

**Primary Management Actions and 2006 Habitat Prospects for
DU -- M.A.R.S.H. Projects
Managed by the Kentucky Department of Fish and Wildlife Resources**

Project Name	Location	Principal Management Practice	Flood Method	Target Flood-Up Date	2006 Prospects
Towncreek	Westvaco WMA	Moist-Soil	Pump/Well	Begin Oct 1; complete Nov 1.	Good moist-soil conditions. Tremendous population of smartweed throughout area.
Indian Camp	Westvaco WMA	Moist-Soil & Ag (soybeans)	Pump/Well	MSU: Oct 15. Ag: Dec 1.	Moist-soil conditions are fair with corn plantings good/excellent and can be easily flooded with pumped water.
Obion Creek	Obion Creek WMA	Moist-Soil & Ag (soybeans)	Natural Event	Nov 1.	Variable moist-soil conditions throughout WMA. Corn plantings on Schaaf tract good.
Swan Lake	Boatwright WMA	Moist-Soil & Ag (corn, soybeans)	Pump/Well	Begin Oct 1; complete Dec 1.	Ag crops good to excellent moist soil good.
Ballard	Ballard WMA	Moist-Soil & Ag (corn, millet, milo, sunflowers)	Pump	Dec. 1 (Subject to river level.)	Pump currently in repair. Ag crops excellent, moist soil sites good
Goose Pond Ridge	Ballard WMA	Moist-Soil & Ag (corn, soybeans)	Pump	Dec. 1 (Subject to river level.)	Ag crops excellent on site. First year for potential flood up.
West KY	West KY WMA	Moist-Soil – Discd about 6 ac. to set back woody succession.	Natural Event	Oct. 1	Fair moist-soil grasses in lower unit, was sprayed to eliminate woody growth. Upper unit 50% flooded a/o 7/25, plan to fall aerial spray upper unit to eliminate woody growth.
Duck Island I	Barkley Lake WMA	Moist-Soil	Pump/Reservoir	Begin late August; complete Dec. 1.	Residual corn from last year is still standing. New plantings limited and fair.
Duck Island II	Barkley Lake WMA	Moist-Soil & Ag (Japanese millet)	Pump/Reservoir	Begin late September; complete Dec. 1.	With new cross levee, we have already initiated water level manipulations by stockpiling water in the north impoundment. This water can then be used to gravity flood the central impoundment.
Duck Island III	Barkley Lake WMA	Moist Soil & Ag.	Pump/Reservoir	Begin Oct 1 or earlier. Complete by Dec. 1	Moist-soil habitat is excellent again this year. Crop plantings fair at best and spotty due to excessive soil moisture and depredation by resident Canada Geese.
Birdsville Island	Ohio River Islands WMA	Ag (corn, milo)	Natural Event	Oct 15.	Corn plantings are fair/good.
Hardy Slough	Sloughs WMA	Moist-Soil & Ag (sunflowers, pool 1)	Pump/Well	Begin Sept 5; complete Dec 1.	Good habitat conditions and native vegetation. Parts of pools 1 and 2 were renovated for improved vegetations. Parts of pools 3 & 4 need renovations the next dry summer.
Alves Tract	Sloughs WMA	Moist-Soil & Ag (corn)	Pump/Well	Begin Oct 15; complete Dec 1.	Good crop conditions
Crenshaw Tract	Sloughs WMA	Ag (corn & soybeans)	Pump/Well	Begin Oct 15; complete Dec 1.	Good crop conditions

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Calvert Springs	Barren River WMA	Moist Soil & Ag	Spring	Begin Oct 15; complete Dec 1.	Good/Excellent agricultural crops in corn Good MSU plants around the edges.
Copperbelly	Peabody WMA	Moist Soil	Lake siphon	Begin Oct 15; complete Dec 1.	Moist soil plant growth is excellent. The levees on both units are currently under repair, and will be ready for flooding in October.
Yellowbank	Yellowbank WMA	Moist-Soil & Ag. Crops (buckwheat and millet)	Pump/Reservoir	Begin Oct. 15; complete Nov. 15	Above average rainfalls have developed good to excellent natural foods to flood this year. The pumping area also has good to excellent natural production along with 10 ac planted millet to flood.
Clear Creek	Clear Creek WMA	Naturally flooded wetland regions within the Clear Creek Watershed	Naturally flooded wetland basins	NA	Good water conditions. Duck food production currently poor. Efforts to reduce invasive phragmites are will be conducted in sometime in future.
Dragonfly Marsh	Game Farm	Moist-Soil	Natural Event	Oct 15.	Good to excellent moist soil combination of millets, smartweed and sedges.
Marion Marsh	KY River WMA	Moist-Soil & Millet	Natural Event	Oct 15.	Jap millet and milo planted, smartweed and sedges present, switchgrass on levee providing good hunter cover
Taylorsville I	Taylorsville Lake WMA	Moist-Soil	Pump and/or natural events	Begin Oct 15; complete Dec 1 weather permitting.	Fair/Good moist soil vegetation
Taylorsville II	Taylorsville Lake WMA	Moist-Soil	Pump and/or natural events	Begin Oct 15; complete Dec 1 weather permitting.	Poor ag crop (Jap millet); good natural vegetation
Green River	Green River WMA	Moist-Soil & Greentree Reservoir	MSU: Pump GTR: Natural Event	Begin Oct 15; complete Dec 1.	Assuming adequate rainfall, pumping of the MSU should be completed as expected and the GTR should fill.
Gem Lake	Blue Grass Army Depot	Moist-Soil	Natural Event	Nov 1.	Good to excellent production of smartweed and sedges.
Wesley Bend	Lake Cumberland WMA	Moist-Soil & Ag. Crop (millet)	Pump/Reservoir	Begin Nov 1; complete Dec 1.	Good to excellent waterfowl food production
Yatesville	Yatesville Lake WMA	Moist-Soil & Marsh	Natural Event	Begin Sept 15; complete Dec. 15	Good growth of natural vegetation with a diverse community of moist soil plant growth.
Cyprus Coal	Cyprus-Amax WMA	Nesting island & goose pasture	Permanent Water	N/A.	Permanent water goose use good to excellent.

Note: 'Pump' refers to mechanical flood-up.

'Natural Event' refers to run-off or backwater flooding.

'Flood-Up' dates indicated above are *estimates* and may vary due to weather conditions and/or conflicting staff activities.

'2005 Prospects' are *projections*. Conditions may vary substantial by the time of the actual wintering period