

BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
APRIL 15, 2009

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration Building at 2:00 P.M., Wednesday, April 15, 2009. Mr. Aceto presided with the following members present: Bellamy, Bisette, Bryson, Creighton, Haner, Kelly, Russell, Sobol, Stanley and VeHaun. Mr. Metcalf was absent.

Others present were: William Clarke, General Counsel, Leah Karpen with the League of Women Voters, Joseph Martin with Woodfin Sanitary Water & Sewer District, Stan Boyd, Ed Bradford, John Kiviniemi, Jim Hemphill, Scott Powell, Peter Weed, Angel Banks, Ken Stines, Mike Schraven, Monty Payne and Sondra Honeycutt, MSD.

2. Inquiry as to Conflict of Interest:

Mr. Aceto asked if there were any conflicts of interest with the agenda items. Mr. Bisette stated that he had a conflict with item 7.e (The Cliffs at Walnut Cove) of the Consolidated Motion Agenda. Mr. Aceto excused Mr. Bisette from voting on this item. No other conflicts were reported.

3. Approval of Minutes of the March 18, 2009 Board Meeting:

Mr. Aceto asked if there were any objections to approving the Minutes of the March 18, 2009 Board Meeting as presented. With no objections, the minutes were approved by acclamation.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

Mr. Aceto welcomed Ms. Karpen and Mr. Martin.

6. Report of General Manager:

In the absence of Mr. Hartye, Mr. Boyd called on Mr. Bradford for a presentation on the Reems Creek Interceptor. Mr. Bradford presented an aerial map showing this and nearby rehabilitation projects over the previous ten years. He reported that this project is currently on-going with the completion of 15,272 L.F of interceptor along with three other projects in this area for a total of 27,801 LF. Mr. Bradford addressed access issues related to the project. He stated that in 2004 hurricane Ivan destroyed two crossings and, as a result, System Services set-up a bypass pumping system, which was maintained 24/7 until they were able to reconstruct the two damaged crossings.

Mr. Bradford reported that in August, 2008, the rehabilitation project was advertised with thirteen contractors submitting bids. The Board awarded the contract to Mendon Pipeline in September, 2008 in the amount of \$3.5 million or \$236.00 per LF for 24" & 30" DIP, which is extremely competitive for the pipe size. Completion of the project is expected in June, 2009. He presented several slides from the project area showing the pipe to be used, temporary crossings that were constructed, manhole bases and restoration efforts. He stated that a permanent, recorded access was obtained through working with property owners.

Mr. Bradford presented an aerial photo of the Reems Creek Valley showing the two pumping system. He stated that this is a growing concern because of the age of the systems and future growth in this area and will be presented to the CIP Committee on April 30th. Mr. Haner asked if MSD uses ductile iron pipe on most of its projects. Mr.

Bradford said yes, except in the case of pipelines subject to corrosion, i.e., force mains. Ms. Karpen asked if the UND Lab, Inc. stamped on the pipe means Underwriters Laboratories. Mr. Bradford said it's possible, since they certify a number of products.

Mr. Boyd reported that once again, MSD has received the GFOA Certificate of Achievement for Excellence in Financial Reporting. He expressed appreciation to Scott Powell and Teresa Gilbert for their efforts.

Mr. Boyd reported that on March 20-22nd, MSD had a booth at the annual Home Show. He stated that a variety of items were handed out including grease lids, magnets, information concerning fats, oils, and grease management, sewer extensions, GIS system, and information from the Call Before You Dig (One Call Center). He stated that MSD's participation in the show not only aids with public relations, but is used to satisfy educational requirements in MSD's Collection System Permit. He expressed appreciation to Jody Germaine, Kathy Meeks, Mary Alice Hunter, Darin Prosser, Tim Revis, Lisa Tolley and, a special thanks to Kay Farlow for organizing and coordinating this effort.

Mr. Boyd presented articles from the Asheville Citizen-Times on a potential insurance pool for City of Asheville employees, and the NCLM Legislative Bulletin of 3/27/09.

