

April 27, 2009

NATIONAL HANDBOOK OF CONSERVATION PRACTICES – NEW YORK

NOTICE 129

This notice transmits changes to conservation practices in Section IV of the Field Office Technical Guide (FOTG). The table below indicates the practices affected and the corresponding actions for deletions and additions.

<u>Standards <i>deleted</i></u>	<u>No.</u>	<u>DATE</u>	<u>New York Standards <i>added</i></u>	<u>No.</u>	<u>DATE</u>
Filter Strip	393	10/2003	Filter Strip	393	04/2009
Hillside Ditch	423	07/2002	Access Control	472	04/2009
Use Exclusion	472	04/2005	Vegetated Treatment Area	635	04/2009
Wastewater Treatment Strip	635	04/2002	Constructed wetland	656	04/2009
Constructed wetland	656	08/2000	Residue Management, Seasonal	344	04/2009
Residue Management, Seasonal	344	11/2002	Grassed Waterway	412	04/2009
Grassed Waterway	412	02/2000	Mulching	484	04/2009
Mulching	484	07/2002	Drainage Water Management	554	04/2009
Drainage water Management	554	09/2001	Stripcropping	585	04/2009
Stripcropping	585	07/2002	Cross Wind Ridges	588	04/2009
Cross Wind Ridges	589A	07/2002	Terrace	600	04/2009
Terrace	600	07/2002	Underground Outlet	620	04/2009
Underground Outlet	620	03/2001	Water and Sediment Control Basin	638	04/2009
Water and Sediment Control Basin	638	04/2002			

The New York Conservation Practice Standards Committee, in consultation with partner agencies including the New York State (NYS) - Soil and Water Conservation Committee, NYS-Department of Environmental Conservation, Cornell University, and others has developed New York Conservation Practice Standards. These conservation practice standards meet the local conditions for use in New York.

FILING INSTRUCTIONS

It is the policy of NRCS in New York to use the eFOTG website as the official reference for current FOTG content. Out of date documents are archived in the State Office. For offices maintaining a hardcopy of the National Handbook of Conservation Practices (NHCP) file this notice in numerical order in the front of the NHCP. File the practice standards in alphabetical order. Please contact the State Resource Conservationist, or Richard Martin, Resource Conservationist if you have any questions about this notice.

PAUL W. WEBB
State Resource Conservationist

Distribution: All Office

Attachment

Standard Name and Number	Standard Section	Comments
Filter Strip (393)	Criteria Considerations References	<p>Separated last sentence</p> <p>Added:</p> <p>“A Conservation Management System (CMS) will be planned and applied to the contributing area to control Sheet and Rill Erosion prior to installation of the Filter Strip. Soil loss will meet acceptable levels based on the objectives of the conservation plan. Filter strip width may need to be increased where flooding/saturated soil occurs to assure functionality in the leading edge of the filter strip.”</p> <p>Added the following reference:</p> <p>Widman, N. Using RUSLE2 for Design and Predicted Effectiveness of Vegetative Filter Strips (VFS) for Sediment. Agronomy Technical Note NO. 2 http://policy.nrcs.usda.gov/media/pdf/TN_SQA_20_a.pdf</p>
Grassed Waterway (412)	Criteria	Added a Sediment and Erosion Control Statement
Mulching (484)	Criteria	Added a Sediment and Erosion Control Statement
Underground Outlet (620)	Criteria - Stabilization Operation and Maintenance	<p>Added:</p> <p>Grade all disturbed areas so they blend with the surrounding land features and conditions. Vegetate or otherwise protect from erosion, disturbed areas that will not be farmed, as soon as possible after construction.</p> <p>Added:</p> <p>Maintain all applicable setback recommendations for manure spreading, pesticide and fertilizer applications to assure contaminants do not enter surface inlet. Erosion and sediment control structures will be maintained periodically and after every major runoff event until the disturbed area is fully protected.</p>
Vegetated Treatment Area (635)	Criteria Additional Criteria Considerations Operation and Maintenance	<p>Evaluate the site for nitrogen leaching using the Nitrogen Leaching Index.</p> <p>Evaluate the site for phosphorus loading using the Morgan P soil test procedure or equivalent.</p> <p>Added an Erosion and Sediment Control statement.</p> <p>Added:</p> <ul style="list-style-type: none"> • Runoff from Concentrated Livestock Areas • Treatment of Milking Center Wastes • Treatment of Bunk Silo Leachate • Treatment of Compost Pad Runoff • Treatment of Calf Hutch Area Runoff <p>Added considerations for locating a Vegetated Treatment Area (VTA)</p> <p>Added the following:</p> <ul style="list-style-type: none"> • Soil test every 3 years and evaluate the P level in the

	References	lower 1/3 of the VTA to the full extent of the root zone (12 inches) instead of every 5 years. Added the following: EPA Process Design Manual “Land Treatment of Municipal Wastewater” October 1981 Wright, P.E., L.D. Geohring and S.F. Inglis, 2005. Effectiveness of low flow collection of silage leachate and vegetative filter area for CAFO farms. Final project for EPA sponsor agreement X-982586-00, Biological and Environmental Engineering Department, Cornell University, Ithaca, NY. 36 Faalkner, J.W., W. Zhang, and L.D. Geohring. 2007. Evaluating vegetative filter areas for treating agricultural wastewaters. ASABE Paper #07-2243, ASABE, St. Joseph, MI. Kim, Y.J., L.D. Geohring, J.H. Jeon, A.S. Collick, S.K. Giri, and T.S. Steenhuis. 2006. Evaluation of the effectiveness of vegetative filter strips for phosphorus removal with the use of a tracer. Journal of Soil and Water Conservation 61(5);293-302. The New York Nitrate Leaching Index http://nmsp.css.cornell.edu/publications/nleachingindex.pdf
Water and Sediment Control Basin (638)	Criteria References	In the Vegetation subsection the Mulching Standard (484) is referred to for use. Added an Erosion and Sediment Control statement. Added a reference to the National Engineering Handbook Part 650, Engineering Field Handbook Chapter 11.