

New York State Soil & Water Conservation Committee
10B Airline Drive, Albany, NY 12235 -- Telephone (518) 457-3738
State Committee Meeting
207 Genesee Street, Utica, NY
April 21, 2015

Meeting At A Glance:

- Welcome to Beth Claypoole, new State Committee representative from Cornell Cooperative Extension!
- The New York State budget was released April 1st. Funding for Districts/District programs have stayed steady or increased:
 - \$14.2 million for Agricultural Non-Point Source, steady relative to 2014-2015
 - \$5.275 million for State Aid to Districts, including \$500,000 for development of a Climate Resilient Farming program.
 - \$6.05 million for the Oceans and Great Lakes Initiative (Ecosystem Based Management), an increase of \$1 million over 2014 – 2015.
- 101 applications to the Round 21 AgNPS have been submitted, and 99 are moving to the next phase of review and ranking. The ranked list will be available at the end of July or beginning of August. The contract start date for Round 21 will be when the contract is generated from the Grants Gateway (likely Dec 2015 or Jan 2016). Any work on the project that is done before the contract date will not be eligible for reimbursement.
- The State Committee approved two policies:
 - Under Barn Manure Storages will not be funded through the AgNPS program
 - Districts should refer to the New York State Office of Invasive Species Coordination's Invasive Species list, and not sell plants ranked "moderate" or higher

Present:

D. Stein, Chair; J. Dickinson, C. Colby, D. Brass, Voting Members; M. Latham, Director; B. Steinmuller, Assistant Director; C. Frasier, V. DiGiacomo, S. Fickbohm, R. Bush, G. Spitzer, J. Clifford, SWCC; D. Tuxill, DEC; T. Willis, NRCS; P.J. Emerick, Ontario County SWCD, CDEA; P. Kaczmarczyk, DOH; L. Williams, New York Farm Bureau; T. Sweeney, DAM; D. Grantham, Cornell University; B. Claypoole, Cornell Cooperative Extension.

Call to Order

D. Stein called the meeting to order. D. Stein welcomed Beth Claypoole, new representative from Cornell Cooperative Extension.

Review/Approval of Minutes

D. Brass moved to approve the March 2015 minutes; seconded by Chuck Colby. Motion passed; carried.

Budget, Staffing, Correspondence, M. Latham and B. Steinmuller

M. Latham again offered a warm welcome to Beth Claypoole.

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The New York State Budget for FY 2015-2015 was passed, and includes a number of provisions of interest to the State Committee:

- Local assistance funding is the highest it has been in 15 years.
- There will be [\\$20 million available to farms in the Hudson Valley](#) for farmland protection and [\\$30 million available to farms in the Southern Tier](#) for agricultural economic development, agribusiness job creation, and agricultural environmental projects. Department of Agriculture and Markets staff are working on developing these new grant programs.
- There will be funding for two Comprehensive Nutrient Management Planning specialists for the next two years. The Department is working on the solicitation and recruitment process.
- The state fair received \$50 million to improve infrastructure.
- Total appropriations for the Department of Agriculture went down, resulting in a loss of ten positions (losses will be due to attrition).
- There was an article 7 farm tile drain revolving loan fund (\$500,000) that the State Committee is being tasked with establishing. This will likely involve writing a regulation to determine how the fund will be administered. The idle funds in the account are eligible to be invested and earn money, so that will be a particularly important element to nail down. More details on this will be discussed at a future meeting.
- The Environmental Protection Fund gained \$15 million total. The full breakdown is attached, but the particular items of interest are:
 - \$14.2 million for Agricultural Non-Point Source, steady relative to 2014-2015
 - \$5.275 million for State Aid to Districts, including \$500,000 for development of a Climate Resilient Farming program. More details on this program will be discussed at a future meeting. Even subtracting the \$500,000, \$4.775 million is a \$50,000 increase over 2014-2015 levels.
 - \$6.05 million for the Oceans and Great Lakes Initiative (Ecosystem Based Management), an increase of \$1 million over 2014 – 2015. This will be discussed further at a future meeting.

Regarding staffing, the Division has built a staffing and continuity plan which has been filed with the HR office. There are some upcoming retirements. There are waivers currently in the queue for a number of critical staff positions.

In addition, the applications for the Rural, Suburban, and Urban Non-Farm interest seat on the State Committee are being reviewed by the governor's office of appointments, and the current members of the Committee are being re-canvassed as everyone is currently serving an expired term.

Correspondence was reviewed, including letters from Genesee County SWCD and Suffolk County SWCD regarding their failure to receive the full District Aid Performance Measure competitive funds. This was discussed further during the subsequent State Aid discussion. There were also letters regarding the Round 21 AgNPS application review, and this was discussed during the AgNPS review.

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State Aid to Districts, J. Clifford

J. Clifford delivered a power point presentation about the State Aid to Districts program (attached). There was a 37% increase in the State Aid appropriation from FY 2013-2014 to FY 2014-2015, which resulted in full funding for parts A, B, and C. See the full report for more information.

Part C is a competitive funding source. Districts earn credit for performance measures; funds are allotted by taking the total amount of credit earned and dividing it by the total amount of money available. The fast turnaround required due to the state's fiscal calendar makes revisions and clarifications impossible. Unfortunately, that means that a simple error in recording a date or lack of clarity in response results in failing to earn credit in that category. The State Committee discussed that this is difficult, but because of the Comptroller's emphasis on fairness and prompt turnaround, it is necessary to proceed in both awarding the performance measure funding as it was assigned and continuing to revise and rework the form so it is as clear as possible.

Agricultural Non-Point Source Grants, B. Steinmuller

Current Status and Amendments

The contract status report was reviewed (attached). D. Stein noted that the State Committee used to routinely have numbers in the \$90 million range for active contracts, and the number is now just over \$58 million despite a growing program. Credit was given to Districts and State Committee staff for working hard to clear the backlog and close out outstanding contracts.

The following amendments were presented to the committee for consideration:

Orange County SWCD – Moodna Creek Watershed Farm Runoff Control– Round 17 – C701027

Request: Time Extension from 5/13/15 to 7/11/16

Reason: Additional time is needed to complete the project. One practice has been implemented, but due to weather constraints and extreme changes over the last few years at the farm, the landowner has not been able to complete the remaining practices. The landowner has re-committed to completing all of the practices within the requested time extension.

Note: Jennifer Clifford, Region 5 AEA, supports the time extension.

Previous Amendments: None

J. Dickinson motioned to approve the amendment, seconded by D. Brass. Motion passed; carried.

Orange County SWCD – Upper Wallkill River Watershed Farm Runoff Control– Round 17 – C701028

Request: Time Extension from 5/13/15 to 7/11/16

Reason: Additional time is needed to complete the project. Due to weather conditions, as well as the economic climate on certain farms, all BMPs have not been completed. All landowners with work still outstanding have re-committed to completing their practices within the requested time extension.

Note: Jennifer Clifford, Region 5 AEA, supports the time extension.

Previous Amendments: None

J. Dickinson motioned to approve the amendment, seconded by D. Brass. Motion passed; carried.

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Schoharie County SWCD – Gage Barnyard Improvement Project– Round 17 – C701036

Request: Time Extension from 5/13/15 to 7/11/16 and Change in Landowner

Reason: Additional time is needed to complete the project due to family issues and change in farm ownership. The new landowner wants to continue with implementation of the project and will be implementing the same BMPs (or completing the same tiered planning) as the original landowner. The farm priority does not change because it is still the same facility, just under new ownership. The new landowner has committed to completing the project.

Note: Clifford Frasier, Region 3 AEA, supports the time extension and change in landowner.

Previous Amendments: None

J. Dickinson motioned to approve the amendment, seconded by D. Brass. Motion passed; carried.

Under Barn Manure Storage

The Under Barn Manure Storage policy was discussed. The State Committee reviewed the issue, as it was discussed at the March meeting as well, and determined to adopt the policy that under barn manure storages will not be funded in the AgNPS program. The policy (attached) states in part:

Due a combination of factors including concerns about the management requirements and overall feasibility of this system, concerns about the administrative load of dividing the various cost share/land owner match/ineligible components, and to prevent the perception that the AgNPS Program funds barns for livestock, this system will not be funded through the Agricultural Non-Point Source Program.

D. Brass motioned to approve the policy that Under Barn Manure Storages will not be funded through the AgNPS program (with correction submitted by C. Colby), seconded by J. Dickinson. Motion passed; carried. (Note: the correction is already reflected above.)

Round 21 Update

101 applications were submitted in Round 21, requesting a total of \$31 million. It appears (from very preliminary data) that a large portion of the applications were for agricultural waste storage projects. While important, and an important water quality concern, concerns were expressed about how to make sure that a wide range of projects from a wide range of farming operations are funded. Points were also raised regarding incentivizing agricultural waste storage covers as well as expansion related projects, and these will be discussed further once more information is assessed from Round 21 proposals.

