Habitat/Hydrology	Silt/Sediment Water Level/Flow Nutrients	Streambank Erosion Roadbank Erosion Agriculture
S70	Minor Tributaries to Onondaga Lake	Fish Consumption Aquatic Life Recreation Aesthetics	Pathogens Nutrients-phosphorus Ammonia Metals Priority Organics-PCBs, other Other Inorganics-cyanide Aesthetics-floatables Dissolved Oxygen	Combined Sewer Overflow Storm Sewers Urban Runoff Landfill/Land Discharge-multiple Industrial
S71	Minor Tributaries to Owasco Lake	Aquatic Life Habitat/Hydrology Recreation	Silt/Sediment Nutrients	Streambank Erosion Agriculture Urban Runoff Construction Roadbank Erosion

S72	Minor Tributaries to Schoharie Reservoir	Aquatic Life Recreation	Nutrients-phosphorus Pathogens	Agriculture
S73	Minor Tributaries to Susquehanna River	Aquatic Life	Silt/Sediment Salts	Construction-residential, commercial development Urban Runoff Failing On-Site System Streambank Erosion Roadbank Erosion
S74	Minor Tributaries to Weaver Lake	Aquatic Life Recreation	Nutrients-phosphorus Dissolved Oxygen Algal/Weed Growth- algal blooms	Agriculture
S75	Mongaup River, Lower & minor tributaries	Aquatic Life Recreation	Water Level/Flow Thermal Changes	Hydro Modification Power Generation
S76	Mongaup River, Middle & minor tributaries	Aquatic Life Habitat/Hydrology	Water Level/Flow Dissolved Oxygen Thermal Changes	Hydro Modification Power Generation
S77	Mongaup River, Upper & tributaries	Aquatic Life	Acid/Base (pH)	Atmospheric Deposition
S78	Mud Creek & tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Roadbank Erosion
S79	Nanticoke Creek, Lower & tributaries	Aesthetics Aquatic Life	Nutrients Silt/Sediment	Agriculture Construction-residential development Urban Runoff Industrial
S80	Nanticoke Creek, Middle & tributaries	Aquatic Life Aesthetics	Silt/Sediment Nutrients Thermal Changes Water Level/Flow	Streambank Erosion Agriculture Construction-residential development Urban Runoff
S81	Neversink River, Middle, Main Stem	Aquatic Life Recreation	Thermal Changes Water Level/Flow Silt/Sediment	Hydro Modification Resource Extraction-sand/gravel mining Construction
S82	Ninemile Creek, Lower & tributaries (Cayuga Co.)	Aquatic Life Recreation Aesthetics	Dissolved Oxygen Nutrients-phosphorus Pathogens Aesthetics	Failing On-Site System-Hannibal Storm Sewers
S83	Ninemile Creek, Lower & tributaries (Onondaga Co.)	Aquatic Life Aesthetics Fish Consumption Recreation	Nutrients-phosphorus Aesthetics-floatables Pathogens Metals-mercury Priority Organics-PCBs, dioxin Ammonia	Industrial Storm Sewers Urban Runoff Landfill/Land Discharge Toxic/Contaminated Sediment
S84	Oaks Creek & minor tributaries	Aquatic Life	Nutrients Silt/Sediment Pesticides	Agriculture
S85	Ocuqionis Creek & tributaries	Aquatic Life Recreation	Nutrients	Agriculture
S86	Oneida Creek, Lower & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Silt/Sediment Unknown Toxicity Pathogens	Agriculture Streambank Erosion Urban Runoff Municipal Storm Sewers Failing On-Site System
S87	Oneida Creek, Upper & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Silt/Sediment	Agriculture Urban Runoff Streambank Erosion
S88	Onondaga Creek, Lower & tributaries	Aquatic Life Recreation Fish Consumption Aesthetics	Aesthetics-floatables Nutrients-phosphorus Pathogens Metals-mercury Priority Organics Silt/Sediment Ammonia Unknown Toxicity	Combined Sewer Overflow Landfill/Land Discharge Urban Runoff Industrial Streambank Erosion Storm Sewers

S89	Onondaga Creek, Middle & tributaries	Public Bathing Aquatic Life Recreation Fish Consumption Aesthetics	Aesthetics-floatables Nutrients-phosphorus Pathogens Silt/Sediment Salts Ammonia Unknown Toxicity	Combined Sewer Overflow Landfill/Land Discharge Other Source-Tully mudboils Streambank Erosion Urban Runoff Agriculture Hydro Modification Storm Sewers
S90	Onondaga Creek, Upper & minor tributaries	Aquatic Life Recreation Habitat/Hydrology	Silt/Sediment	Other Source-Tully mudboils Streambank Erosion Agriculture Hydro Modification
S91	Onondaga Lake Outlet	Public Bathing Fish Consumption Aquatic Life Recreation	Nutrients-phosphorus Ammonia Unknown Toxicity Metals-mercury Priority Organics-PCBs, dioxin Dissolved Oxygen	Industrial Municipal Other Source-Onondaga Lake outflow Landfill/Land Discharge
S92	Oriskany Creek, Middle & minor tributaries	Habitat/Hydrology	Nutrients Silt/Sediment Thermal Changes	Agriculture Construction Habitat Modification
S93	Osborne Creek & minor tributaries	Aquatic Life Habitat/Hydrology Aesthetics	Silt/Sediment Nutrients	Streambank Erosion Agriculture Construction Urban Runoff
S94	Otego Creek, Lower & minor tributaries	Aquatic Life	Nutrients Pathogens	Agriculture
S95	Otselic River, Middle, Main Stem	Aquatic Life Aesthetics	Thermal Changes Silt/Sediment Pathogens Nutrients Ammonia Dissolved Oxygen	Agriculture Failing On-Site System Streambank Erosion
S96	Otselic River, Upper & minor tributaries	Aquatic Life	Thermal Changes Silt/Sediment Nutrients	Agriculture Hydro Modification Streambank Erosion
S97	Otsquago Creek, Upper & tributaries	Aquatic Life	Algal/Weed Growth- algal growth Nutrients Pathogens	Private/Commercial/Institutional Agriculture
S98	Owasco Inlet, Lower & minor tributaries	Aquatic Life	Silt/Sediment Nutrients-phosphorus	Agriculture Streambank Erosion Municipal-Groton WWTP
S99	Owasco Inlet, Upper & tributaries	Aquatic Life Recreation	Nutrients-phosphorus	Municipal-Groton WWTP Agriculture
S100	Owasco Outlet, Lower & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Dissolved Oxygen Water Level/Flow	Agriculture Hydro Modification Municipal-Port Byron WWTP Urban Runoff
S101	Owasco Outlet, Upper & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Dissolved Oxygen Water Level/Flow	Agriculture Municipal-Auburn WWTP Urban Runoff Combined Sewer Overflow-Auburn
S102	Owego Creek & minor tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients	Streambank Erosion Agriculture
S103	Page Brook, Lower & tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Roadbank Erosion
S104	Park Creek & tributaries	Recreation Habitat/Hydrology Aquatic Life Aesthetics	Restricted Passage Aesthetics-odors, floatable Pathogens Dissolved Oxygen Nutrients Silt/Sediment	Habitat Modification Failing On-Site System Roadbank Erosion

