

UTILITY PRETREATMENT DIVISION

Additional information about Public Works and Utilities Pretreatment may be obtained by contacting Leon Holt, Utility Pretreatment Coordinator, at (919) 462-3871, through e-mail at leon.holt@townofcary.org, or by visiting the Town’s website at www.townofcary.org.

TOWN OF CARY GOALS AND INITIATIVES

Town Focus Areas	Focus Area I: Community Planning					Focus Area II: Infrastructure				Focus Area III: Financial Condition		Focus Area IV: Municipal Services				
Town Goals	Achieve a well-planned community using innovative and proactive planning approaches and techniques.					Ensure that roads, water and wastewater facilities, parks, and other infrastructure exists for the existing citizens and for the future needs identified in the comprehensive plan.				Achieve a stable and strong financial position by accurately estimating, prudently allocating, and managing financial resources.		Achieve a high level of service to the citizens in a prompt, reliable, responsive, and cost-effective manner.				
Town Initiatives (pages 2 and 3 of this document contain full descriptions of each Town Initiative)	Growth Management	Long Range Water	Housing Program	Comprehensive	Land Use Plan	Environmental Concerns	Infrastructure and Level of Service Standards	Fiscal Plan	Water, Wastewater, Transportation	Broad Band Technology Services	Long Term Financial Plan	Performance Measurement	Short Term Financial Planning	Review Operations	Cost Consciousness and Sustained Service	Public Involvement
Departmental Goals/Initiatives					1,2,3,4	1,2,3,4										

DIVISION GOALS AND INITIATIVES

1. Enforce all utility related ordinances including the Sewer Use Ordinance, Industrial Pretreatment Program, Fats/Oils/Greases (FOG) Control Ordinance, Inflow and Infiltration Ordinance, and Storm Water Ordinance.
2. Control, manage and oversee permitting, compliance monitoring, and enforcement required by Federal and State mandate for discharge activity from industrial and commercial users of the sanitary sewer treatment system.
3. Enforce the Grease Control Ordinance mandated by the State of North Carolina, covering approximately 700 food service establishments (FSE), which targets sanitary sewer overflows by controlling the release of fats and grease into the sanitary sewer system.
4. Monitor waste discharge activity for all identified Significant and Non-Significant Industrial Users.
5. Perform “Sewer Use Education” sessions with individuals and groups.
6. Conduct and oversee special projects for the department; Inter-jurisdictional agreements, nutrients, modeling, utilities merger & associated FSE identification and mapping.

FY 2008 ACCOMPLISHMENTS

- Continued providing monitoring, inspections, compliance reviews and enforcement related to the Fats, Oil, and Grease control program (FOG), result from which supports reductions in sanitary sewer overflows and restoration of sewer infrastructure capacity.
- Continue to collaborate with North Carolina State University and Water Environment Research Foundation on research project studying effects of Fats, Roots, Oils, and Grease on municipal sanitary sewer collection systems.
- Through monitoring programs continue to detect and alleviate illegal disposal of liquid wastes into sanitary sewer system.
- Continue, at reduced frequency, Police Dept training in assistance in above program. Increase in number of requests of program by many cities around the nation on this issue.
- Implementing sewer service agreement with Durham County to accept industrial-based wastewater from Town customers.
- Negotiated with Durham Utility Co. basis for TOC to be viewed as Industrial User for Durham County sewer service agreement.
- Held flow measurement, metering, and monitoring training session with industry, contracted services personnel.
- Worked with governmental affairs committee with NC Restaurant Association in developing reasonable and effective guidelines for FSE and local governments.
- Continue to modeled nutrient loading from major industrial users for master plan development.
- New sections added to the Sewer Use Ordinance.
- FOG program continues to be recognized by Water Environment Federation and EPA as an innovator in the country.
- Developed bench scale (to take to pilot scale) for phosphorus study, relative to Durham County sewer service agreement.

KEY PERFORMANCE OBJECTIVES

- Inspect 100% of significant industrial wastewater discharge users annually.
- Achieve 100% compliance with State and Federal Industrial Pretreatment program requirements.
- Ensure that 95% of all food preparation/service organizations have adequate grease interceptor and management controls in place.
- Established methods with Durham Co. to assure rational and representative pollutant characterization.
- Apply enforcement response plan in consistent manner to noncompliant industrial and other users of sewer system.
- Reduce collection system maintenance costs and liability for sewer blockages and overflows by implementing effective FOG control and management program.
- Review site and construction plans for pretreatment program adequacy
- Maintain databases relative to pretreatment, stormwater, I & I, inspections and permits – for purpose of protecting sanitary sewer collection and treatment systems.

KEY PERFORMANCE MEASURES

<u>Performance Measure</u>	<u>Actual FY 2008</u>	<u>Estimated FY 2009</u>	<u>Projected FY 2009</u>
% of significant industrial users (SIU)inspected	100%	100%	100%
% SIU compliance with industrial pre-treatment requirements	100%	100%	100%
% of FSE sites with compliant grease control devices	78%	77%	80%
% of FSE sites with required management records	68%	71%	74%

KEY WORKLOAD INDICATORS

<u>Workload Indicator</u>	<u>Actual FY 2008</u>	<u>Estimated FY 2009</u>	<u>Projected FY 2009</u>
Number of food service facilities inspected	305	335	345
Number of potential FSE sites needing initial and follow-up inspection	210	180	163
Number of notices of noncompliance, deficiency, or violation	48	51	35
Number of food service facilities	740	738	753
Number of Industrial User Surveys qualifying for mailing IWS forms	12	10	8

ACTIVITY HISTORY

Fund Number: 030-7012					
<u>Activity</u>	<u>Actual FY 2005</u>	<u>Actual FY 2006</u>	<u>Actual FY 2007</u>	<u>Estimated FY 2008</u>	<u>Budget FY 2009</u>
Personnel Services	\$214,697	\$231,714	\$307,232	\$321,357	\$333,926
Operations and Maintenance	\$12,930	\$27,211	\$28,044	\$41,653	\$39,843
Capital Outlay	0	\$13,207	0	0	\$11,900
Total	\$227,627	\$272,132	\$335,276	\$363,010	\$385,669
Authorized FTEs	3	4	4	4	4

SIGNIFICANT BUDGET AND SERVICE LEVEL CHANGES BEYOND CURRENT LEVELS

No significant budget changes in FY 2009.