Use of the Grants Gateway program was generally successful. There was a record number of applications submitted, so it is clear that the Districts were able and willing to use the program. There were a normal number of deficient applications which resulted in five point penalties. The biggest issue was that the Grants Gateway failed to create complete pdf packets of all of the applications so that reviewers could print and/or review each complete application all together, without being encumbered by clicking on multiple screens and not being able to print. This puts an even greater burden on the reviewers, who are already spending many hours (reviewers present at the meeting said they routinely spend more than an hour reviewing each application) to assess a record number of applications. Grants Gateways staff are working to resolve this issue for the future, but it presents a major burden for reviewers for this RFP. No matter the technology involved, however, a hundred applications is a big ask

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for the reviewers, and concerns were raised about how to ensure that the high level of review is sustainable in the long term.

Of the 101 submitted applications, 99 were deemed complete to be reviewed. One of the two Districts who submitted the incomplete applications claimed that the mistake was due to a technical error in the Grants Gateway. The District gave a detailed account of how they had initially uploaded an incorrect document, then corrected the mistake and checked that it saved, but it seems the incorrect document stayed within the system. There are no records available from the Grants Gateway to verify this claim. A long discussion ensued regarding how to evaluate the claims and if there are any ways to be more lenient regarding the critical flaws that made the applications incomplete. State Committee staff will review each case with the Office of the State Comptroller.

The ranked list will not be generated until the end of July or beginning of August. Districts should be aware that the contract start date for Round 21 will not be when the ranked list is announced but only when the contract is generated from the Grants Gateway, which is projected to not be until at least December of 2015 or January of 2016. This means that any work on the project that is done before the contract date will not be eligible for reimbursement.

Tree and Shrub Policy, C. Frasier

The policy was initially created in 2006. The policy is being revised to reflect that Districts now have legal authority to combat invasive species, and the invasive species list has been reviewed and revised.

The new policy (attached) states that Districts should not sell, promote, or use any plant ranked as Very High, High, or Moderate on the New York State Office of Invasive Species Coordination's invasive species list.

D. Brass motioned to approve the policy, seconded by J. Dickinson. Motion passed; carried.

A cover memo providing background will be prepared and provided to each District with the new approved policy.

Partnership Reports

State Committee, M. Latham

A CAFO meeting was held recently. The topics of winter storage and winter spreading were discussed. Farmers and others feel the need for more capacity either through building more storage or through covers. This issue will be discussed further by the State Committee at a later meeting.

State Committee Region 1, V. DiGiacomo

Round 20 projects are starting to get underway, and there have been a number closeouts from earlier projects. There is a big Trees for Tribes project underway to plant 30,000 linear feet of riparian buffers (minimum 35 feet in width) along high priority stretches of the Genesee River with a minimum of 15,000 native trees and shrubs. The project will benefit a variety of species, including Lake Sturgeon, Atlantic Salmon, and yellow breasted chat, and it will significantly reduce stream bank erosion that adds many tons of sediment to Lake Ontario.

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There is also a grant opportunity for the Genesee River Basin currently available.

State Committee Region 3, C. Frasier

The [Mohawk River Watershed Management Plan](#) is complete. It was a tremendous undertaking, funded by a grant from the Department of State, and it has already been successful in receiving implementation grant funding. There is also an [interactive mapping tool](#) that was created as part of the effort that could be useful to Districts and others.

Districts who are looking for projects for their Part B and Part C funding could consider creating a Watershed Management Plan for smaller watersheds in their District.

CDEA, PJ Emerick

CDEA has a few new representatives: Division 3 is Steve Lorraine, Division 5 is Lora Benedict from Essex County, Division 7 is Erin Sommerville from Dutchess County, and Division 4 will be announced in May.

The next CDEA meeting will be at the Cayuga County SWCD on May 5. The agenda includes reviewing the evaluation forms from the Water Quality Symposium, working with John Santacrose, Albany County SWCD Chair, on the “Friends of Conservation Districts” initiative, working on planning the Conservation Skills Workshop courses, and discussing the Level 1 “Conservation Boot Camp” initiative.

The Administrative Manual update committee has been created. The first meeting will be on May 13, at 10:00am, in Albany.

PJ emphasized his goals as President of the CDEA, which are strengthening the four way partnership, working with the State Committee and NRCS on the Technical Training Curriculum, and working with our partners to strengthen programs and policy to keep Districts effective and efficient while maintaining state and local support.

State Committee, G. Spitzer

The SharePoint site is up and running! As of the writing of the minutes:

- 49 Districts have submitted emails to be invited to the SharePoint site, the first step to being able to use the SharePoint site.
- 149 emails have been submitted; of these, 95 have logged on and begun to use the site.
- 19 Districts have completed the process—all of the emails they have submitted for access to SharePoint have access and have logged on at least once.

Now that the “getting started” phase of the SharePoint is well underway, G. Spitzer is available to work with Districts to help enhance their usage of SharePoint. If any Districts want to create folders for projects that they are working on together, or a watershed management group—any combination of Districts, for any project—email or call Gabriella. Something can be worked out to meet your needs.

State Committee Region 2, S. Fickbohm

S. Fickbohm attended a meeting of the Upper Susquehanna Coalition, and learned about a GIS tool that they have been developing using statewide data (not just the Chesapeake basin). The tool uses mapping

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layers and algorithms to determine where the most biodiverse wetlands should be located in the state, based on a variety of topographical, climate, soil, land use, and other factors. USC is looking for funding to expand the capacity of the tool to pinpoint the most important areas for flood attenuation, which (if effective) could be a very useful tool for Districts and the State Committee.

NRCS, T. Willis

T. Willis gave a number of program updates for NRCS programs.

2015 Programs Allocation:

- EQIP – \$5,590,262
- AMA – 357,700
 - COO Irrigation (Cayuga, Onondaga, Oswego)
 - DOPRUW (Dutchess, Orange, Putnam, Rockland, Ulster and Westchester)
- WLFW - \$61,500
- CIG – \$150,000
- CBWI – Joint Chief RB - \$4,040,000
- GLRI – Requested Funds

Project type	Amount for FY15 funding (Use in FY15)	Amount for FY16 funding (Defered until October 2016)
FA/TA Phosphorus Priority Watersheds	\$500,000-FA / \$136,943-TA	None
FA/TA General Priority Watersheds	\$800,000-FA / \$219,108-TA	\$700,000-FA / \$191,720-TA

- CStP - \$5,473,651
- NWQI West Area - \$535,000
 - Brown Creek
 - Christie Creek
 - Otter Creek
- Ag. Conservation Easement Program- Ag. Land Easement (ACEP – ALE) \$1,517,934
- Ag. Conservation Easement Program – Wetland Reserve Easement (ACEP – WRE) \$1,307,250
- RCPP Program

National Funding Pool

- NFWF (National Fish and Wildlife Foundation)
 - Delaware River Watershed Working Lands Conservation and Protection Partnership.
 - Programs (EQIP, ACEP ALE)
 - Funding \$13,000,000
 - New York
 - EQIP \$451,750
 - ACEP-ALE \$300,000
 - States (NY, PA and NJ)
 - New York Counties (Delaware, Ulster, Sullivan, Broome and Orange)
 - Connecticut Council on Soil and Water Conservation

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- Long Island Sound Watershed RCPP
- Program (EQIP, ACEP ALE and HFRP)
- Funding \$ 10,000,000
- States (NH, Vermont, Mass., Conn., NY and RI)
- State of Vermont Agencies of Agriculture, Food and Markets, and Natural Resources
 - Accelerated Implementation of Ag and Forestry Conservation Practices in the Lake Champlain Watershed of Vermont and New York.
 - Program (EQIP, ACEP WRE, ALE)
 - Funding \$16,000,000 (NY - 1 million , EQIP Programs)
 - States (NY and VT)
 - New York Counties (Essex, Warren and Washington)

State Funding Pool

- Greater Adirondack RC&D Council
 - Greater Adirondack Agricultural Environmental Enhancement Program (New York)
 - Program (EQIP)
 - State Funding Pool (\$1,463,189)
 - 16 counties (NE Area)

Summary of New York Hurricane Sandy Emergency Watershed Protection Program-Floodplain Easements Second Sign-Up Applications

- New York NRCS submitted 171 applications as a result of the second Hurricane Sandy EWPP-FPE sign-up held from January 27, 2014 – June 19, 2014.
- These applications, located in seven distinct geographic areas, total over 118 acres with an estimated cost of \$96 million.
- NRCS completed initial eligibility determinations and then screened and ranked projects based on likelihood of successful restoration of floodplain functions and values taking cost effectiveness into consideration.
- NRCS is recommending for funding 128 of the 171 applications received at a cost of \$72.7 million
 - NRCS staff in NY will now work with landowners and project sponsors to complete all due diligence activities prior to acquisition for all projects recommended for funding.
 - Projects not recommended for funding were either ineligible for the program, prohibitively expensive, or would not result in successful restoration of floodplain functions and values.

Three Irene and Lee EWP Projects

Irene and Lee we have about \$23M in four sites in Schoharie County

- One in Greene County, and one in Sullivan County to complete this summer. One site in Orange County should be done by May. One of the Schoharie sites will be done in June.
- Sandy has \$11M in one more recovery site on Staten Island. This site will begin in May and continue for two construction seasons.
- Yates County has two small sites from a 2014 storm to be designed and built this summer as well.