S105	Payne Brook & tributaries	Aquatic Life Recreation Aesthetics	Nutrients Dissolved Oxygen Water Level/Flow Pathogens Aesthetics	Municipal-Hamilton WWTP
S106	Pipe Creek, Lower & tributaries	Aquatic Life Aesthetics Habitat/Hydrology	Silt/Sediment Nutrients	Streambank Erosion Roadbank Erosion Agriculture Habitat Modification
S107	Platter Kill & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Thermal Changes Water Level/Flow	Streambank Erosion Hydro Modification
S108	Pleasant Brook & minor tributaries (Chenango Co.)	Habitat/Hydrology	Silt/Sediment	Habitat Modification-stream bulldozing
S109	Pleasant Brook & tributaries (Madison Co.)	Aquatic Life	Nutrients Silt/Sediment	Agriculture
S110	Red Creek & tributaries	Aquatic Life Recreation Aesthetics	Aesthetics Pathogens Dissolved Oxygen Nutrients	Failing On-Site System Storm Sewers
S111	Rondout Creek, Upper & minor tributaries	N/A	N/A	N/A
S112	Salmon Creek, Lower & tributaries	Aquatic Life	Nutrients-phosphorus Silt/Sediment	Agriculture
S113	Salmon Creek, Upper (Big) & tributaries	Aquatic Life	Nutrients-phosphorus Silt/Sediment	Agriculture
S114	Schoharie Creek, Lower, Main Stem (Portion 1)	Habitat/Hydrology	Water Level/Flow Silt/Sediment Thermal Changes	Hydro Modification Streambank Erosion Agriculture
S115	Schoharie Creek, Lower, Main Stem (Portion 2)	Habitat/Hydrology	Water Level/Flow Silt/Sediment Thermal Changes	Hydro Modification Streambank Erosion Agriculture
S116	Schoharie Creek, Lower, Main Stem (Portion 3)	Habitat/Hydrology	Water Level/Flow	Hydro Modification
S117	Schoharie Creek, Middle, Main Stem	Habitat/Hydrology Aquatic Life	Silt/Sediment Water Level/Flow Thermal Changes	Hydro Modification Streambank Erosion Agriculture
S118	Seneca River, Lower, Main Stem (Portion 1)	Public Bathing Aquatic Life	Dissolved Oxygen Nutrients Ammonia Pathogens Priority Organics-phenol	Habitat Modification-zebra mussels Hydro Modification Agriculture Other Source-Onondaga Lake inflow Municipal Urban Runoff
S119	Seneca River, Lower, Main Stem (Portion 2)	Aquatic Life Recreation	Dissolved Oxygen Nutrients Ammonia Priority Organics-phenol Pathogen Silt/Sediment	Habitat Modification-zebra mussels Hydro Modification Agriculture Other Source-Onondaga Lake inflow Municipal Urban Runoff
S120	Shadow Brook & tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture Streambank Erosion
S121	Sixmile Creek, Upper & tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Agriculture Hydro Modification Urban Runoff
S122	Skaneateles Creek & tributaries	Fish Consumption Aquatic Life	Priority Organics-PCBs Nutrients	Agriculture Landfill/Land Discharge-Stauffer Management Urban Runoff Industrial
S123	Sterling Creek, Lower & minor tributaries	Aquatic Life Recreation	Nutrients Silt/Sediment Dissolved Oxygen	Agriculture
S124	Sterling Creek, Middle & tributaries	Aquatic Life Recreation	Nutrients-phosphorus Silt/Sediment Dissolved Oxygen	Agriculture

S125	Susquehanna River, Lower, Main Stem (Portion 1)	Fish Consumption Aquatic Life Aesthetics	Metals-mercury Nutrients Silt/Sediment	Atmospheric Deposition Agriculture Streambank Erosion
S126	Susquehanna River, Lower, Main Stem (Portion 2)	Fish Consumption Aquatic Life Aesthetics	Metals-mercury Nutrients Silt/Sediment Dissolved Oxygen	Atmospheric Deposition Agriculture Construction-residential development Municipal-Oswego SD#1 WWTP Streambank Erosion Industrial-Hadco Corporation
S127	Susquehanna River, Lower, Main Stem (Portion 3)	Fish Consumption Aquatic Life	Metals-mercury Silt/Sediment Nutrients Dissolved Oxygen	Atmospheric Deposition Construction-residential development Agriculture Hydro Modification Streambank Erosion Municipal-upstream WWTPs
S128	Susquehanna River, Lower, Main Stem (Portion 4)	Public Bathing Fish Consumption Aquatic Life Recreation Aesthetics	Metals-mercury Pathogens Aesthetics-floatables Dissolved Oxygen Ammonia Nutrients Priority Organics-VOCs	Combine Sewer Overflow-Binghamton-Johnson City Municipal-Binghamton-JC, Endicott WWTP Atmospheric Deposition Landfill/Land Discharge Urban Runoff Toxic/Contaminate Sediment
S129	Susquehanna River, Main Stem (Portion 5)	Fish Consumption Water Supply	Metals-mercury Nutrients Pathogens Silt/Sediment	Atmospheric Deposition Agriculture Streambank Erosion
S130	Susquehanna River, Main Stem (Portion 6)	Fish Consumption Aquatic Life	Metals-mercury Nutrients Silt/Sediment	Atmospheric Deposition Agriculture
S131	Susquehanna River, Main Stem (Portion 7)	Fish Consumption Aquatic Life Recreation	Metals-mercury Pesticides Silt/Sediment Unknown Toxicity Pathogens Nutrients	Atmospheric Deposition Agriculture Streambank Erosion Unknown Source Failing On-Site System
S132	Susquehanna River, Upper, Main Stem	Fish Consumption Aquatic Life	Metals-mercury Silt/Sediment Unknown Toxicity	Atmospheric Deposition Agriculture Streambank Erosion Unknown Source
S133	Taughannock Creek, Lower & tributaries	Aquatic Life	Nutrients	Agriculture
S134	Tioughnioga River, Lower, Main Stem	Recreation Habitat/Hydrology Aesthetics	Silt/Sediment	Streambank Erosion
S135	Tioughnioga River, Middle & minor tributaries	Habitat/Hydrology	Silt/Sediment	Streambank Erosion Agriculture Hydro Modification Resource Extraction-gravel mining
S136	Tioughnioga River, Upper & minor tributaries	Aquatic Life Recreation	Nutrients Other Pollutant Priority Organics Chlorine Dissolved Oxygen Oil & Grease Aesthetics	Municipal-Cortland WWTP Unknown Source Toxic/Contaminated Sediment Storm Sewers
S137	Trout Brook, Lower & tributaries	Aquatic Life	Nutrients Silt/Sediment Water Level/Flow	Agriculture Streambank Erosion
S138	Trout Brook, Upper & tributaries	Aquatic Life	Silt/Sediment Nutrients	Streambank Erosion Hydro Modification Agriculture
S139	Trout Creek, Lower & minor tributaries	Fish Consumption	Priority Organics	Toxic/Contaminates Sediment Landfill/Land Discharge
S140	Trout Creek, Upper & tributaries	Fish Consumption	Priority Organics-PCBs	Toxic/Contaminates Sediment Landfill/Land Discharge-Richardson Hill, Sidney Center

