

NRCA Total Phosphorous (TP) Reduction Methods by Facility

Date: 9/24/12

Facility	NPDES Permit #	Treatment	Chemical	Chemical Addition Point	Frequency
SGWASA	NC0026824	Biological	NA	NA	NA
Town of Apex	NC0064050	Biological	Ferrous Sulfate	Collection System *	Year round
Town of Benson	NC0020389	Biological	NA	NA	NA
Town of Cary ~ North	NC0048879	Biological	Ferrous Sulfate	Collection System *	Year round
Town of Cary ~ South	NC0065102	Biological	Ferrous Sulfate	Collection System *	Year round
City of Raleigh ~ Smith Creek	NC0030759	Biological	Aluminum Sulfate	WWTP	Seasonal
City of Raleigh ~ Neuse	NC0029033	Biological	Aluminum Sulfate	WWTP	Seasonal
	"	NA	Ferrous Sulfate	Collection System *	Year round
City of Raleigh ~ Little Creek	NC0079316	Biological	Aluminum Sulfate	WWTP	Year round
Town of Clayton	NC0025453	Biological	Aluminum Sulfate	WWTP	Seasonal
Neuse Colony, (Aqua NC)	NC0064564	NA	Ferrous Sulfate	WWTP	Year round
Johnston County	NC0030716	Biological	Aluminum Sulfate	WWTP	Back up only
Town of Kenly	NC0064891	Biological	Ferric Chloride	WWTP	Year round
Town of Farmville	NC0029572	Biological	NA	NA	NA
City of Wilson	NC0023906	Biological	Sodium aluminate	WWTP	Year round
Progress Energy ~ Lee Plant	NC0003417	NA	NA	NA	NA
City of Goldsboro	NC0023949	Biological	NA	NA	NA
Town of LaGrange	NC0021644	Biological	Aluminum Sulfate	WWTP	Back up only
City of Kinston (Regional)	NC0024236	Biological	Aluminum Sulfate	WWTP	Back up only
Contentnea MSD	NC0032077	Biological	Aluminum Sulfate	WWTP	Back up only
Dupont-Kinston, Inc.	NC0003760	Biological	Ferric Chloride	WWTP	Back up only
City of New Bern	NC0025348	Biological	NA	NA	NA
MCAS Cherry Point	NC0003816	Biological	NA	NA	NA
City of Havelock	NC0021253	Biological	Poly-Aluminum Chloride	WWTP	Year round

NA - no chemicals used to control or remove TP.

* used in collection system for odor control and reduces phosphorous .

** aluminium sulfate is fed in WWTP as backup.