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Department of Health, P. Kaczmarczyk

The lack of precipitation during late winter and early spring of 2015 created better winter spreading conditions. The NYSDOH is aware of two instances where private wells were compromised by the spreading of manure. In one instance, there was an associated illness caused by the consumption of contaminated well water. Usually these cases either are not documented or the water is so clearly and obviously not potable that no one drinks it and no one gets sick.

P. Kaczmarczyk noted that research conducted by the Agricultural Research Service has shown that tile drains can have adverse impacts on water quality of the drains empty directly into streams.

Farm Bureau, L. Williams

The Farm Bureau is involved in the CAFO conversations, and will continue to work with farmers and partners on the issue.

Department of Environmental Conservation, D. Tuxil

The DEC has reorganized its water division somewhat, so there will be more partners involved in State Committee and SWCD activities and attending the State Committee meetings.

There is an increased emphasis on building Nine Element watershed management plans, as required for funding from the EPA under the Clean Water Act. The Water office in the DEC is working to review and revise watershed plans for compliance with the Nine Element protocol.

Cornell Cooperative Extension, B. Claypoole

B. Claypoole is excited to join the State Committee as the representative from Cornell Cooperative Extension, and is

B. Claypoole is involved with the Southern Tier Regional Economic Development Council, and she described some of the agricultural economic development opportunities available through “landscape changing projects.” Farmers should look into all kinds of sources of funding.

NYACD, C. Colby

NYACD has hired a new executive director, Danielle Cummins. She is working, among other things, on improving the website.

Annual Plans of Work, B. Steinmuller

The following Districts submitted Annual Plans of Work to be approved by the Committee:

Albany	Erie	Lewis	Onondaga	St. Lawrence	Suffolk
Cattaraugus	Franklin	Madison	Orange	Saratoga	Sullivan
Chenango	Fulton	Montgomery	Otsego	Schenectady	Tompkins
Clinton	Greene	Nassau	Putnam	Schoharie	Ulster
Columbia	Hamilton	NYC	Renssellaer	Schuyler	Westchester
Delaware	Herkimer	Niagara	Rockland	Steuben	Yates
Dutchess	Jefferson	Oneida			

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J. Dickinson motioned to approve the plans of work, seconded by D. Brass. Motion passed; carried.

Meeting adjourned. Next meeting is scheduled for May 19 in Albany.

Items for Further Discussion:

- The farm tile drain revolving loan fund as created in the budget
- Climate resilient farming program, as created in the budget
- Ecosystem based management
- Agricultural waste storage covers
- AgNPS projects that are expansion-related
- Watershed Coalitions Reports
 - Mohawk River

<u>Open Space Program</u>	<u>FY14-15 Enacted</u>	<u>FY15-16 Executive Proposal</u>	<u>FY15-16 Senate Proposal</u>	<u>FY 15-16 Assembly Proposal</u>	<u>FY 15-16 Enacted</u>
Open Space / Land Conservation	21,650	25,500	25,500	28,000	26,550
<i>Cons. Partnership Program/LTA</i>	2,000	2,000	2,000	2,100	2,000
<i>Urban Forestry</i>	1,000	1,000	1,000	1,000	1,000
<i>Cities with population 65,000</i>	250	500	500	500	500
<i>Projects in DEC regions 1-3</i>	1,500	0	0	1,000	1,000
<i>Resiliency Planting Program</i>	250	250	250	250	250
Farmland Protection	14,000	14,000	14,000	14,000	15,000
<i>Ft. Drum Buffer</i>	1,000	1,000	1,000	1,000	1,000
Agricultural Waste Management	1,500	1,500	1,500	1,500	1,500
Municipal non-point source pollution	4,500	4,800	4,800	4,800	4,800
Ag. non-point source pollution control	14,200	14,200	14,200	14,200	14,200
Hudson River Estuary Management	3,800	4,700	4,700	4,700	4,700
<i>Mohawk River Action Plan</i>	800	800	800	800	800
<i>Peconic Bay Estuary Program</i>	0	0	0	0	200
Biodiversity Research and Stewardship	500	500	500	500	500
Albany Pine Bush Commission	2,125	2,125	2,125	2,375	2,475
Long Island Pine Barrens Commission	1,250	1,250	1,250	1,500	1,600
LI South Shore Estuary Reserve	900	900	900	900	900
Finger Lakes/Lake Ontario Alliance	1,500	1,500	1,500	1,750	1,750
Lake Erie Watershed Protection Alliance	0	0	0	0	250
Smart Growth	400	600	600	600	600
Invasive Species	4,700	5,700	5,700	5,700	5,850
<i>Lake George</i>	550	450	450	450	450
<i>Eradication Grants</i>	1,000	1,000	1,000	1,000	1,000
Oceans and Great Lakes Initiative	5,050	6,050	6,050	6,050	6,050
Water Quality Improvement Program	7,800	8,000	8,000	10,000	8,000
<i>Suffolk Co. Water Quality</i>	3,000	3,000	3,000	3,000	3,000
Soil and Water Conservation Districts	4,725	5,275	5,275	5,275	5,275
<i>Climate Adaptation Program*</i>	0	500	500	500	500
Greenhouse Gas Emissions Reduction	0	0	28,000*	0	0
Sub-Total	88,600	96,600	124,600	101,850	100,000
<u>Parks and Recreation Program</u>					
State Land Stewardship	17,350	18,500	18,500	18,500	18,500
<i>Belleayre Mountain</i>	500	500	500	500	500
<i>Parks & Trails NY Grants Program</i>	0	500	500	500	500
<i>Hudson River Valley Trail Grants</i>	0	0	0	0	100
Waterfront Revitalization	12,500	12,500	12,500	12,750	12,500
<i>Inner city/Underserved</i>	6,250	6,250	6,250	6,250	6,250
<i>Flood Smart Communities*</i>	0	0	0	0	250
<i>Schuyler County SWCD*</i>	0	0	0	0	250
Municipal Parks	15,500	15,750	15,750	16,750	15,750
<i>Inner city/Underserved</i>	7,750	7,875	7,875	7,875	7,875
<i>Tivoli Park*</i>	0	250	250	250	250
<i>Watkins Glen – Clute Park*</i>	0	0	0	0	500
<i>Yates County – Keuka Outlet Trail*</i>	0	0	0	0	150
Hudson River Park	3,000	2,000	2,000	3,000	2,500
ZBGA	11,350	11,450	11,450	12,450	12,450
Sub-Total	59,700	60,200	60,200	63,450	61,700
<u>Solid Waste Program</u>					
Municipal Recycling	7,000	7,500	7,500	7,500	7,500
Secondary Materials Markets	1,000	1,000	1,000	1,000	1,000
Pollution Prevention Institute	3,250	3,250	3,250	3,250	3,250
Pesticide Program	1,200	1,200	1,200	1,200	1,200
<i>Long Island Pesticide Prevention</i>	200	200	200	200	200
Natural Resource Damage Assessment	1,000	1,000	1,000	1,000	1,000
Landfill Closure/Gas Management	250	250	250	250	250
Community Impact Grants Program*	0	1,000	1,000	2,500	1,100
<i>Children's Environmental Health Centers</i>	0	0	0	500	0
<i>Lead Paint Inspection Erie County</i>	0	0	0	0	100
Sub-Total	13,700	15,200	15,200	16,700	15,300
TOTAL EPF	162,000	172,000	200,000	182,000	177,000

000s omitted. Programs in Italics are sub-allocations within programs.

*New category in FY15-16. Previous year sub-allocations in Waterfront and Muni Parks deleted.

Data compiled by The Nature Conservancy. For more information, contact jottney@tnc.org.

March 30, 2015. For more information about the EPF visit www.keepprotectingny.com.

