8. BMP SUMMARY TABLE

8.1 BMPs and Measurable Goals for Public Education and Outreach

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Prepare an education plan	Prepare education plan in the first two years of the permit. Include in Plan the BMPs, schedule, targeted audiences, and measurable goals. Summarize plan and implementation progress in each annual report.			x	x	x	Engineering Director
2	School programs	Develop education program for school children in Year three and implement. Focus on basic messages regarding clean water and the things they can do at home to help. Track the number of children reached and the subject covered and report annually.			x	x	x	Engineering Director
3	Mailers, brochures, and inserts	Develop mailer for insert in Stormwater Utility bills and implement in Year two. Target homeowners and businesses with messages about how they can reduce pollution picked up by stormwater. Track number of homes and businesses reached by mailer and report annually. This component will be dependent upon the inception date of the Town's Stormwater Utility, expected to be in Year two.		x				Engineering Director
4	Coordination with other in-house communication tool	Provide education material for Chapel Hill employees in *The Communicator* (intra-agency news letter) starting in Year One using existing distribution methods. Focus on importance of carrying out duties without adding unnecessary sediment or other pollutants to the stormwater system. Track number of employees reached and number of education materials distributed and report annually.	x	x	x			Engineering Director
5	Internet hotline and education webpage	Establish an email or internet hotline and educational webpage in Year Two with the		x				Engineering Director

		Stormwater Utility for communication with the public and publicize the Stormwater Utility. Track type of citizen issues. Report annually on data gathered and issues addressed.						
6	Participate and promote NC Big Sweep	Continue to assist the community in NC Big Sweep and track activities within community beginning in Year One. Focus on cleaning up the streams and other receiving waters. Report annually on activities within our community such as number of participants and amount of waste collected.	x	x	x	x	x	Engineering Director

8.2 BMPs and Measurable Goals for Public Education and Participation

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Public Hearing	Public hearing for NPDES Phase 2 permit	x					Engineering Director

8.3 BMPs and Measurable Goals for Illicit Discharge Detection and Elimination

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Develop ordinance/amend existing ordinance to define and include illicit detection, right of entry, prohibition of certain discharges, enforcement actions and penalties for dumping, spills, and willful illicit connections in year three.	Amend and/or adopt ordinance by end of Year Three. Note date of adoption and include a copy of ordinance in annual report record			x			Engineering Director
2	Develop system map showing outfalls and the receiving body of water. Complete one quarter of the community each year,	Creation of a storm sewer system map began in 2000. Expected completion date of the system map is in 2005. The map currently notes inlets and outfalls. The completed map will show how stormwater moves through the system and will			x	x	x	Engineering Director

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
	updating any system changes within already mapped areas as they occur.	note the receiving body of water for each outfall. The map will be routinely updated as new development occurs. The Town will report annually on progress.						
3	Develop fact sheets for public education program on illicit connections and spill management. Place in public library and provide to appropriate Town departments for distribution to the public.	Prepare fact sheets and distribute copies to the public for distribution. Complete by end of Year Three and provide samples in annual report. Note date completed and number of copies placed for distribution.			x	x	x	Engineering Director
4	Educate employees on how to inspect for illicit connections and establish a tracking system for managing reported problem areas.	Provide materials to all employees regarding illicit connections and how to recognize them. Materials will be developed by end of Year Three. This will be summarized in the annual report.			x	x	x	Engineering Director
5	Utilize local internet/email hotline set up under Public Involvement Program for public reporting of illicit connections.	Maintain website and internet hotline for reporting of illicit connections/dumpings. Set up in Year Four and report general activities annually.				x	x	Engineering Director
6	On-going coordination with local wastewater authority (Orange Water and Sewer Authority) on identification of potential cross connections between sanitary sewer and storm sewers.	As sites are identified, the Town will coordinate with OWASA or the property owner for investigation and elimination.			x			Engineering Director
7	Develop means and methods for follow-up and enforcement actions regarding identified pollution sources.	Establish standing operating procedures for enforcement in Year Three and report on enforcement actions in each annual report thereafter. Present SOP in third annual report.			x			Engineering Director

8.4 BMPs and Measurable Goals for Construction Site Stormwater Runoff Control

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Pre Construction erosion and sediment control	Will use County program, which is more stringent than State program	x	x	x	x	x	Orange County

8.5 BMPs and Measurable Goals for Post-Construction Stormwater Management in New Development and Redevelopment

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Update existing ordinance to include new strategies to address both structural and non-structural water quality controls. Include enforcement strategies as appropriate as well as requirements for long-term maintenance as needed. Consider the following BMPs in development of the controls.	The Town has already developed some select standards and practices for post-construction controls for water quality, and will develop additional practices by Year One. An example practice is included in Attachment #7.	x	x	x	x	x	Engineering Director
2	Implement long-term maintenance program for on-site controls at time of ordinance update.	The Town has already adopted an ordinance (Land Use Management Ordinance) that requires the long-term maintenance of structural controls for new and redevelopment projects. In annual report, identify date of adoption, controls and procedures to be followed. The Town will report annually on program status.	x	x	x	x	x	Engineering Director
3	Evaluate plan review process to ensure that appropriate reviews and inspections during construction occur for water quality controls established in development ordinance.	This process is ongoing with the recent revisions of the Land Use Management Ordinance. More details will be developed with the upcoming revision of the Design Manual.	x	x	x	x	x	Engineering Director

8.6 BMPs and Measurable Goals for Pollution Prevention/Good Housekeeping for Municipal Operations

	BMP	Measurable Goals	Y1	Y2	Y3	Y4	Y5	Responsible Party/Position
1	Complete an inventory of facilities that will be evaluated through an environmental audit to determine potential pollution contributions as required by the Municipal Industrial Activities Permit.	As a part of the Industrial Activities permit application, we will assess municipal facilities owned by the Town for potential pollutant contributors. A stormwater pollution prevention plan will be established for each facility that has been identified as a potential pollution contributor. Each plan will include BMPs that target the identified pollutant. All other requirements under the Municipal Industrial Activities Permit will be met for each identified Town facility.	x	x	x	x	x	Public Works Director and/or Transportation Director (or as directed by MIAP)
2	Develop training materials on pollution prevention for public facilities, using existing materials gathered from other organizations or creating new tools as needed. Educate all employees annually on the need for controls to protect stormwater from exposure to potential pollutants.	This will be done as a part of the industrial activities permit and under the Education Plan.	x	x	x	x	x	Public Works Director and/or Transportation Director (or as directed by MIAP)
3	Provide training for those employees that maintain the drainage system with the focus on disposal of floatables, grit, sediment, and other pollutants removed from the system.	All employees and contractors are trained to dispose of waste properly. All new employees will be trained. Procedures will be reviewed with the start of regular maintenance with the stormwater utility program. Beginning in Year Two, provide training to all employees who maintain the drainage system with a focus on floatable, grit, sediment, disposal of pollutants, and practices to ensure a stable site condition. Report annually on types of training and subjects covered.	x	x	x	x	x	Engineering Director
4	Inspect all materials storage facilities to determine priority for reducing exposure to stormwater.	These will be determined with the completion of the Municipal Industrial Activities Permit.	x	x	x	x	x	Public Works Director (or as directed by MIAP)