S141	Unadilla River, Lower, Main Stem	Fish Consumption Recreation Public Bathing Aesthetics	Metals-mercury Aesthetics-odors, floatables Nutrients Pathogens Pesticides Silt/Sediment Dissolved Oxygen	Failing On-Site System Agriculture Streambank Erosion Atmospheric Deposition
S142	Unadilla River, Middle & minor tributaries	Habitat/Hydrology Aquatic Life Recreation	Silt/Sediment Thermal Changes Pathogens	Agriculture Streambank Erosion Failing On-Site System
S143	Upper Neversink River & minor tributaries	Aquatic Life	Acid/Base (pH)	Atmospheric Deposition
S144	Virgil Creek & tributaries	Aquatic Life	Nutrients-phosphorus Silt/Sediment	Agriculture Habitat Modification-stream realignment
S145	West Br. Tioughnioga Creek & minor tributaries	Aquatic Life	Nutrients Silt/Sediment	Agriculture
S146	West Branch Delaware, Lower, Main Stem (Portion 1)	Aquatic Life Habitat/Hydrology	Water Level/Flow Thermal Changes Acid/Base (pH) Silt/Sediment	Hydro Modification Atmospheric Deposition
S147	West Branch Delaware, Lower, Main Stem (Portion 2)	Aquatic Life Habitat/Hydrology	Thermal Changes Water Level/Flow	Hydro Modification
S148	West Branch Delaware, Upper, Main Stem (Portion 4)	Recreation Aesthetics Aquatic Life	Nutrients Pathogens	Agriculture Municipal Failing On-Site System Streambank Erosion Urban Runoff
S149	West Branch Delaware, Upper, Main Stem (Portion 5)	Recreation Aesthetics Aquatic Life	Nutrients Acid/Base (pH) Pathogens	Agriculture Municipal Atmospheric Deposition Failing On-Site System Streambank Erosion Urban Runoff
S150	West Branch Onondaga Creek & tributaries	Aquatic Life	Nutrients	Agriculture
S151	West Branch Owego Creek, Upper & tributaries	Aquatic Life Habitat/Hydrology	Silt/Sediment Nutrients	Streambank Erosion Agriculture
S152	West Creek, Lower & tributaries	Aquatic Life	Pathogens Nutrients-phosphorus Silt/Sediment	Failing On-Site System Agriculture Streambank Erosion
S153	White Lake Brook & tributaries	Aquatic Life	Nutrients	Urban Runoff Failing On-Site System-Smallwood
S154	Willowemoc Creek, Lower & minor tributaries	Aquatic Life	Nutrients Silt/Sediment Thermal Changes	Municipal-Livingston Manor WWTP Roadbank Erosion-Route 17 Streambank Erosion
S155	Willowemoc Creek, Middle & tributaries	Aquatic Life	Silt/Sediment	Streambank Erosion
S156	Willowemoc Creek, Upper & tributaries	Aquatic Life	Silt/Sediment	Streambank Erosion
S157	Wylie Brook & tributaries	Aquatic Life	Nutrients Pesticides	Agriculture Failing On-Site System
S158	Yawgers Creek & tributaries	Habitat/Hydrology	Silt/Sediment	Agriculture Streambank Erosion

RESOURCE NEEDS AND OPPORTUNITIES

AREA PLAN DEVELOPMENT

The first step that the CNY RC&D Council took when developing the 2011 -2015 Area Plan was to look at accomplishments in meeting the goals and objectives in the 2006-2010 Area Plan and to continue to build on successful projects and look at needs that have yet to be addressed. The Council then looked at a variety of resource statements related to the four RC&D Program elements as well as their existing vision & mission statements, holistic goal and available natural resource base in the twelve member counties to begin addressing the resource needs and opportunities in the area. To gain a broader perspective on the resource needs of the communities, it was determined to gain input from local community members and partners, which was done through a survey. The resulting input, the council members' familiarity within the existing programs/contacts, and an evaluation of CNY RC&D's resources and values were all used to determine the Council's goals, objectives and strategies.

PUBLIC PARTICIPATION ACTIVITIES

The CNY RC&D Council began the planning for the 2011-2015 Area Plan in January 2010. It was decided to survey all of the Council's partners, elected officials, and interested parties in the twelve counties to determine their opinions on the level of importance of specific natural resource concerns. The survey was completed and distributed to over 500 individuals, agencies, groups and natural resource committees in 2010. As surveys were returned, the results were tabulated and presented back to the Council.

Fifty-four people returned surveys. Top priorities (listed in order of highest ranked) from survey participants were: preservation and protection of farmland and open space, promotion and implementation of renewable energy, options for on-farm energy alternatives, soil loss on agricultural land, forest land or along streams, ground water quality contamination, agricultural and environmental education, options for on-farm animal wastes and on-farm nutrient management, soil compaction and soil health, watershed stewardship and education, surface water quality and contamination, water quality stewardship and education. Projects that the Council has been or currently is involved with that survey participants wanted to see continued (in order of importance) include: local foods marketing assistance, grazing technical assistance and education, NE Grasstravaganza and similar conferences, holistic whole farm planning, venison donation program, pastured poultry promotion, agri-tourism, Headwaters Youth Conservation Corps and AmeriCorps, intern opportunities, community gardens, and agricultural carbon trading education. Several needs and opportunities emerged from the process.

FARM VIABILITY (COMMUNITY DEVELOPMENT):

The interest in local fresh foods has presented an excellent opportunity for farmers to direct market their products to the consumer. Given the right skills for direct marketing and opportunities to market locally, farmers can receive more money for their agricultural products thereby ensuring the viability of their farm. Profitable farms are one of the most effective ways to protect farm land.

GRAZING (LAND CONSERVATION):

The second largest land use/land cover in the Central NY RC&D area is pasture and grassland (19%). Plentiful rainfall and good soils provide the perfect environment to growing excellent forage. Grass fed livestock not only brings a higher premium at market, but it can be a significantly more affordable way to feed animals. In addition to the economic advantages, well managed pastures build organic matter and prevent soil erosion while increasing the effectiveness of the water cycle. A good grazer can support up to one animal unit per acre if managed grazing is employed. Unfortunately, many farmers lack the information and experience in implementing good grazing. While funding exists to do grazing plans and cost share on infrastructure such as fencing and watering systems, there is little funding for in-depth, one-on-one technical assistance for farmers for grazing in the Central NY RC&D area.

WATER QUALITY (WATER MANAGEMENT):

Urban and suburban storm water runoff, non point source pollution, and historic industrial pollution have led to impaired water bodies throughout the region. While several groups such as county water quality coordinating committees, soil and water conservation districts and watershed associations are working to address these issues, more resources are needed.