State Aid to Districts 2014 Status Report

JENNIFER CLIFFORD



**Soil and Water
Conservation
Committee**

State Aid to Districts – 2014 Highlights

\$59,523.25
Max State Aid 2013

\$81,460.94
Max State Aid 2014

37% Increase
(\$21,937.69)
Max State Aid

2014 Highlights

- Total State Aid \$4.725M
 - Part A was fully funded – no proration
 - Funding to Part B (Conservation Project) and C (Performance Measures) restored after 2 years unfunded
- 2014 Statewide Annual Report draft available next meeting

Part A – State Reimbursement

51 Districts
exceeded \$120,000
eligible expenditure

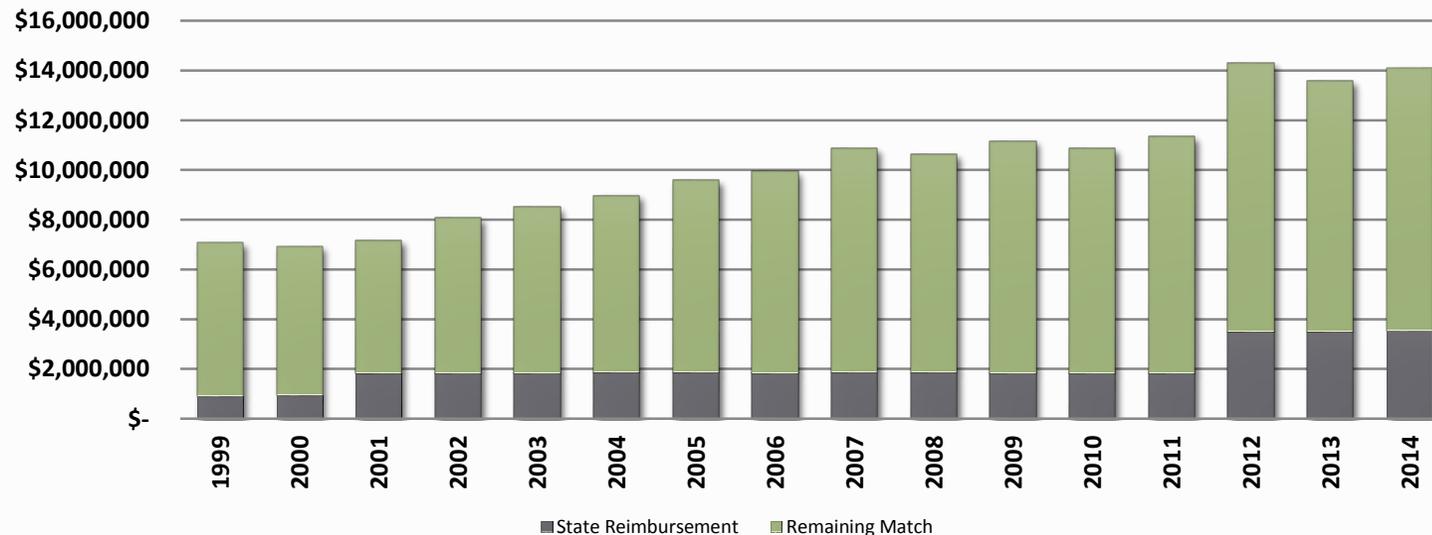
100% of maximum
reimbursement received
– Part A fully funded

\$14 M Eligible
Expend Reported

\$3.562 M
reimbursed to
Districts

\$60,000 max
reimbursement

Total Reimbursable Expenditures



Part B – Conservation Project Financial Assistance

Conservation Project Financial Assistance			
SFY Year	# of Projects	Total Funding	# of Districts
2006	80	\$ 344,603.00	57
2007	68	\$ 332,141.75	56
2008	69	\$ 361,676.26	58
2009	65	\$ 372,000.00	58
2010	63	\$ 349,150.00	58
2011	61	\$ 369,770.80	58
2012	0	\$ -	0
2013	0	\$ -	0
2014	60	\$ 372,000.00	58
Totals	466	\$ 2,502,571.01	

\$6,000 per District to complete conservation project - Part B Fully Funded

60 Approved Projects to be completed in 2015

\$372,000 dispersed

Part C – Performance Measures

\$790,789.20 dispersed –
 \$15,460.94 per District that
 achieved all four PM

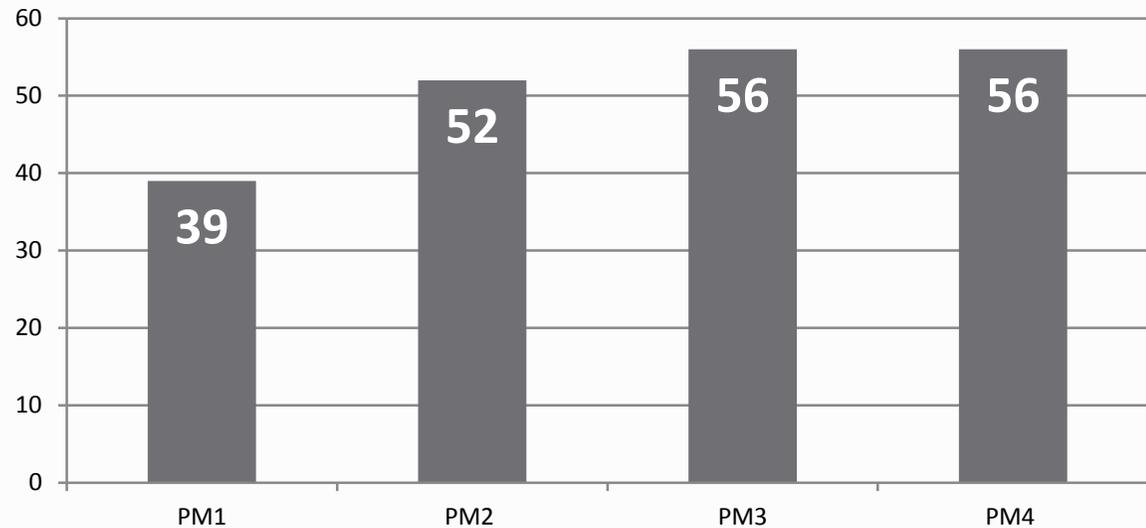
PM 1 Board Activity

PM 2 Reporting & Outreach

PM 3 Funding & Partnerships

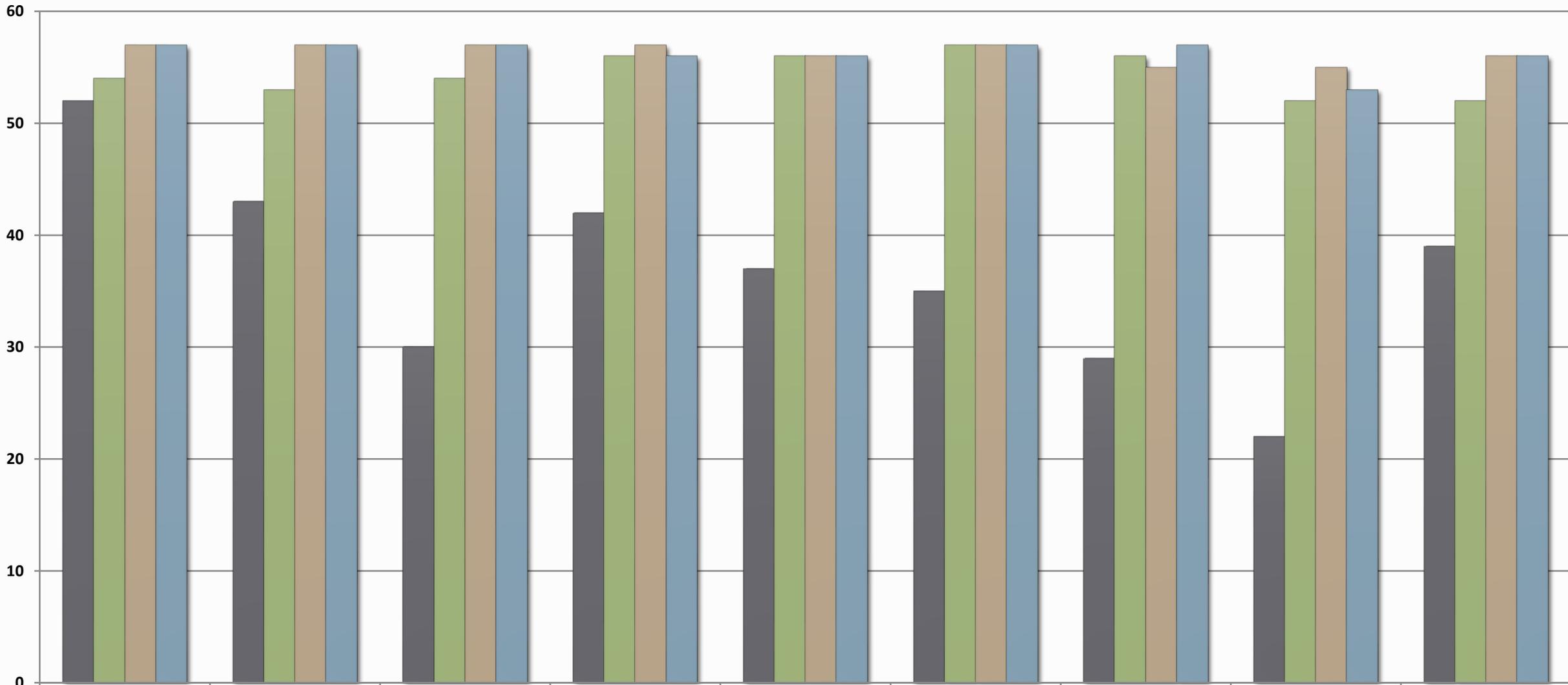
PM 4 State Conservation Prog

2014 Eligible Districts



	PM 1	PM 2	PM 3	PM 4
Percentage	20%	10%	40%	30%
Funding per eligible Dist	\$4,055.32	\$1,520.75	\$5,648.50	\$4,236.37

Eligible District's Per PM



	2006	2007	2008	2009	2010	2011	2012	2013	2014
■ PM1	52	43	30	42	37	35	29	22	39
■ PM2	54	53	54	56	56	57	56	52	52
■ PM3	57	57	57	57	56	57	55	55	56
■ PM4	57	57	57	56	56	57	57	53	56

Performance Measure – Competitive Program

- **Awards based on**
 - remaining funds after Parts A and B have been awarded
AND
 - total number of qualifying Districts per each performance standard
 - If the eligibility of any District changes the award amounts change for all the Districts

Regulation 363

Section 363.8. Performance based conservation financial assistance. The State shall provide financial assistance to districts, within available funding, annually and on a **competitive basis**, for the purposes of carrying out projects for the conservation of the soil and water resources of the State, and for the improvement of water quality, and for the control and prevention of soil erosion and for the prevention of floodwater and sediment damages, and for furthering the conservation, development, utilization and disposal of water, and thereby to preserve natural resources, control and abate nonpoint sources of water pollution, assist in the control of floods, assist in the drainage and irrigation of agricultural lands, prevent impairment of dams and reservoirs, assist in maintaining the navigability of rivers and harbors, preserve wildlife, protect the tax base, protect public lands, and protect and promote the health, safety and general welfare of the people of the State, pursuant to the provisions of section 11-a(1)(c) of the New York State Soil and Water Conservation Districts Law. For the purposes of this section the soil and water conservation district of New York City shall be considered the equivalent of one district.

