

## Maryland Nutrient Credit Trades to Date, 2-7-2013.

Long Term Contracts							
Buyer	Seller/ Trade Partner	Date of agreement	N Credits (lbs./ year)	Price	P Credits (lbs./ year)	Price	Origin of Credits
North East River Advanced WWTP		7/30/2010	2,674				Connected 248 failing septic systems from Carpenter Point. The additional credits will be added to the current Bay allocation for North East upon completion of the ENR upgrade. (12.2 lbs in Critical Area; 7.5 lbs within 1000 Ft. of perennial stream; 4.6 lbs from all other systems)
CAP MANAGEMENT AND REALLOCATION OF WASTELOAD ALLOCATIONS							
Seneca WWTP	Blue Plains WWTP	8/9/2010	73,093		3,289		<b>Acquire equivalent point source discharge credits from other dischargers – WLA reallocation</b> Seneca WWTP received additional allocation equal to 6 mgd ENR load from Blue Plains WWTP. Blue Plains nitrogen waste load allocation, WLA, reduced to reflect reallocation. Load allocation will be added to Seneca upon ENR upgrade. Pending decrease in Blue Plains TP load.
Western Branch WWTP	Marlboro Meadows WWTP						<b>Acquire equivalent point source discharge credits from other dischargers – WLA reallocation</b> <u>Western Branch</u> – Increase Design Capacity from 30 million gallons per day (mgd) to 30.6 mgd – Connection of Marlboro Meadows WWTP

Annapolis WWTP	Dreams Landing WWTP		490 lbs. N per year			82 lbs. P per year	<b>Acquire equivalent point source discharge credits from other dischargers – WLA reallocation</b> Dreams Landing WWTP shut down, so 95% of load reallocated to Annapolis WWTP, 5% retired.
Boonsboro WWTP							<b>Upgrade minor WWTP to ENR</b> Boonsboro – Expansion from 0.48 mgd to 0.53 mgd – Required ENR Upgrade
North East River Advanced WWTP							<b>Treatment to &lt; 4 mg/l TN at ENR facility</b> Northeast expansion from 2 to 3 million gallons per day– Required TN of 3 mg/l
Patuxent/ Maryland City WWTP's							Bubble Permit– Single permit issued to owners of multiple facilities. Permit contains one nutrient load cap for total nitrogen and total phosphorus. Each WWTP has it's own NPDES permit for all other parameters.

\*Prepared by Bevin A. Buchheister, MD Director Chesapeake Bay Commission, from information obtained by Marya Levelov, MDE, Bay Restoration Water Management Administration, (410) 537-3720, and from information on NPDES permits with trading provisions issued by MDE obtained from Yen-Der Cheng, MDE, Acting Division Chief, Planning Unit. (410) 537-3363.