

**LIS Total Nitrogen Credit Exchange
FUTURE TRADING PROGRAM**

Revised September 17, 2014

2015 COMPARISON/PROJECTION AND 2018 PROJECTION

SELLING Credits				BUYING Credits			
Facility Name	<u>Current</u>		<u>Self-</u>	Facility Name	<u>Current</u>	<u>Self-</u>	<u>Self-</u>
	<u>Trading</u>	<u>Self-Sufficient</u>	<u>Sufficient</u>		<u>Trading</u>	<u>Sufficient</u>	<u>Sufficient</u>
	<u>Program</u>	<u>Program</u>	<u>Program</u>		<u>Program</u>	<u>Program</u>	<u>Program</u>
	<u>2015</u>	<u>2015</u>	<u>2018</u>		<u>2015</u>	<u>2015</u>	<u>2018</u>
	<u>Cost per Eq.</u>	<u>Cost per Eq.</u>	<u>Cost per Eq.</u>		<u>Cost per Eq.</u>	<u>Cost per Eq.</u>	<u>Cost per Eq.</u>
	<u>lbs = \$6.73</u>	<u>= \$4.95</u>	<u>lbs = \$2.13</u>		<u>lbs = \$6.73</u>	<u>lbs = \$6.73</u>	<u>lbs = \$8.08</u>
STAMFORD WPCF	\$1,193,835	\$878,656	\$377,836	HARTFORD WPCF	\$744,304	\$744,304	
NEW HAVEN			\$265,107	WALLINGFORD WPCF	\$233,363	\$233,363	\$280,174
WATERBURY WPCF	\$395,488	\$291,077	\$125,168	WINDSOR POQUONOCK	\$191,603	\$191,603	\$230,038
HARTFORD WPCF			\$109,619	MIDDLETOWN WPCF	\$176,864	\$176,864	
MERIDEN WPCF	\$343,903	\$253,111	\$108,842	BRIDGEPORT EAST WPCF	\$169,495	\$169,495	\$203,495
BRIDGEPORT WEST WPCF	\$255,471	\$188,025	\$80,854	NORWICH WPCF	\$147,387	\$147,387	\$14,746
FAIRFIELD WPCF	\$228,450	\$168,138	\$72,302	NEW HAVEN EAST WPCF	\$144,931	\$144,931	
WEST HAVEN WPCF	\$154,756	\$113,900	\$48,979	MATTABASSETT WPCF	\$142,474	\$142,474	
MATTABASSETT WPCF			\$45,869	EAST HARTFORD WPCF	\$110,540	\$110,540	\$132,714
WESTPORT WPCF	\$125,279	\$92,205	\$39,649	TORRINGTON WPCF	\$76,150	\$76,150	\$32,441
SOUTHINGTON WPCF	\$125,279	\$92,205	\$39,649	VERNON WPCF	\$73,694	\$73,694	\$88,476
NEW CANAAN WPCF	\$95,802	\$70,509	\$30,320	MILFORD HOUSATONIC	\$58,955	\$58,955	\$70,781
STRATFORD WPCF	\$93,345	\$68,702	\$29,543	ROCKY HILL WPCF	\$58,955	\$58,955	
ANSONIA WPCF	\$90,889	\$66,894	\$28,765	BRISTOL WPCF	\$51,585	\$51,585	\$61,933
GREENWICH WPCF	\$88,432	\$65,086	\$27,988	KILLINGLY WPCF	\$51,585	\$51,585	\$61,933
BRANFORD WPCF	\$88,432	\$65,086	\$27,988	FARMINGTON WPCF	\$49,129	\$49,129	\$58,984
SHELTON WPCF	\$73,694	\$54,238	\$23,326	BEACON FALLS WPCF	\$49,129	\$49,129	\$58,984
MANCHESTER WPCF	\$46,673	\$34,351	\$14,771	RIDGEFIELD SOUTH ST.	\$44,216	\$44,216	\$53,086
DANBURY WPCF	\$46,673	\$34,351	\$14,771	STAFFORD SPRINGS WPCF	\$39,303	\$39,303	\$47,187
MILFORD BEAVER BROOK	\$39,303	\$28,927	\$12,439	CANTON WPCF	\$31,934	\$31,934	\$38,340
NEW LONDON WPCF	\$39,303	\$28,927	\$12,439	PLAINFIELD NORTH WPCF	\$24,565	\$24,565	\$29,492
NORWALK WPCF	\$39,303	\$28,927	\$12,439	EAST HAMPTON WPCF	\$22,108	\$22,108	\$26,543