Section 363.9. Qualifying for performance based conservation financial assistance standards.

(a) The committee shall establish annually, within funds appropriated, the percentage of the total performance based conservation financial assistance funds available which shall be allocated to each of the performance standards, as described in this section. **The funds allocated to each of the performance standards shall be distributed equally to the qualifying districts within each performance standard.** In establishing the percentage of funds to be allocated to each performance standard for any year, **the committee shall consider the performance of districts under this section, as a whole, in the previous year and the extent to which they have met or failed to meet the following performance standards.**

Performance Measure – OSC Audit

- State Comptroller Audit in 2008 recommendations
 - **communication to Districts is consistent**
 - **awards are made on a timely basis**

Summary Report states that Districts should review their report prior to submission because **clarification will not be permitted**

2014
Performance Measure Evaluation Summary Report
For
Conservation Financial Assistance

Reporting Period 1/1/2014 - 12/31/2014

Review of the State Aid Performance Measures program is by statute competitive and subsequently the District is not afforded an opportunity to provide clarifications. Performance Based Conservation Financial Assistance is awarded on a competitive basis and must be evaluated based on the information provided on the supplied report by the deadline of February 15th. Please review this report before submission for accuracy and completeness.

 County Soil and Water Conservation District

E-signature is required to verify form is **true and complete**

SWCD Certification

I hereby affirm under penalty of perjury that information on this form and attached statements and exhibits are true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Title

of (entity)

Date

Signature

Performance Measure – Evaluation

- Evaluation must be **consistent** and funds must be awarded **timely**
 - Forms must be evaluated based on information provided
 - Can't take discretion even if we perceive we know what is meant
 - Determinations must be final so that awards can be timely
 - Awards are dependent on total funds divided by number of qualifying Districts

Common Issues & Solutions

PM 1b & 1c – District Law Training and Director Training Topic

- **Issue:** Directors appointed at end of calendar year unable to complete required training
- **Solution:** SWCC Policy created in 2014 to allow directors appointed in last 60 days of year exempt from training requirements
- **Policy implemented by Dutchess SWCD for 2014 PM**

PM 1b & 1c - Training Budget

- **Issue:** No training budget listed because District takes advantage of free opportunities
- **Solution:** There is a default value of \$0 but District must check box that they have a training budget for both directors and employees even if budget is \$0.

Update Summary Report

1c) Training of District Employees

Do all SWCD employees* have current training plans?

**As identified in the current directory, excluding seasonal, contractual, and interns.*

Yes

No

Has a training budget been developed for all SWCD Employees?

Yes

No

Please list the total dollar amount for the developed budget(s).

**You must enter an amount to receive credit, even if budget(s) are zero.*

\$0.00

Common Issues & Solutions

PM 1b & 1c - Training Topics

- **Issue:** Training topic listed is too vague or is not discernable as an educational training
- **Solution:** Space can be added for description of training topic for Districts to provide information about the training topic beyond title and date

Genesee – 2014 PM Evaluation Summary Report

Please provide one completed training topic for each board member. The training topic must be discernible as an educational course. Time spent on duties and oversight of the District such as Annual Work Plan development, Strategic Planning Session, and meetings would not qualify as training. Training should be educational and enhance a Directors ability to serve the SWCD and the public.

**Topic must be identified in the Board Members' Training Plan(s).*

Board Member	Date	Training Topic / Course Name
Gregg Torrey	10/23/2014	District Director Education
Dennis Phelps	10/23/2014	District Director Education
Rochelle Stein	08/12/2014	Training Module 1 - The Basics- PP presentation

Board Member	Date	Training Topic / Course Name
Marirose Ethington	08/12/2014	Training Module 1-The Basics- PP presentation
Tadeus Konieczka	08/12/2014	Training Module 1-The Basics- PP presentation
Vacant		
Vacant		

Suffolk – 2014 PM Evaluation Summary Report

Please provide one completed training topic for each Board Member. The training topic must be discernible as an educational course. Time spent on duties and oversight of the District such as Annual Work Plan development, Strategic Planning Session, and meetings would not qualify as training. Training should be educational and enhance a Directors ability to serve the SWCD and the public.

**Topic must be identified in the Board Members' Training Plan(s).*

Board Member	Date	Training Topic / Course Name
George Proios	01/29/2014	The History and Future of Conservation Districts
Joseph Gergela	09/08/2014	Conservation Districts in New York
Philip Schmitt	11/17/2014	Conservation Districts in New York
Legislator Albert Krupski, Jr.	11/07/2014	Partners in Conservation
Legislator Sarah Anker	07/10/2015	District Directors Responsibilities
Vacant		
Vacant		

Part C – Project/Activity

\$15,460.94 per District that achieved all four PM

Must complete conservation project/activity with funds in 2015

Part C Project/Activity Categories

- Conserve soil and water resources
- Improve water quality
- Control & prevent soil erosion
- Prevent floodwater & sediment damages
- Further the conservation, development, utilization, & disposal of water
- Preserve natural resources
- Control & abate NPS of water pollution
- Assist in the control of floods
- Assist in the drainage & irrigation of agricultural lands
- Prevent impairment of dams & reservoirs
- Assist in maintaining the navigability of rivers & harbors
- Preserve wildlife
- Protect the tax base
- Protect public lands
- Protect and promote the health, safety, and general welfare of the people of this state

Number of Projects completed with Part C funds	
CY	# of Projects
2007	57
2008	57
2009	57
2010	57
2011	57
2012	91
2013	0
2014	0
Total	376

2015/2016 State Aid to Districts

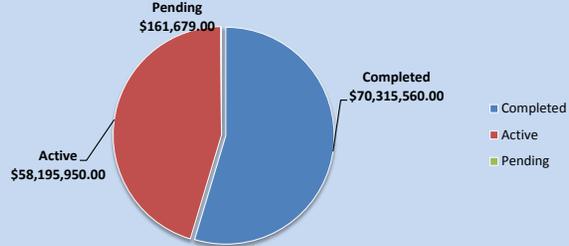
Total State Aid
\$5.275 M

Ag Climate Adaptation Program	\$ 500,000	
Part A - est. based on 2014	\$ 3,562,210	
Part B - fully funded	\$ 372,000	Est. Per District
Part C – est. based on balance	\$ 840,790	\$ 14,496.37
Total	\$ 5,275,000	\$ 80,496.37

**Contract Status - All Rounds
Numbers - April 2015**

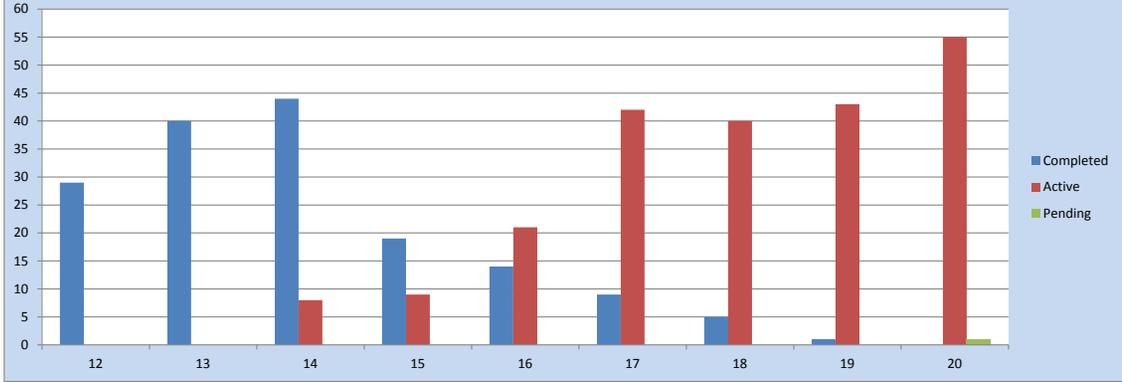


**Contract Status - All Rounds
Funds April 2015**



Activity	Number	Funds
Completed	531	\$70,315,560.00
Active	218	\$58,195,950.00
Pending	1	\$161,679.00
Cancelled	27	\$0.00
	777	\$128,673,189.00