ALTERNATIVE ENERGY AND CONSERVATION (LAND MANAGEMENT):

With environmental issues affecting the region such as air pollution, climate change and acid rain combined with increasing fuel and utility costs, conservation and alternative energy sources are needed. The area is well suited for such sources such as biomass, wind, and solar.

FORESTRY (LAND MANAGEMENT)

Fifty-six percent of the CNY RC&D area is forested. While the area can grow excellent, high value hardwoods, the area's forests are vastly underutilized or under managed. In New York, 4 out of 5 timber harvests are exploitive. Landowners often either harvest no trees from their property or do not use consulting foresters for timber harvests. There exists high forest stewardship potential, as shown in the previous map. There is the need to educate landowners on the value of hiring consulting foresters and the availability of assistance programs such as USDA-NRCS Forestry Environmental Quality Incentives Program (EQIP).

The needs and opportunities for Central New York State that will be addressed by the Central NY RC&D Area Plan are covered by four elements.

- I. Land Management - Defined as energy conservation that includes the production of energy crops, the protection of agricultural land as appropriate from conversion to other uses, farmland protection, and the protection of fish and wildlife habitat.

Needs: Protection of farmland and fish & wildlife habitat, exploration of energy crops

Current Activities:

- addressing green house gas issue
- youth conservation activities
- educational conferences
- improving limited resource farmer program access

Opportunities:

- land trusts
- agricultural districts
- expand energy crop production
- wood processing industries
- education on mineral cycle, water cycle, capture of solar energy and biodiversity

- II. Water Management – Defined as the conservation, use and quality of water, including rural water supplies, mitigation of floods and high water tables, the repair and improvement of reservoirs, the improvement of agricultural water management and the improvement of water quality.

Needs: More education on the causes of flooding, flood plain management and the protection of streams & aquifers

Current activities:

- educating farmers and partner organizations on the water cycle
- assisting with identifying funding sources for water quality activities

Opportunities:

- expanded stream bank plantings (e.g. willow)
- work more closely with local agencies to promote water quality programs and identify funding sources
- Wetland Reserve Program
- expand education about the water cycle and ground cover

III. Community Development - Defined as the development of resources-based industries, the protection of rural industries from natural resource hazards, the development of adequate rural water and waste disposal systems, the improvement of recreation facilities, the improvement of rural housing, the provision of adequate health and education facilities, the satisfaction of essential transportation and communication needs, and the promotion of food security, economic development and education.

Needs: Increase and/or improve: board and organization capacity; partner organization capacity; programming; funding for existing programs; decision-making abilities.

Improve or increase: local food security; needed agricultural support industries (e.g. local meat processors), farmers' markets, other local retail points of sale, access to small farm technologies & equipment

Increase access to: existing local economic development services; a level playing field for small and medium farms.

Current Activities:

- improving decision making education (Holistic Management, triple bottom line)
- internal capacity building
- partner capacity building
- natural resources programs
 - venison donation, ag carbon trading, farmer grants
- education programs
 - livestock auction market report, educational conferences, website, printed materials, books, professional development services, Earth Team, NY Federation of RC&D Councils, improved decision making training for organizations.

Opportunities

- improve farm & organization decision making
- learn from stakeholders
- educating local economic development services
- informing equipment dealers and service providers
- encourage value added, local processors, farmers' markets
- longer term project funding

IV. Land Conservation – Defined as the control of erosion and sedimentation.

Needs: Projects and programs to promote good land use

Current activities:

- promote grass-based farming practices—planned grazing
- assisting farms and service providers through planned grazing training
- providing outreach on land conservation and natural resource management topics

Opportunities:

- encourage expanded value-added uses of local harvests—milk, wood, grass (e.g. pellets for energy)
- improved management of existing forest land and recreation land use
- increase number of forest management plans
- expand education on water-cycle, mineral cycle, solar energy capture and biodiversity

Other Opportunities could include:

- assisting SWCDs with erosion control activities
- supporting community planning board subdivision laws
- promote buffers and alternatives to buffers

GOALS, OBJECTIVES, AND STRATEGIC ACTIONS

CNY RC&D created the following Goals, Objectives and Strategies considering existing, recently funded and planned projects and contracts, using input from a survey and discussions with partners, individuals and others. The Plan is divided into four key elements: Land Management, Water Management, Community Development and Land Conservation.

I. LAND MANAGEMENT

GOAL 1: Assist 600 farms in member counties in improving the management of their land resources by 2015.

Objective 1.1: Educate 720 farmers, conservationists, educators, local government officials and individuals in improving land management on 6,000 acres by 2015.

Strategies:

- 1.1.1 Sponsor or co-sponsor 5 conferences addressing issues related to land management such as idle land, grasslands, and forest land by 2015.
- 1.1.2 Respond to 100% of requests for land management information from 2011 - 2015.
- 1.1.3 Conduct holistic whole farm planning training to 270 farmers and land owners/users by 2012 through the beginning women farmers training project.
- 1.1.4 Provide holistic whole farm planning training to 3 organizations by 2013.

GOAL 2: Explore 2 alternative energy projects within the 12 county member region by 2015.

Objective 2.1: Work closely with 2 existing and new partners on identifying promising alternative energy projects by 2013.

Strategies:

- 2.1.1 Serve on the Cornell Small Farms Program Alternative Energy work team to identify and support 1 renewable energy project/program from 2011 – 2013.
- 2.1.2 Identify 1 new partner and 1 alternative energy initiative to assist by 2013.

II. WATER MANAGEMENT

GOAL 3: Assist 12 member counties to improve water quality in their communities by 2015.

Objective 3.1: Assist 12 county based agencies/organizations interested in pursuing water quality improvement projects by 2015.

Strategies:

- 3.1.1 Assist 12 county based agencies/organizations resulting in 4 submitting water quality improvement funding proposals by 2015.
- 3.1.2 Assist 6 partners with educational activities for water quality issues by 2015.

Objective 3.2: Provide assistance to 3 watershed based groups in developing and implementing comprehensive watershed management plans by 2015.

Strategies:

- 3.2.1 Assist a minimum of 3 partners with completing comprehensive watershed plans by 2015.
- 3.2.2 Assist a minimum of 2 partners in applying for funding to implement at least one project listed in their watershed plan by 2015.

Objective 3.3: Assist 6 county based agencies with stream bank protection & management projects by 2015.

Strategies:

- 3.3.1 Assist 6 county based agencies in creating and/or providing information on steam bank protection for landowners and others by 2015.
- 3.3.2 Assist partners in exploring 2 alternatives for buffers along steams to control erosion by 2015.

III. COMMUNITY DEVELOPMENT

GOAL 4: Increase local capacity building opportunities in each of our 12 member counties from 2011 - 2015

Objective 4.1: Improve Central NY RC&D governing capacity, as reflected in participation by all 12 member counties, by 2015.