Mr. Boyd reported that the Personnel Committee will meet April 29th at 2PM, the CIP Committee will meet on April 30th at 8:30 AM, the Finance Committee will meet on May 5th at 2PM, the Board Retreat will be held May 8th from 9AM till noon and the next regular Board Meeting will be held May 20th at 2PM. Ms. Banks reported that the next Right of Way Committee meeting will be held May 27th at 9AM.

7. Report of Committees:

Right of Way Committee

Mr. Kelly reported that the Right of Way Committee met April 1, 2009 to consider condemnations on the Forest Hill Drive #2 PRP Project, Compensation Budgets on the Cub Road Sewer Replacement, Harmony Lane Sewer Rehabilitation and Laurel Road Phase II Rehabilitation projects, and the NCDOT Bridge Replacement over Swannanoa River on NC 81.

8. Consolidated Motion Agenda:

a. Consideration of Condemnations – Forest Hills Drive #2 PRP Project:

Mr. Boyd reported that the Right of Way Committee recommends authority to obtain appraisals and proceed with condemnations.

b. Consideration of Compensation Budgets – Cub Road Sewer Replacement, Harmony Lane Sewer Rehabilitation and Laurel Road Phase II Rehabilitation:

Mr. Boyd reported that the Right of Way Committee recommends approval of the Compensation Budgets.

c. NCDOT Bridge Replacement Over Swannanoa River on NC 81:

Mr. Boyd reported that the Right of Way Committee recommends that MSD convey to NCDOT the fee simple ownership and temporary construction easement areas described for \$1.00. Staff also recommends that language be added to the conveyance instruments that NCDOT will, in accordance with NC General Statute 136-27.1, be required to fund the relocation of any existing MSD lines and/or

appurtenances in conflict with NCDOT construction plans, subject to review and approval by MSD.

d. Declaration of Intent to Adopt Revised MSD Sewer Use Ordinance:

Mr. Boyd reported that the Sewer Use Ordinance (SUO) was last adopted in May of 2003. Since that time, the Ordinance has undergone two changes. First, the State required local Pretreatment Programs to have a maximum civil penalty authority equal to the Secretary of the Department of Natural Resources, allowing Pretreatment Programs to assess civil penalties up to \$25,000 per violation per day. Secondly, The Streamlining Rule was published in the Federal Register by the EPA, which revised parts of the General Pretreatment Regulations (40 CFR Part 403). He stated that staff recommends the MSD Board endorse the Declaration of Intent to adopt the revised MSD Sewer Use Ordinance. Mr. Clarke stated that the revised SUO will be sent out to the local governing bodies within the District for a 90-day review and comment period, after which, it will be brought back to the Board for final adoption.

With regard to the Sewer Use Ordinance, Mr. Sobol asked if there is a requirement that a resident connect to the sewer line if the resident is within so many feet of an MSD line. Mr. Clarke stated that there is language in the Ordinance by which MSD can require a resident to connect, and that he believed the distance was 300 feet. Mr. Clarke further stated that any utility issuing debt is generally required by its bond holders to have such a provision as the bond holders want to ensure that the utility can require residents to connect to sewer lines so that the utility can be assured of customers. Mr. Sobol asked if the resident could be required to connect if he or she had to cross another property, and Mr. Clarke said MSD could not require a resident to connect if the resident had to cross another person's property. Mr. Haner asked if a resident is required to connect, would this come before the Board, or would it be handled administratively. Mr. Clarke stated that it could be handled administratively unless there is a protest. Mr. Haner stated that he can visualize resistance to connecting to the system if a resident is happy with its current set-up. Mr. Boyd added that MSD cannot require a resident to connect to an MSD line so long as the resident has an approved functioning on-site (septic) system

e. Consideration of Acceptance of Developer Constructed Sewer Systems: Brookstone Lodge, The Cliffs at Walnut Cove Phase 6A, 6B and 6PS, Biltmore Lake Block G-Phase 3, Biltmore Lake Block C-Lots 1059 & 1060 and Reems Creek Townhomes Phase 1V:

Mr. Boyd reported that staff recommends acceptance of the Developer Constructed Sewer Systems. All MSD requirements have been met.

f. Consideration of Resolutions for Federal Stimulus Projects - Middle Beaverdam Creek Interceptor Phase 1, Lake Julian Sewer Rehabilitation (Glenn Bridge Rd. and Long Shoals Rd.) and Dingle Creek Interceptor:

Ms. Bellamy asked if MSD has talked to Ron Kerns with the City of Asheville about the Dingle Creek project, since the City is doing improvements in this area as well and there may be an opportunity for some cost savings. Mr. Bradford said he would be happy to follow-up on this. Mr. Boyd stated that staff recommends adoption of the resolutions.

g. Consideration of Reimbursement Resolution for Bond Projects:

Mr. Boyd reported that the proposed reimbursement resolution identifies a major project intended to be solely or substantially financed by bonds anticipated to be issued in fiscal year 09-10. He stated that Board approval is required to obtain the

tax-exemption of interest paid on MSD bonds by authorizing reimbursement from bond proceeds of the expenditures for this project. He further stated that staff recommends approval of the resolution.

h. Cash Commitment/Investment Report – Month Ended February 28, 2009:

Presented as information only.

Mr. Kelly moved that the Board approve items a.b.c.d.f.g.h. of the Consolidated Motion Agenda. Mr. Stanley seconded the motion. With no discussion, Mr. Aceto called for the question. Roll call vote was as follows: 11 Ayes; 0 Nays.

Ms. Bellamy moved that the Board approve item e. (The Cliffs at Walnut Cove) of the Consolidated Motion Agenda. Mr. Kelly seconded the motion. With no discussion, Mr. Aceto called for the question. Roll call vote was follows: 10 Ayes; 0 Nays. Mr. Bisette was excused from deliberating or voting on this item.

9. Old Business:

Mr. Haner reminded the Board of the Retreat scheduled for May 8th. He requested that Board Members who have issues or ideas they want discussed, to write them down and present them to staff.

10. New Business:

None

11. Adjournment:

With no further business, Mr. Aceto called for adjournment at 2:25 P.M.

Jackie W. Bryson, Secretary/Treasurer

MSD

Regular Board Meeting

Metropolitan Sewerage District
of Buncombe County, NC

AGENDA FOR 4/15/09

✓	Agenda Item	Presenter	Time
	Call to Order and Roll Call	Aceto	2:00
	01. Inquiry as to Conflict of Interest	Aceto	2:02
	02. Approval of Minutes of the March 18, 2009 Board Meeting.	Aceto	2:07
	03. Discussion and Adjustment of Agenda	Aceto	2:12
	04. Informal Discussion and Public Comment	Aceto	2:14
	05. Report of General Manager	Boyd	2:16
	06. Report of Committees: Right of Way Committee – April 1, 2009 - Kelly	Aceto	2:30
	07. Consolidated Motion Agenda		2:40
	a. Consideration of Condemnations – Forest Hills Drive #2 PRP Project.	Boyd	
	b. Consideration of Compensation Budgets – Cub Road Sewer Replacement, Harmony Lane Sewer Rehab. And Laurel Road Phase II Rehab.	Boyd	
	c. NCDOT Bridge Replacement Over Swannanoa River on NC 81.	Boyd	
	d. Consideration of Declaration of Intent to Adopt the Revised Sewer Use Ordinance	Boyd	
	e. Consideration of Developer Constructed Sewer Systems: Brookstone Lodge, The Cliffs at Walnut Cove Phase 6A, 6B and 6PS, Biltmore Lake Block G – Phase 3, Biltmore Lake Block C – Lots 1059 and 1060 and Reems Creek Townhomes – Phase IV.	Boyd	
	f. Consideration of Resolutions for Federal Stimulus Projects.	Boyd	
	g. Consideration of Reimbursement Resolution	Boyd	
	h. Cash Commitment/Investment Report – Month Ended February 28, 2009.	Boyd	
	08. Old Business:	Aceto	3:00
	09. New Business:	Aceto	3:10
	10. Adjournment (Next Regular Meeting 5/13/09)	Aceto	3:20