**Contract Status Rounds 11-20
April 2015**



Funding Summary - Rounds 12-20

Round	Completed	Funds	Active	Active Funds	Pending	Pending Funds
12	29	\$3,751,784.00	0	\$0.00	0	\$0.00
13	40	\$7,557,565.00	0	\$0.00	0	\$0.00
14	44	\$9,266,133.00	8	\$2,669,087.00	0	\$0.00
15	19	\$4,007,480.00	9	\$2,921,312.00	0	\$0.00
16	14	\$2,498,678.00	21	\$6,332,672.00	0	\$0.00
17	9	\$1,077,814.00	42	\$10,374,780.00	0	\$0.00
18	5	\$1,598,290.00	40	\$10,071,018.00	0	\$0.00
19	1	\$329,560.00	43	\$12,301,013.05	0	\$0.00
20	0	\$0.00	55	\$13,526,066.00	1	\$161,679.00
	161	\$30,087,304.00	218	\$58,195,948.05	1	\$161,679.00

Waste Storage and Transfer System – Under Barn Manure Storage

Cost Share Policy

Definition

An under barn manure storage is a combined livestock housing and agricultural waste management system. Livestock are housed directly above an agricultural waste storage pit; the manure falls passively through openings between slats in the floor. This creates efficiencies in the system, as manure does not have to be transported from a barn or heavy use area to a manure storage facility, and it can be pumped or otherwise transported from the storage to be spread.

Policy

This system is not eligible for cost share or landowner match.

Housing livestock directly above manure storage presents management concerns, including about herd health. Liquid manure storages emit gasses which can be toxic to cattle; breathing the air directly above the manure storage can negatively impact herd health. It can prove difficult to effectively circulate air within the barn to mitigate these issues, especially during the cold winter months when the manure is being held for long periods of time. In addition, the barn structure can make it difficult for the manure to be properly agitated, causing a buildup of dry manure that can disrupt the effectiveness of the system as a whole. Both of these management concerns could lead the farmer to abandon the system, not use it as planned, or modify it in such a way that the water quality benefits would be compromised. While these systems are currently relatively unpopular, allowing them to be eligible for cost share could have the unintended consequence of making them more desirable, setting the state up for water quality issues down the road.

There are also administrative concerns with regard to allowing the manure storage component to be funded but limiting other aspects of the project (as would be the case in policy options 1 and 2). Contractors often do not itemize each component of the construction, so it would be difficult to track which costs were incurred that are eligible for match, cost share, or none of the above. The staff capacity of the State Committee varies with State fiscal cycles among other factors, and even if such a policy could be enforced now, it is impractical to set up such administrative burdens for the future.

The State Committee values its role and the Districts' roles as conservation organizations, and enjoys its reputation across the state as a strong promoter of agricultural conservation. Other organizations work on agricultural economic development concerns, and the Committee seeks to stay true to its mission and stay out of that arena. Even though there are water quality benefits to the manure storage, the perception that any District is building barns for farmers is to be avoided.

Therefore, due a combination of factors including concerns about the management requirements and overall feasibility of this system, concerns about the administrative load of dividing the various cost share/land owner match/ineligible components, and to prevent the perception that the AgNPS Program funds barns for livestock, this system will not be funded through the Agricultural Non-Point Source Program.

**SALE OF TREES AND SHRUBS BY SOIL AND WATER CONSERVATION
DISTRICTS IN NEW YORK**

POLICY STATEMENT

OF THE

NEW YORK STATE SOIL AND WATER CONSERVATION COMMITTEE

ADOPTED AT THE APRIL 21, 2015

STATE COMMITTEE MEETING

1. Soil and Water Conservation Districts (SWCDs) will not include the sale of balled and burlapped or containerized nursery vegetative materials as part of their local programs and will limit their sales of nursery trees and shrubs to bare-root stock.
2. In selling nursery vegetative materials, SWCDs shall make available varieties that will assist land occupiers within the SWCD to carry on operations upon their lands for the effective conservation and utilization of soil and water resources, prevention and control of soil erosion, prevention of floodwater and sediment damages, for the control and abatement of nonpoint sources of water pollution and for wildlife habitat and conservation purposes.
3. SWCDs are encouraged to promote the use of native species in their programs.
4. SWCDs shall adopt as operating principle and to the best of their ability implement recommendations of the New York State Office of Invasive Species Coordination. Additionally, in 2012 (revised 2013), the New York State Office of Invasive Species Coordination released a list entitled, "Invasiveness Assessment Scores and Ranks for 183 Nonnative Plant Species in NYS". With the acknowledgement of this list by the New York State Soil and Water Conservation Committee, Districts shall take appropriate steps not to use, sell, or promote the use of the species ranked as Moderate or Higher on this list.

Invasiveness Assessment Scores and Ranks for 183 Nonnative Plant Species in NYS

Assessments by the Brooklyn Botanic Garden

Reviewed by the Scientific Review Committee of the Long Island Invasive Species Management Area
(LIISMA SRC)

Funded by The Nature Conservancy

Submitted to the New York State Office of Invasive Species Coordination

March 2013

VH (Very High) and H (High) Invasiveness Ranks = Recommend Do Not Sell

M (Moderately invasive) = Recommend agencies do not plant and remove if found, especially in natural areas

L=Low; I=Insignificant; U=Unknown; NA=Not Assessable (Not persistent outside of cultivation)

Species assessments are available on <http://nyis.info/?action=israt>

SCIENTIFIC NAME WITH AUTHORSHIP AND SYNONYMS	COMMON NAME	NYS RANK	REL MAX SCORE	PRESENT IN NATURAL AREAS IN NYS?
<i>Acer ginnala</i> Maxim.	Amur maple	M	66.22	yes
<i>Acer palmatum</i> Thunb.	Japanese maple	M	50.00	yes
<i>Acer platanoides</i> L.	Norway maple	VH	82.00	yes
<i>Acer pseudoplatanus</i> L.	sycamore maple	H	71.11	yes
<i>Achyranthes japonica</i> (Miq.) Nakai	Japanese chaff flower	H	71.08	no
<i>Aegopodium podagraria</i> L.	goutweed	M	63.75	yes
<i>Agrostis gigantea</i> Roth	redtop, black bentgrass	M	67.50	yes
<i>Agrostis stolonifera</i> L. (<i>A. stolonifera</i> ssp. <i>gigantea</i>)	creeping bentgrass	M	67.50	yes
<i>Ailanthus altissima</i> (Miller) Swingle	tree-of-Heaven, ailanthus	M	68.00	yes
<i>Akebia quinata</i> (Houtt.) Dcne.	chocolate vine	M	52.38	yes
<i>Albizia julibrissin</i> Durazz.	silk tree	L	40.00	yes
<i>Alliaria petiolata</i> (Bieb.) Cavara & Grande	garlic mustard	VH	84.00	yes
<i>Alnus glutinosa</i> (L.) Gaertner	European(black) alder	M	64.44	yes
<i>Ampelopsis brevipedunculata</i> (Maxim.) Trautv.	porcelain berry	H	71.26	yes
<i>Anthriscus sylvestris</i> (L.) Hoffmann	wild chervil	H	78.75	yes
<i>Aralia elata</i> (Miq.) Seem.	Japanese angelica tree	VH	80.46	yes
<i>Artemisia vulgaris</i> L. var. <i>vulgaris</i>	mugwort, common wormwood	H	79.31	yes
<i>Arthraxon hispidus</i> (Thunberg) Makino	arthraxon	H	75.68	yes
<i>Arundinaria gigantea</i> (Walt.) Muhl. (including ssp. <i>giantea</i> and	bamboo, canebreak, giant cane	NA	59.74	yes
<i>Berberis thunbergii</i> de Candolle (includes all hybrids with other <i>Berberis</i> species)	Japanese barberry	VH	91.00	yes
<i>Berberis vulgaris</i> L.	common barberry	M	68.75	yes
<i>Brachypodium sylvaticum</i> (Huds.) P. Beauv. ssp. <i>sylvaticum</i>	slender false brome	VH	86.60	Yes
<i>Bromus tectorum</i> L.	cheat grass	M	50.00	yes
<i>Buddleja davidii</i> Franch.	orange-eye Butterfly-bush	L	45.45	yes
<i>Butomus umbellatus</i> L.	flowering rush	M	63.75	yes
<i>Cabomba caroliniana</i> A. Gray, Ann	fanwort, Carolina water-shield	H	72.34	yes
<i>Callitriche stagnalis</i> Scop.	pond water starwort	L	48.75	yes
<i>Caragana arborescens</i> Lam.	Siberian peashrub	U	--	no
<i>Cardamine impatiens</i> L.	narrowleaf bittercress	H	76.32	yes
<i>Carex kobomugi</i> Ohwi	Japanese sedge, Asiatic sand sedge	M	68.60	no
<i>Caulerpa taxifolia</i> (Vahl) C. Agardh	killer alga	NA	--	no
<i>Celastrus orbiculatus</i> Thunberg	Oriental bittersweet	VH	86.67	yes
<i>Centaurea jacea</i> s.l. (<i>C. nigra</i> , <i>C. nigrescens</i> , <i>C. xmoncktonii</i>)	black knapweed, black star-thistle, tyrol	M	62.34	yes
<i>Centaurea stoebe</i> ssp. <i>micranthos</i> s.l. (<i>C. biebersteinii</i> , <i>C.</i> <i>diffusa</i> , <i>C. maculosa</i> misapplied, <i>C. xpsammogena</i>)	spotted knapweed, spotted star-thistle	H	78.89	yes