Strategies:

- 4.1.1 Establish a new committee structure for the board by 2011.
- 4.1.2 Update CNY RC&D By-laws by 2011.
- 4.1.3 Work with Council of Community Services and National RC&D Association to provide board member training by 2012.
- 4.1.4 Actively recruit 5 potential board members from protected groups including women, limited resource individuals, minorities and others by 2015.
- 4.1.5 Actively recruit 5 potential board members representing broader interests including economic development, planning, CCE, farmers, colleges, etc.

Objective 4.2: Raise CNY RC&D profile with partners and others in each of the 12 member counties by 2015.

Strategies:

- 4.2.1 Increase contact with elected officials by 100%, inform and educate them on what CNY RC&D projects, programs and successes and challenges are during 2011 – 2015.
- 4.2.2 Update the CNY RC&D website by 2011.
- 4.2.3 Update the CNY RC&D history PowerPoint by 2012.
- 4.2.4 Present the CNY RC&D history PowerPoint to all 12 member counties by 2013.
- 4.2.5 Invite representatives from 4 partnering agencies to present at board meetings 4 times per year completing all counties by 2013.
- 4.2.6 Celebrate accomplishments at the CNY RC&D Annual Meeting a total of 5 times through 2015.
- 4.2.7 Complete and distribute 750 copies each of 5 Annual Reports by 2015.
- 4.2.8 Feature a minimum of 1 partner in each Annual Report totaling 5 by 2015.

Objective 4.3: Improve the experience and effectiveness of those serving on the CNY RC&D Board of Directors by 2015.

Strategies:

- 4.3.1 Rotate board meeting locations to increase participation by outlying counties 3 times per year to cover all 12 counties by 2014.
- 4.3.2 Prepare an updated orientation packet for new board members by 2012.
- 4.3.3 Conduct orientation for all new board members, including a personal contact, within 3 months of new board members joining board during 2012 - 2015.
- 4.3.4 Create 1-page overview of mission, vision, holistic goal and board responsibilities to be used in board member recruitment and orientation by 2012.

Objective 4.4: Maintain and strengthen CNY RC&D's administrative and financial stability by 2015.

Strategies:

- 4.4.1 Prepare a fund development plan by 2013.
- 4.4.2 Prepare 1 fundraising letter per year for a total of 5 by 2015.
- 4.4.3 Review Area Plan annually, in January, during 2011 – 2015.
- 4.4.4 Review Annual Work Plan quarterly during 2011 – 2015.
- 4.4.5 Review annual budget quarterly during 2011 – 2015.

Objective 4.5: Guarantee equal opportunity outreach and civil rights compliance by CNY RC&D within the 12 member county region through 2015.

Strategies:

- 4.5.1 Annually review civil rights compliance review guide at board meetings 5 times by 2015.
- 4.5.2 Provide assistance to all regardless of race, color, national origin, gender, religion, disability, political beliefs, sexual orientation and marital or family status through 2015.
- 4.5.3 Post up to date information on civil rights and equal employment opportunities on the CNY RC&D website through 2015.
- 4.5.4 Meet only at handicap accessible facilities for all meetings and functions hosted or sponsored by CNY RC&D through 2015.
- 4.5.5 Annually support events hosted by organizations that target protected populations for education and economic development from 2011 - 2015.
- 4.5.6 Utilize mailing lists and other media to ensure that all members of local communities are notified of program opportunities through 2015.

Objective 4.6: Improve the capacity building of 5 groups, organizations or agencies through improved decision making and increased resources by 2015.

Strategies:

- 4.6.1 Provide Holistic Management training to 5 non-profits, organizations, groups, and/or agencies by 2015.
- 4.6.2 Support and participate in the 5-county Food and Health Network of South Central New York (FaHN) during 2011 - 2015.
- 4.6.3 Submit signature projects annually to the FaHN of SCNY, totaling 5, from 2011-2015.
- 4.6.4 Participate with and support Agricultural Development agencies/organizations from 2011–2013.
- 4.6.5 Participate on the Cornell Small Farms Program Leadership Team from 2011-2013.
- 4.6.6 Provide grant and funding source information to 12 member counties from 2011 – 2015.

GOAL 5: Increase the profitability, ecological regeneration and improve quality of life on 150 farms by 2015.

Objective 5.1: Implement the “Utilizing Holistic Planned Grazing as a Regenerative Engine for Sustainable Agriculture” project, benefiting 72 farms, in collaboration with partners from 2011 – 2013

Strategies:

- 5.1.1 Conduct annual evaluations of 72 farms measuring financial (10% increase in profitability), ecological (increase ground cover, biological activity and improved soil & forage health by 25%) and social (improve quality of life through measurable, subjective criteria based on a farm/family goal) data collection from 2011 to 2013.

Objective 5.2: Implement 4 projects/programs that positively benefit 78 farms by 2015.

Strategies:

- 5.2.1 Carry out Ag Carbon Trading Education by maintaining the Ag Carbon Trading website until 2015.
- 5.2.2 Support CNY Bounty expansion into 3 neighboring counties by 2015 resulting in 30 farms increasing income by 10%.
- 5.2.3 Publish a weekly statewide auction marketing report in the Country Folks Farm Weekly for farmers use through 2015.
- 5.2.4 Support the establishment of 1 regional slaughterhouse for processing local livestock by 2012.
- 5.2.5 Assist partners in promoting 3 local forestry products by 2015.

GOAL 6: Affect and improve the overall quality of life, determined through surveys of programming impacts, for 22,500 residents of the 12-county region by 2015.

Objective 6.1: Carry out youth education and training for 550 young people through natural resource projects, which provide stewardship, job skill training and/or educational opportunities by 2015.

Strategies:

- 6.1.1 Provide opportunities for 5 AmeriCorps / Rural health Service Corps members by 2015.
- 6.1.2 Provide 3 student intern opportunities to assist with outreach, conservation planning and application by 2015.
- 6.1.3 Support the Regional Envirothon benefiting a minimum of 100 young people annually from 2011 – 2015.
- 6.1.4 Support partners interested in creating a conservation corps type program serving 40 youth by 2015.

Objective 6.2: Assist 21,195 low income residents throughout the 12 member county region from 2011-2013.

Strategies:

- 6.2.1 Increase access to local fresh food through CNY Bounty for 75 low income residents by 2015.
- 6.2.2 Expand the Central NY Venison Donation Program by 10% providing improved nutrition for 21,120 people by 2015.
- 6.2.3 Increase local fundraising for the Venison Donation Program by 10% by 2015.
- 6.2.4 Identify 2 partners and identify funding sources for a jobs training initiative that will benefit residents in Central NY by 2013.

Objective 6.3: Assist partners in providing logger safety training and information to 630 farmers and land owners by 2015.

Strategies:

- 6.3.1 Conduct 3 logger injury prevention classes in collaboration with New York State Fatality Assessment and Control Evaluation, Bureau of Occupational Health, NYS Department of Health for 30 farmers by 2015.
- 6.3.2 Disseminate 500 copies of the "Logging Safety: A Field Guide" for the New York State Fatality Assessment and Control Evaluation, Bureau of Occupational Health NYS Department of by 2015.
- 6.3.3 Make the "Logger Safety: A Field Guide" available on the CNY RC&D website by 2012.