APPROVAL OF MINUTES

**BOARD OF THE METROPOLITAN SEWERAGE DISTRICT
MARCH 18, 2009**

1. Call to Order and Roll Call:

The regular monthly meeting of the Metropolitan Sewerage District Board was held in the Boardroom of MSD's Administration Building at 2:00 P.M., Wednesday, March 18, 2009. Mr. Aceto presided with the following members present: Bissette, Bryson, Creighton, Haner, Kelly, Metcalf, Russell, Sobol, Stanley and VeHaun. Ms. Bellamy was absent.

Others present were: Thomas E. Hartye, General Manager, William Clarke, General Counsel, Gary McGill with McGill Associates, Leah Karpen with the League of Women Voters, Stan Boyd, Ed Bradford, John Kiviniemi, Scott Powell, Jim Hemphill, Peter Weed, Neil Hall, Pam Thomas, Lisa Tolley and Sondra Honeycutt.

2. Inquiry as to Conflict of Interest:

Mr. Aceto asked if there were any conflicts of interest with the agenda items. No conflicts were reported.

3. Approval of Minutes of the February 18, 2009 Board Meeting:

Mr. Aceto asked if there were any changes to the Minutes of the February 18, 2009 Board Meeting. Mr. Haner asked that page five, item 10, line five, be changed to read, "keeps from being used in this process". With no further corrections, Mr. Aceto called for a motion. Mr. VeHaun moved that the Board approve the minutes as corrected. Mr. Haner seconded the motion. Voice vote in favor of the motion was unanimous.

4. Discussion and Adjustment of Agenda:

None

5. Informal Discussion and Public Comment:

Mr. Aceto welcomed Ms. Karpen.

6. Report of General Manager:

Mr. Hartye reported that a letter was received from Steve Semanchuck regarding his appreciation for MSD and the work of Ricky Bates and Julio Miguel. A call was received from Linda Hamilton of Asheville who was happy with the service she received from McKinley Hensley, Lloyd Anders and Clement Crowe. A call was received from Tracy Dykes of Fernbrook Place to express appreciation for the great customer service she received from Linda Phillips from dispatch, who was very pleasant. Also, a call was received from Tom Murphy of Avery's Creek to thank MSD for work done by Herman Shelton and Robert Burnette. Mr. Murphy was very happy with their professional response, super attitude and great job in removing roots from a manhole.

Mr. Hartye presented NCLM Legislative Bulletins for 2/20/09 and 3/06/09 and two Asheville Citizen-Times articles on the State Pension fund and health insurance. He also presented a NACWA Legislative Alert on the Stimulus. Regarding the Stimulus, Mr. Hartye reported that the comment process on the stimulus was extended another day, but as it stands North Carolina has a capitalization grant in the amount of \$70.7 million for the Clean Water State Revolving Fund (CWSRF) with Wastewater Loans in the amount of \$20 million; Wastewater Grants or Principal Forgiveness loans in the amount of \$34 million and Green Project Reserve loans in the amount of \$14 million. He further reported that the CWSRF Program has identified \$2.2 billion across North Carolina in eligible projects that are ready to proceed to construction. He stated that beyond what MSD has submitted, an application process will be necessary and the main criteria will be ready to go projects. He further stated that in addition to the MSD projects, the County

has submitted a leachate project and the City of Asheville has submitted two extension projects. With regard to principal forgiveness loans, Mr. Sobol asked how municipalities will know if the principal is forgiven or not. Mr. McGill stated that this will have to be declared early on in the process. He further questioned where the money will go if a municipality declines a loan. Mr. McGill stated that the money will be offered to the next eligible municipality.