SCIENTIFIC NAME WITH AUTHORSHIP AND SYNONYMS	COMMON NAME	NYS RANK	REL MAX SCORE	PRESENT IN NATURAL AREAS IN NYS?
<i>Cirsium arvense</i> (L.) Scop. (C. setosum, C. incanum, Carduus arvensis, Serratula arvensis)	Canada thistle	H	71.00	yes
<i>Cirsium palustre</i> (L.) Scop (Carduus palustris)	marsh thistle, European swamp thistle	M	67.90	yes
<i>Clematis terniflora</i> de Candolle	Japanese virgin's bower; yam-leaf clematis	H	72.60	yes
<i>Coronilla varia</i> L. Coronilla varia (Securigera varia)	crown vetch	M	62.07	yes
<i>Cynanchum louiseae</i> Kartsch & Gandhi (C. nigrum,	black Swallow-wort	VH	89.69	yes
<i>Cynanchum rossicum</i> (Kleop.) Borh. (C. medium, Vincetoxicum medium, V.rossicum)	pale Swallow-wort	VH	87.63	yes
<i>Cyperus difformis</i> L.	variable flatsedge	M	51.95	yes
<i>Datura stramonium</i> L.	jimsonweed, common thorn-apple, Jamestown	M	50.00	yes
<i>Digitalis lanata</i> Ehrh.	Grecian foxglove	I	36.78	yes
<i>Digitalis purpurea</i> L.	purple foxglove	M	53.33	yes
<i>Dioscorea polystachya</i> Turczaninow (D. batatas)	Chinese yam; cinnamon vine	H	77.50	yes
<i>Dipsacus laciniatus</i> L.	cut-leaf Teasel	H	75.56	yes
<i>Egeria densa</i> Planchon	Brazilian waterweed	H	74.71	yes
<i>Eichornia crassipes</i> (Martius) Solms-Laubach	common water-hyacinth	NA	--	no
<i>Elaeagnus angustifolia</i> L.	Russian olive	M	68.00	yes
<i>Elaeagnus umbellata</i> Thunberg	autumn olive	VH	94.00	yes
<i>Eleutherococcus pentaphyllus</i> (Siebold & Zucc.) Nakai	five-leaved aralia	NA	--	no
<i>Epilobium hirsutum</i> L.	hairy willow herb; codlins & cream	M	62.50	yes
<i>Eragrostis curvula</i> (Schrader) Nees von Esenbeck	weeping lovegrass	M	57.14	yes
<i>Euonymus alatus</i> (Thunberg) Siebold	winged euonymus	VH	81.25	yes
<i>Euonymus europaeus</i> L.	European spindletree	M	60.00	yes
<i>Euonymus fortunei</i> (Turcz.) Hand. var. radicans (Siebold ex	winter creeper	H	77.78	yes
<i>Euphorbia cyparissias</i> L.	cypress spurge	H	75.32	yes
<i>Euphorbia esula</i> L.	leafy spurge	H	75.90	yes
<i>Euphorbia lathyris</i> L.	caper spurge	M	56.98	yes
<i>Fallopia baldschuanica</i> (Regel) Holub (F. aubertii; Polygonum	China fleece vine; silver lace vine	M	50.60	yes
<i>Fallopia japonica</i> (Hout.) Dcne. var. <i>japonica</i> (F. sachalinensis/ xbohemica)(<i>Polygonum cuspidatum</i>	Japanese knotweed, giant knotweed	VH	97.94	yes
<i>Festuca filiformis</i> Pourret (F. brachyphylla, F. capillata, F. tenuifolia, F. ovina ssp. tenuifolia, F. ovina var. capillata/tenuifolia)	hair fescue; fineleaf sheep fescue	M	60.27	yes
<i>Frangula alnus</i> P. Mill. (<i>Rhamnus frangula</i>)	smooth buckthorn	H	72.73	yes
<i>Froelichia gracilis</i> (Hooker) Moq.	slender cottonweed	M	53.25	yes
<i>Galega officinalis</i> L.	professor Weed; Goat's rue	M	59.72	yes
<i>Galium odoratum</i> (L.) Scop. (<i>Asperula odorata</i> L.)	sweet bedstraw (woodruff)	L	47.78	yes
<i>Glaucium flavum</i> Crantz	yellow hornpoppy	M	65.75	yes
<i>Glossostigma cleistanthum</i> (G. diandrum (L.) Kunze)	mudmats	I	34.88	no
<i>Glyceria maxima</i> (Hartman) Holmberg	tall Glyceria, English Watergrass, Reed	H	79.52	no
<i>Hedera helix</i> L.	English ivy	M	66.00	yes
<i>Hemerocallis fulva</i> (L.) L.	day lily	L	46.25	yes
<i>Heraclium mantegazzianum</i> Sommier & Levier	giant hogweed	H	72.00	yes
<i>Hesperis matronalis</i> L.	dame's rocket	M	56.98	yes
<i>Hordeum murinum</i> L. ssp. leporinum (Link) Arcang.	leporinum barley	NA	--	no
<i>Humulus japonicus</i> Sieb. & Zucc.	Japanese hops	H	74.03	yes
<i>Hydrilla verticillata</i> (L. f.) Royle	water thyme	VH	91.40	yes
<i>Hydrocharis morsus-ranae</i> L.	frogbit	VH	85.57	yes

SCIENTIFIC NAME WITH AUTHORSHIP AND SYNONYMS	COMMON NAME	NYS RANK	REL MAX SCORE	PRESENT IN NATURAL AREAS IN NYS?
<i>Hypericum perforatum</i> L.	St. John's Wort	L	46.75	yes
<i>Ilex crenata</i> Thunb.	Japanese holly	L	46.67	yes
<i>Impatiens glandulifera</i> Royle	ornamental jewelweed	M	66.67	yes
<i>Imperata cylindrica</i> (L.) P. Beauv. (<i>I. arundinacea</i> , <i>Lagurus</i>)	cogon grass	H	79.00	no
<i>Iris pseudacorus</i> L.	yellow iris	H	76.00	yes
<i>Kochia scoparia</i> (L.) Schrader ssp. <i>scoparia</i>	Mexican Summer-cypress	M	68.75	yes
<i>Lepidium latifolium</i> L.	broad-leaf Pepper-grass	H	79.38	yes
<i>Lespedeza bicolor</i> Turcz.	shrubby bush clover	M	63.33	yes
<i>Lespedeza cuneata</i> (Dum.-Cours.) G. Don	Chinese lespedeza	H	74.44	yes
<i>Ligustrum amurense</i> Caar.	Amur privet	NA	--	no
<i>Ligustrum obtusifolium</i> Siebold & Zuccarini	border privet	H	76.67	yes
<i>Ligustrum ovalifolium</i> Hassk.	California privet	L	44.83	yes
<i>Ligustrum sinense</i> Lour	Chinese privet	NA	--	no
<i>Ligustrum vulgare</i> L.	European privet	M	67.82	yes
<i>Lobelia chinensis</i> Lour.	Chinese lobelia	I	36.99	no
<i>Lonicera japonica</i> Thunberg	Japanese honeysuckle	VH	83.51	yes
<i>Lonicera maackii</i> (Rupr.) Maxim.	Amur honeysuckle	VH	84.44	yes
<i>Lonicera morrowii</i> A. Gray (including <i>L. tatarica</i> ; <i>L. xbella</i>)	morrow's honeysuckle	VH	85.54	yes
<i>Lonicera xylosteum</i> L.	European fly honeysuckle	U	--	yes
<i>Lotus corniculatus</i> L.	bird's Foot Trefoil	M	59.00	yes
<i>Ludwigia grandiflora</i> (Michx.) Greuter & Burdet ssp.	Uruguayan primrose willow	VH	88.30	yes
<i>Ludwigia peploides</i> (Kunth) Raven ssp. <i>glabrescens</i> (Kuntze) Raven	floating primrose willow	VH	89.36	yes
<i>Lysimachia clethroides</i> Duby	gooseneck yellow loosestrife	NA	--	no
<i>Lysimachia nummularia</i> L.	moneywort	M	64.29	yes
<i>Lysimachia punctata</i> L. var. <i>verticillata</i> (Bieb.) Klatt	spotted Loosestrife	M	57.14	yes
<i>Lysimachia vulgaris</i> L.	garden loosestrife	H	72.73	yes
<i>Lythrum salicaria</i> L.	purple loosestrife	VH	91.00	yes
<i>Marsilea quadrifolia</i> L.	European water fern	U	--	yes
<i>Microstegium vimineum</i> (Trinius) A. Camus	Japanese stilt grass	VH	85.00	yes
<i>Miscanthus sacchariflorus</i> (Maxim.) Hack.	Japanese silvergrass	NA	--	no
<i>Miscanthus sinensis</i> Anderss.	Chinese silver grass; eulalia	H	77.78	yes
<i>Morus alba</i> L.	white mulberry	M	68.67	yes
<i>Murdannia keisak</i> (Hassk.) Hand.-Maz.	marsh dewflower, wart-removing herb	H	78.16	no
<i>Myosotis scorpioides</i> L.	true forget-me-not	U	--	yes
<i>Myriophyllum aquaticum</i> (Vellozo) Verdcourt	parrot-feather	H	76.67	yes
<i>Myriophyllum heterophyllum</i> Michx. (<i>includes X pinnatum</i>)	broadleaf water-milfoil	VH	93.62	yes
<i>Myriophyllum spicatum</i> L.	Eurasian water-milfoil	VH	100.00	yes
<i>Najas minor</i> Allioni	brittle water nymph	M	64.84	yes
<i>Nasturtium officinale</i> R. Br. ex Aiton (<i>Rorippa nasturtium-</i> <i>Nelumbo nucifera</i> Gaertner)	watercress	M	65.75	yes
	sacred lotus	M	64.38	yes
<i>Nymphoides peltata</i> (Walt. ex Gmel.) Kuntze	yellow floating heart	H	74.47	yes
<i>Oplismenus hirtellus</i> (L.) P. Beauv. ssp. <i>undulatifolius</i> (Ard.) U.	wavyleaf basketgrass	H	70.27	no
<i>Paulownia tomentosa</i> (Thunberg) Siebold & Zuccarini ex Steudel	princess tree	M	51.11	yes
<i>Persicaria longiseta</i> (Brujin) Kitagawa (<i>Polygonum</i> <i>caespitosum</i> var. <i>longiseta</i>)	creeping smartweed	M	60.27	yes