CHESHIRE WPCF	\$29,477	\$21,695	\$9,329	GROTON TOWN WPCF	\$19,654	\$19,654	\$23,594
NEWTOWN WPCF	\$29,477	\$21,695	\$9,329	PLYMOUTH WPCF	\$17,197	\$17,197	\$20,644
MONTVILLE WPCF	\$27,021	\$19,887	\$8,552	NORTH CANAAN WPCF	\$12,282	\$12,282	\$14,746
GLASTONBURY WPCF	\$24,565	\$18,079	\$7,774	SALISBURY WPCF	\$12,282	\$12,282	\$14,746
SIMSBURY WPCF	\$24,565	\$18,079	\$7,774	THOMPSON WPCF	\$9,826	\$9,826	\$11,797
DERBY WPCF	\$24,565	\$18,079	\$7,774	PLAINFIELD VILLAGE WPCF	\$9,826	\$9,826	\$11,797
THOMASTON WPCF	\$14,739	\$10,848	\$4,665	NAUGATUCK TREATMENT	\$7,369	\$7,369	\$8,848
SEYMOUR WPCF	\$14,739	\$10,848	\$4,665	STONINGTON MYSTIC WPCF	\$4,913	\$4,913	\$5,898
ENFIELD WPCF	\$12,282	\$9,040	\$3,887	WINSTED WPCF	\$4,913	\$4,913	\$5,898
EAST WINDSOR WPCF	\$12,282	\$9,040	\$3,887	UCONN WPCF	\$4,913	\$4,913	\$5,898
NORTH HAVEN WPCF	\$12,282	\$9,040	\$3,887	NORFOLK WPCF	\$4,913	\$4,913	\$5,898
WINDHAM WPCF	\$4,913	\$3,616	\$1,555	PLAINVILLE WPCF	\$2,456	\$2,456	\$2,949
SUFFIELD WPCF	\$4,913	\$3,616	\$1,555	SPRAGUE WPCF	\$2,456	\$2,456	\$2,949
STONINGTON BOROUGH WPCF	\$2,456	\$1,808	\$777	SOUTH WINDSOR WPCF	\$2,456	\$2,456	\$2,949
STONINGTON PAWCATUCK	\$2,456	\$1,808	\$777				
PUTNAM WPCF	\$2,456	\$1,808	\$777				
JEWETT CITY WPCF	\$2,456	\$1,808	\$777				
PORTLAND WPCF	\$2,456	\$1,808	\$777				
NEW MILFORD WPCF	\$2,456	\$1,808	\$777				
LEDYARD WPCF	\$0	\$0	\$0				
NEW HARTFORD WPCF	\$0	\$0	\$0				
WINDSOR LOCKS WPCF	\$0	\$0	\$0				
LITCHFIELD WPCF	\$0	\$0	\$0				
GROTON CITY WPCF	\$0	\$0	\$0				
ROCKY HILL			\$0				
TOTAL	\$3,814,866	\$2,807,725	\$1,627,958	TOTAL	\$2,807,725	\$2,807,725	\$1,627,958

If the current trading program were to continue through 2016, the State would have to purchase the excess credits at \$1,007,141.

Bold= Clean Water Fund Nitrogen Project Facilities

The above future trading program projection for 2015 and 2018 (self-sufficiency scenario) are based on an average performance year and with the anticipated upgraded STPs that will be in operation in given trading year. The future program consists of the buyers buying the credits they need to meet their General Permit limit with those payments being shared by the sellers proportionally.
 The key steps to comply with the near-term goals of the trading program are to:
 1) Renew the general permit before December 2015, for another five years
 2) Continue trading in the same manner since the program was implemented in 2002 for the 2013 and 2014 trading years
 3) Move to a self-sufficient program for the 2015 trading year and beyond where the buyers would purchase the equivalent nitrogen credits needed to meet the TMDL