Objective 6.4: Disseminate information on 5 relevant topics in conservation and economic development in all 12 member counties by 2015.

Strategies:

- 6.4.1 Conduct and/or partner on 10 conferences, workshops or field days in collaboration with partners by 2015.
- 6.4.2 Provide up to date information for 100% of requests on relevant topics from 2011 - 2015.

Objective 6.5: Assist partners with offering at least 5 new options for local food access in our 12 member counties.

Strategies:

- 6.5.1 Assist Chenango CCE community garden program with establishing 5 new community gardens in Chenango County by 2015.
- 6.5.2 Assist 12 member counties partners in exploring 1 or more local food delivery opportunity through CNY Bounty, community gardens or other program by 2015.

IV. LAND CONSERVATION

GOAL 7: Increase ground cover by 15% on 72 Northeast farms representing 14,400 acres by 2013.

Objective 7.1: Train 30 conservationists and educators (5 in Central NY) in comprehensive grazing planning to work with 120 farms (15 in Central NY) representing 24,000 acres (3,000 in Central NY) through the “Utilizing Holistic Planned Grazing as a Regenerative Engine for Sustainable Agriculture” project by 2013.

Strategies:

- 7.1.1 Participants in the Holistic Planned Grazing project will assist farmers in completing and implementing 72 grazing plans (12 in Central NY) representing 14,400 acres (2,400 acres in Central NY) by 2013.
- 7.1.2 Assist farmers in completing and implementing 3 comprehensive grazing plans representing 600 acres by 2013.

Objective 7.2: Provide land ecology training to 100 individuals from throughout the 12 county region by 2013.

Strategies:

- 7.2.1 Conduct 2 “Reading the Land” training sessions for 50 SWCDs, NRCS, CCE, NGOs, and others by 2013
- 7.2.2 Conduct 2 “Reading the Land” training sessions for 50 farmers, including Amish communities, by 2013.

GOAL 8: Support outreach efforts in 12 member counties to educate the public and partners about land conservation and natural resource management activities in Central NY during 2011 - 2015.

Objective 8.1: Extend outreach in 3 ways to partners, organizations, non-profits, federal, state, county and town officials/employees, and individuals 2011 - 2015.

Strategies:

- 8.1.1 Distribute 200 copies of the CNY RC&D Annual Report annually 2011 – 2015.
- 8.1.2 Update quarterly and direct traffic to the new CNY RC&D website from 2011-2015.
- 8.1.3 Maintain and carry out monthly updates on the CNY RC&D website 2012 – 2015.
- 8.1.4 Maintain and carry out semi-annual updates of the CNY RC&D display 2011 – 2015.
- 8.1.5 Assist partners in information distribution and outreach efforts in all 12 counties during 2011 – 2015.
- 8.1.6 Assist with outreach on USDA programs in 12 member counties during 2012 – 2015.

CURRENT AND POTENTIAL PARTNERSHIPS WITH USDA AND OTHERS

In addition to the USDA Natural Resources Conservation Service and the member County Legislatures and Soil & Water Conservation Districts of Broome, Cayuga, Chenango, Cortland, Delaware, Madison, Otsego, Onondaga, Schohaire, Sullivan, Tioga, and Tompkins counties, the Council partners with these organizations, agencies and entities:

- AmeriCorps/Rural Health Service Corps/Headwaters Youth Conservation Corps
- Black River-St. Lawrence RC&D
- Center for Agricultural Development and Entrepreneurship, Inc (CADE)
- Central NY Bounty
- Chenango County Ag Development Council
- Community Involved in Sustaining Agriculture - MA
- Cornell Cooperative Extension of Broome, Cayuga, Chenango, Cortland, Delaware, Madison, Otsego, Onondaga, Schohaire, Sullivan, Tioga, and Tompkins Counties
- Cornell University – Animal Science Department
- Cornell Small Farms Program
- Cornerstone Farm Ventures
- Finger Lakes RC&D
- GRAZE-NY
- Greater Adirondack RC&D
- Holistic Management International
- Hudson Mohawk RC&D
- Lake Plains RC&D
- Lower Hudson / Long island RC&D
- Mid-Atlantic Association of RC&D Councils
- National Association of RC&D Councils
- New York Association of Conservation Districts
- New York Grazing Lands Conservation Initiative
- New York Farm Bureau
- New York Farm Viability Institute
- New York Federation of RC&D Councils
- New York Forest Owner’s Association
- New York State Department of Agriculture and Markets
- New York State Department of Economic Development
- New York State Department of Environmental Conservation
- Northeast Livestock Processing Service Company LLC
- Northeast Sustainable Agriculture Research and Education (SARE)
- Northeast Organic Farmers Association (NOFA) -CT
- Northeast Organic Farmers Association (NOFA) -NY
- Rural Health Network of South Central NY
- Savory Institute
- Small and Beginning Farmers of New Hampshire
- Seneca Trail RC&D Council
- The Place – Chenango County Christian Neighborhood Center
- University of New Hampshire
- University of Vermont
- Venison Donation Coalition
- Women’s Agricultural Network – ME
- Women’s Agricultural Network – VT
- others

LINKAGES TO THE NRCS STRATEGIC PLAN

The Natural Resources Conservation Service developed a strategic plan for 2006-2010 titled “Productive Lands, Healthy Environment” that contains 6 mission goals and outcomes, 2 management initiatives and goals and 3 overarching strategies.

The goals, outcomes and management initiatives are:

1. High Quality, Productive Soils – The quality of intensively used soils is maintained or enhanced to enable sustained production of a safe, healthy and abundant food supply.
2. Clean and Abundant Water – The quality of surface waters and groundwater is improved and maintained to protect human health, support a healthy environment, and encourage a productive landscape. Water is conserved and protected to ensure an abundant and reliable supply for the Nation.
3. Healthy Plant and Animal Communities – Grassland, rangeland and forest ecosystems are productive, diverse and resilient. Working lands and waters provide habitat for diverse and healthy wildlife, aquatic species, and plant communities. Wetlands provide quality habitat for migratory birds and other wildlife, protect water quality, and reduce flood damage.
4. Clean Air – Agriculture makes a positive contribution to local air quality and the Nation’s efforts to sequester carbon.
5. Adequate Energy Supply- Agricultural activities conserve energy and agricultural lands are a source of environmentally sustainable biofuels and renewable energy.
6. Working Farm and Ranch Lands Preservation – Connected landscapes sustain a viable agriculture and natural environment.
7. Ensuring Civil Rights – Establish an equal opportunity standard for excellence through a highly skilled workforce that is diverse at all levels and ensures a commitment of equal access to NRCS programs and services.
8. Improving Internal Management – Manage our human capital strategically to ensure the right skills in the right locations to deliver high-quality products and services.