SCIENTIFIC NAME WITH AUTHORSHIP AND SYNONYMS	COMMON NAME	NYS RANK	REL MAX SCORE	PRESENT IN NATURAL AREAS IN NYS?
<i>Persicaria nepalensis</i> (Meisn.) H. Gross (=Polygonum nepalens)	Nepal smartweed	U	--	yes
<i>Persicaria perfoliata</i> (L.) H. Gross (<i>Polygonum perfoliatum</i>)	mile a minute weed	VH	91.11	yes
<i>Phalaris arundinacea</i> L. (Eurasian genotype)	reed canary-grass	H	77.78	yes
<i>Phellodendron amurense</i> Rupr./ <i>P. japonicum</i> Maxim.	Amur cork tree	H	74.00	yes
<i>Phleum pratense</i> L.	timothy	M	63.75	yes
<i>Phragmites australis</i> (Cav.) Trin. ex Steud. ssp. Australis	common reed grass (subsp. Indicates	VH	92.00	yes
<i>Phyllostachys aureosulcata</i> -and- <i>P. aurea</i> [§]	yellow groove bamboo and golden bamboo	NA	(71.43 [§])	no
<i>Pinellia ternata</i> (Thunb.) Makino ex Breitenbach	crowdipper, green dragon	I	39.73	yes
<i>Pinus thunbergii</i> Parl.	Japanese black pine	M	58.62	yes
<i>Pistia stratiotes</i> L.	water lettuce	NA	--	no
<i>Poa bulbosa</i> L.	bulbous bluegrass	L	48.75	yes
<i>Poa compressa</i> L.	Canada Bluegrass	M	68.75	yes
<i>Poa pratensis</i> L.	Kentucky bluegrass	M	67.78	yes
<i>Populus alba</i> L.	white Poplar	M	55.95	yes
<i>Potamogeton crispus</i> L.	curly pondweed	H	79.79	yes
<i>Prunus avium</i> L.	sweet cherry	M	55.00	yes
<i>Prunus cerasus</i> L.	sour red cherry	M	55.00	yes
<i>Prunus padus</i> L.	European Bird Cherry	M	51.11	yes
<i>Pseudosasa japonica</i> (Siebold & Zucc. ex Steud.) Makino ex	arrow bamboo	NA	55.17	no
<i>Pueraria montana</i> (Lour.) Merr. var. lobata (Willdenow)	kudzu	VH	84.44	yes
<i>Pyrus calleryana</i> Decne.	Bradford Pear	M	65.06	yes
<i>Ranunculus ficaria</i> L. var. bulbifera Marsden-Jones	lesser celandine	VH	85.56	yes
<i>Ranunculus repens</i> L.	creeping buttercup	M	63.22	yes
<i>Rhamnus cathartica</i> L.	common buckthorn	VH	81.00	yes
<i>Rhodotypos scandens</i> (Thunberg) Makino	jetbead	M	69.33	yes
<i>Robinia hispida</i> L. (var. fertilis & hispida)	bristly locust	L	48.28	yes
<i>Robinia pseudoacacia</i> L.	black locust	VH	81.11	yes
<i>Rorippa amphibia</i> (L.) Besser (<i>Nasturtium amphibia</i> (L.) W.T.	water yellowcress; great yellowcress	U	--	yes
<i>Rosa multiflora</i> Thunberg	multiflora rose	VH	89.00	yes
<i>Rosa rugosa</i> Thunberg	Japanese (rugosa) rose	M	63.44	yes
<i>Rubus bifrons</i> Vest. ex Tratt. (<i>R. armeniacus</i> Focke; <i>R.</i>	Himalyan blackberry usda.plants.gov	M	56.67	yes
<i>Rubus laciniatus</i> Willdenow	evergreen Blackberry	M	63.22	yes
<i>Rubus phoenicolasius</i> Maxim.	wineberry	VH	85.56	yes
<i>Rumex acetosella</i> L. ssp. <i>pyrenaicus</i> (Pourret ex Lapeyr.)	sheep sorrel	M	66.25	yes
<i>Salix atrocinerea</i> Brotero	gray florist's willow	VH	84.44	yes
<i>Salvinia molesta</i> Mitchell	water fern	NA	--	no
<i>Saponaria officinalis</i> L.	bouncing-bet	M	52.50	yes
<i>Schedonorus arundinaceus</i> (Schreb.) Dumort (<i>Lolium</i>	tall fescue, Kentucky fescue, Reed Fescue,	M	65.00	yes

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<i>Senecio jacobaea</i> L.	tansy ragwort	M	60.00	yes
<i>Silphium perfoliatum</i> L. var. <i>perfoliatum</i>	cup-plant	H	77.78	yes
<i>Solanum dulcamara</i> L. var. <i>dulcamara</i>	trailing nightshade	M	50.52	yes
<i>Sorbaria sorbifolia</i> (L.) A. Braun	false spirea	U	--	yes
<i>Spiraea japonica</i> L. f.	Japanese spirea	M	62.34	yes
<i>Stratiotes aloides</i> L.	water soldiers	NA	--	no
<i>Syringa reticulata</i> (Blume) H.Hara[(=S. amurensis (Rupr.) Rupr	tree lilac	U	--	no
<i>Tanacetum vulgare</i> L.	common tansy	M	52.38	yes
<i>Trapa natans</i> L.	water chestnut	VH	82.00	yes
<i>Tussilago farfara</i> L.	coltsfoot	M	57.50	yes
<i>Ulmus pumila</i> L.	Siberian elm	M	52.50	yes
<i>Valeriana officinalis</i> L.	common Valerian	M	62.16	yes
<i>Verbena bonariensis</i> L. var. <i>bonariensis</i>	purpletop vervain	NA	--	no
<i>Veronica beccabunga</i> L.	European Speedwell	M	61.84	yes
<i>Veronica officinalis</i> L.	speedwell, gypsy-weed	M	51.95	yes
<i>Viburnum dilatatum</i> Thunb.	linden arrowwood	M	57.14	yes
<i>Viburnum lantana</i> L.	wayfaring-tree	M	53.75	yes
<i>Viburnum opulus</i> var. <i>opulus</i> (nonnative variety)	European Cranberry Bush	M	67.09	yes
<i>Viburnum setigerum</i> Hance	tea viburnum	L	41.25	yes
<i>Viburnum sieboldii</i> Miq.	siebold Viburnum	M	62.50	yes
<i>Vicia cracca</i> L. s.l.	cow vetch	M	54.44	yes
<i>Vinca minor</i> L.	periwinkle	M	57.14	yes
<i>Vitex rotundifolia</i> L. f.	beach vitex; roundleaf chastetree	H	73.00	no
<i>Wisteria sinensis</i> (Sims) Sweet/ <i>W. floribunda</i> (Willdenow) DC.	Chinese wisteria	M	56.70	yes

§Phyllostachys aureosulcata and P. aurea do not appear to escape cultivation and establish new occurrences in natural/minimally managed areas; hence species are ranked "Not Assessable." The Relative Maximum Score is retained to document the significant impacts this species may have in natural and cultivated areas resulting from aggressive vegetative spread.

VH species = 32
#H species = 37
M species = 76
L species= 11
I species = 4
NA species = 15
U species = 8
SUM = 183