The 2011 – 2015 Central NY RC&D Area Plan Goals address and supports all of the mission goals and outcomes and management initiatives identified in the national NRCS Strategic Plan on a local level, as follows:

High Quality, Productive Soils (Goal 1: Assist... in improving the management of land [soil] resources... and Goal 7: Increase ground cover on...farms...); Clean and Abundant Water (Goal 3: Assist...to improve water quality in... communities...); Healthy Plant and Animal Communities (Goal 5: Increase the... ecological regeneration...on... farms); Clean Air (Goal 2: Explore alternative energy projects within the... region...); Adequate Energy Supply (Goal 2: Explore alternative energy projects within the... region...); Working Farm & Ranch Lands Preservation (Goal 1: Assist farms in... improving the management... and Goal 5: Increase the profitability...on farms...); Ensuring Civil Rights (Goal 4: Increase local capacity building... Objective 4.5: Guarantee equal opportunity outreach and civil rights compliance by CNY RC&D...) and Improving Internal Management (Goal 4: Increase local capacity building opportunities... Objective 4.1: improve CNY RC&D governing capacity..., Objective 4.3: Improve the ...effectiveness of...the CNY RC&D Board..., Objective 4.4: Maintain and strengthen CNY RC&D’s administrative and financial stability..., and Objective 4.6: Improve capacity building of groups, organizations or agencies...).

Additionally, by increasing local organizational capacity (Goal 4) and farm profitability (Goal 5) all eight NRCS goals and management initiatives in the NRCS strategic plan will be better addressed. Through improving quality of life on (Goal 5) and off farms (Goal 6) and increasing outreach about conservation and natural resources management activities (Goal 8) the goals and management initiatives of NRCS will be more readily attainable due to increased support from farmers and the general public.

The 3 overarching strategies found in the NRCS Strategic Plan are:

Cooperative Conservation- seeking and promoting cooperative efforts to achieve natural resource goals; Watershed Approach- providing information and assistance to encourage and enable locally led, watershed-scale conservation efforts; and Market-based Approach-facilitating growth or market-based opportunities that encourage the private sector to invest in conservation on private lands. All of these approaches will also be utilized in the implementation of the Central NY RC&D Area Plan.

IMPLEMENTATION AND OVERSIGHT

The Executive Committee, lead by the Board Chair, will oversee implementation of this Area Plan. The Chair will report progress on and schedule time to review and update the Area Plan annually. Evaluations will be based on the achievement of identified Strategic Actions, Objectives and Goals.

Central NY RC&D Council has developed this Area Plan with the assistance of the USDA Natural Resources Conservation Service. This Plan will guide the direction of the Central NY RC&D Council over the next 5 years. This document is meant to be dynamic in that it will be reviewed and updated annually or more frequently as needed. Annual Work Plans will be developed based on implementing this Area Plan.

ACKNOWLEDGEMENTS (the following assisted in the creation of this Area Plan)

COUNCIL MEMBERS '10-'11

Broome County	Mario Nirchi, Scott Clarke, Jack Salo
Cayuga County	Jason Cuddeback, Rebecca Schuelke
Chenango County	Jim Jenne
Cortland County	Jean Tyler
Delaware County	Andrew Kiraly
Madison County	Troy Bishopp
Onondaga County	Mark Burger
Otsego County	Les Rathbun, Scott Fickbohm
Schoharie County	Steve Hoerz
Sullivan County	Brian Brustman, Les Kirby
Tioga County	Pam Moore
Tompkins County	Craig Schutt
RC&D Staff/Consultants	Lauren Lines/Debbie Hawkins, Jim McLaughlin
RC&D AmeriCorp Member/Intern	Josie Maroney/Mike Gurecki
NRCS-NY CNY RC&D Coordinator	Phil Metzger
NRCS-NY CNY RC&D Secretary	Kim Totten
NRCS NY GIS Coordinator	Cathy Keenan
NRCS NY Cartographic Technician	Beth Polge
NRCS-NY Cartographic Technician	Katie Duncan
NRCS-NY Cartographic Technician	Julie Miller
NRCS-NY District Conservationist – Otsego	Tony Capraro
NRCS-NY District Conservationist – Tioga	Suzy Daubert
NRCS-NY RC&D Coordinator – BRSL RC&D	Chanda Lindsey
NRCS-NY RC&D Coordinator – FL RC&D	Richard Winnett
NRCS-NY RC&D Coordinator – HM RC&D	Elizabeth Marks
NRCS-NY RC&D Coordinator – ST RC&D	JoAnn Kurtis

REQUIRED CLAUSES AND SIGNATURES

The Central NY RC&D Council agrees that the RC&D Program will be conducted in compliance with the nondiscrimination provisions as contained in Title VI and VII of the Civil Rights Act of 1964 as amended, the Civil Rights Restoration Act of 1987 (Public Law 100–259) and other nondiscrimination statutes; namely, Section 504, of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975 and in accordance with the regulations of the Secretary of Agriculture (7CFR–15, Subparts A and B) that provide that no person in the United States shall, on the ground of race, color, national origin, age, sex, religion, marital status, or handicap/disability be excluded from participation in, or be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving Federal financial (or technical) assistance from the U.S. Department of Agriculture or any agency thereof.

The Central NY RC&D Council agrees that the signing of this document constitutes agreement to comply with Federal laws concerning restrictions on lobbying, a drug-free workplace, and responsibilities for non-procurement, suspension, and debarment, and State review. The Central NY RC&D Council hereby adopts this RC&D Area Plan and agrees to use effectively the assistance provided by the U.S. Department of Agriculture to realize the goals and objectives outlined herein.

The local sponsors make application for federal assistance under the Agriculture and Food Act of 1981 Public Law 97-98, 16 U.S.C. 34523461 as amended by Public Law 101-624, Section 1452.

The Central NY RC&D Council has had this application reviewed by the state. Comments made through the state single point of contact have been considered prior to submission of the application and that all applicable procedures have been followed. An environmental impact statement will not be prepared during the development of the area plan, but an environmental assessment of environmental impact statement will be prepared concurrently with the development of each project, when applicable, in accordance with federal procedures.

CENTRAL NY RC&D PROJECT, NEW YORK


By: Andrew Kiraly
Central NY RC&D Project, Inc. Council Chairperson

August 3rd, 2010

Date:


By: Jean Tyler
Central NY RC&D Project, Inc. Council Secretary

August 3rd, 2010

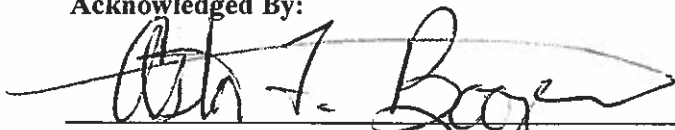
Date:

This action authorized at an official meeting of the Central NY RC&D Council on August 3rd, 2010.

U.S. Department of Agriculture - Natural Resources Conservation Service

The State Conservationist hereby acknowledges the attached Area Plan of the Central NY RC&D Project, Inc. as meeting the requirements under Public Law 97-98 to receive assistance from USDA.

Acknowledged By:


NRCS—New York State Conservationist

November 21, 2010

Date

CENTRAL NY RC&D PROJECT, NEW YORK

August 3rd, 2010

By: Andrew Kiraly
Central NY RC&D Project, Inc. Council Chairperson

Date:

August 3rd, 2010

By: Jean Tyler
Central NY RC&D Project, Inc. Council Secretary

Date:

This action authorized at an official meeting of the Central NY RC&D Council on August 3rd, 2010.

U.S. Department of Agriculture - Natural Resources Conservation Service

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Acknowledged By:

NRCS—New York State Conservationist

Date

APPENDIX

AREA PLAN SURVEY SUMMARY

Topic of Concern		HIGH	MED	LOW	NO	
Land Conservation						
Soil loss on agricultural land, forest land or along streams		30	17	6	1	
Soil compaction and soil health		13	29	9	3	
No till and low till farming practices		20	26	6	2	
Pasture management and planned grazing for livestock & horse owners		28	19	5	2	
Suburban Conservation / Backyard Conservation		11	18	20	5	
Water Management						
Flooding		15	18	16	5	
Runoff and sedimentation from forest land		7	16	26	5	
Runoff and sedimentation from urban and suburban land (storm water, construction)		15	22	17	0	
Runoff and sedimentation from agricultural land		29	18	6	1	
Stream bank protection and management		37	10	4	3	
Surface water quality and contamination		29	20	5	0	
Ground water quality and contamination		28	18	8	0	
Non-point source pollution, non-agricultural		21	28	5	0	
Non-point source pollution, agricultural		26	22	6	0	
Water quality stewardship and education		29	19	5	1	
Land Management						
Sustainable forest management		22	18	11	3	
Education for forest owners to remove healthy timber harvest		22	15	14	3	
Agricultural and/or environmental education		27	17	8	2	
Promotion and implementation of renewable energy projects		38	8	6	2	
Wetland restoration and protection		20	19	15	0	
Improved Coordination, planning, and design of urban centers		9	14	27	4	
Watershed stewardship and education		22	24	6	2	
Growth and development impacts on resource conservation		20	22	9	3	
Air quality and odors		11	15	26	2	
Sustainable forest management/education on timber harvests		17	21	14	2	
Options for on-farm animal wastes and on-farm nutrient management education		22	21	9	2	
Options for on-farm energy alternatives (solar, wind, biofuel)		31	18	3	2	
Habitat improvement and conservation for wildlife		18	28	8	0	
Wildlife populations including threatened and endangered species		19	21	11	3	
Awareness: USDA programs for conservation & community development assistance		17	22	13	2	
Community Development						
Capacity building with local leadership		15	29	6	4	
Marketing of local agricultural products		38	10	4	2	
Marketing of local forestry products		22	16	14	2	
Agri-tourism development and promotion		24	21	8	1	
Tourism development and promotion		9	25	18	2	
Historic and cultural resource recognition and protection		6	26	20	2	
Providing assistance to low income families such as food donations		11	24	18	1	
Recreational opportunities development or improvement		7	25	20	2	
Workshop and conference planning		9	22	20	3	
Facilitation of regional meetings and regional coalition building		10	19	22	3	
Grant searches and grant writing assistance		26	14	12	2	
Rural fire protection and emergency services		5	16	30	3	
Green space development		13	19	19	3	
Participants completing surveys were primarily affiliated with						
SWCD	GOV'T	CCE	FARMER	INDIVIDUAL	NON PROFIT	NOT MARKED
16	13	2	3	6	10	4
Participants preferred smaller site specific projects or larger multi-county projects						
SITE SPECIFIC	BOTH	MULTI COUNTY	NOT MAKRED			
12	26	10	6			

Participants Gender			
Female	Male	Not Marked	
26	23	5	
Participants Community type			
Rural	Suburban	Urban	
48	5	2	
Participants County of Residence			
Broome		5	
Cayuga		2	
Chenango		12	
Cortland		4	
Delaware		3	
Madison		4	
Onondaga		2	
Otsego		8	
Schohaire		4	
Sullivan		2	
Tioga		4	
Tompkins		2	
Not Marked		2	
Ranking of existing or recent projects			
Central NY Bounty and Local Goods Promotion & Marketing		1	
Grazing Technical Assistance & Education		2	
NE Grasstravaganza & Poultry School for Small Farms & Similar Conferences		3	
Holistic Whole Farm Planning Training & Assistance to Landowners		4	
Venison Donation Program		5	
Pastured Poultry Promotion		6	
Agri-Tourism Promotion & Education		7	
Headwaters Youth Conservation Corps & AmeriCorps/Intern Services		8	
Community Gardens		9	
Agricultural Carbon Trading Education		10	
Beginning Women Farmer Training		11	
Low Cost Ag Equipment Rental		12	
Low-interest Ag Loans		13	
Knapweed & Bedstraw Control Education		14	
Hops Production Promotion		15	

United States Department of Agriculture



Natural Resources Conservation Service
P.O. Box 2890
Washington, D.C. 20013

SUBJECT: PDM – Central New York RC&D Area Plan

DEC 02 2010

TO: Astor Boozer
State Conservationist, NRCS
Syracuse, New York

File Code: 390

We have completed our review of the five-year Resource Conservation and Development (RC&D) Area Plan for the Central New York RC&D Council and found that the plan meets all the requirements set forth in the RC&D Programs Manual (CPM 440, Part 513.C).

Thank you for your assistance in this important effort. If you have any questions, please contact David Arthur on (202) 720-0658 or me on (202) 720-6700.



CARLOS SUAREZ
Acting Director
Stewardship and Community Development Division

cc:

Leonard Jordan, Regional Conservationist, East Region, NRCS, Washington, D.C.
Dennis Dewese, RC&D Program Manager, NRCS, Syracuse, New York

APPENDIX

FEDERAL AND STATE LEGISLATIVE REPRESENTATIVES

US Senators:

The Honorable Charles E. Schumer
The Honorable Kirsten Gillibrand

US House of Representatives

Scott Murphy	20 th District
Paul D. Tonko	21 st District
Maurice Hinchey	22 nd District
Bill Owens	23 rd District
Michael Arcuri	24 th District
Dan Maffei	25 th District

NYS Senators:

John J. Bonacic	42 nd District
Neil D. Breslin	46 th District
David J. Valesky	49 th District
John A. DeFrancisco	50 th District
James L. Seward	51 st District
Tom Libus	52 nd District
George Winner	53 rd District
Michael F. Nozzolio	54 th District

NYS Assembly:

Aileen M. Gunther	98 th District
John J. McEneny	104 th District
George Amedore	105 th District
Clifford W. Crouch	107 th District
William Magee	111 th District
Marc W. Butler	117 th District
Joan K. Christensen	119 th District
William B. Magnarelli	120 th District
Al Stirpe	121 st District
Gary D. Finch	123 rd District
William A. Barclay	124 th District
Barbara Lifton	125 th District
Donna A. Lupardo	126 th District
Peter D. Lopez	127 th District
Bob Oaks	128 th District
Brian M. Kolb	129 th District
Thomas F. O'Mara	137 th District