Mr. Hartye called on Mr. Hemphill to address some of the issues associated with Human Resources, prior to the budget process. Mr. Hemphill, reported that Human Resources has been focusing on issues related to high cholesterol, high blood pressure, and diabetes. He stated that four years ago the District's costs on these issues was \$548,000 and the projected cost for this year is \$343,000, but the employees understand that if these issues are not controlled, it will translate into higher premium cost so they are working very hard to address these issues. Mr. Hemphill reported that the Employee Advisory Committee, comprised of employees and supervisors, are working on various sub-committees such as The Asheville Project, Smoking Cessation, Spousal Buy-out and the possibility of Catastrophic Coverage for those employees who are not interested in the plans currently offered. Mr. Haner asked if MSD has considered higher premiums for spousal coverage. Mr. Hemphill stated that first, MSD wants to encourage employees to move their spouses off of the plan by offering a financial incentive to do so, but no firm decision has been made in this regard. Mr. Hartye said there is a differential cost of premiums for individuals versus individual plus spouse.

Mr. Hartye reported that the next Right of Way Committee meeting will be held April 22nd at 9AM. The next regular Board meeting will be held April 15th at 2PM and the Board Retreat will be held May 8th from 9AM until noon.

Mr. Hartye called on Peter Weed, Director of Administration Services, for a report on the MSD Fleet. Mr. Weed introduced Neil Hall, Fleet Manager. Mr. Weed reported that the MSD fleet consists of 132 vehicles that are equipped to serve an assortment of jobs and needs, with a replacement value of over \$5 million. He stated that one of the most visible trucks is a water tanker, which is a retrofit from a 2001 Volvo chassis with "Can the Grease" displayed on its tank. Although the trucks look new, the average age of on-road vehicles is six years with 75,000 miles. In addition, MSD has purchased two electric plug-in Gem vehicles for the plant that have a payload of 1,200 lbs.

Mr. Weed reported that MSD focuses on diesel technology and diesel engine work and that it's unusual for a shop of this size, with three (3) mechanics and Neil Hall supervising and managing to have the Cummins Diesel Engine program it has. As far as "Clean Diesel Technology", he stated that in 2010, as MSD purchases more diesel trucks, they will put out fewer emissions and will actually filter and clean the air around them. He further stated that MSD has a power-wash bay that can handle its largest vehicles and mechanics can fix minor dings and dents in-house as well as paint and do complete overhauls, with all labor and cost for parts, tracked.

Mr. Weed reported that annually, the Equipment Review Committee meets to evaluate equipment requests greater than \$5,000. The Committee looks at the normal guidelines of these requests; use, whether it's an effective replacement and the life time costs associated with replacements, while adhering to all North Carolina guidelines for purchasing and contract pricing. He further reported that MSD maintains an active worksheet for all replacement vehicles so key data and a replacement schedule can be maintained. He explained how the rotation of vehicles occurs. Mr. Hartye said that rotation depends on the functionality of jobs within the organization. Ms. Karpen asked if recycle means you use the vehicles another year. Mr. Weed explained how the vehicles are recycled within the District. Mr. Weed stated that MSD maintains a reserve fund so that peak expenses or severe market conditions can be smoothed out. MSD's current

replacement cost is about \$370,000 per year. MSD has its own fuel station and these costs are tracked on an annual basis. He further stated that MSD was the first utility in WNC to move into bio-fuels and has used almost half a million gallons since 2003, which means 90,000 gallons of fossil fuel was replaced with soybean oil. Mr. Sobol asked if diesel truck pre-heaters are on timers. Mr. Hall said no, the trucks do not require heaters due to the intake design by Cummins Diesel. Mr. Haner said the public, as they see MSD, focuses on the appearance of its vehicles, with how new they look, and how much it must be spending on vehicles. MSD does not get the credit for being frugal. He suggested putting the year each vehicle was purchased on the outside. Mr. Hartye said the year is currently displayed as part of the truck I.D. number. He explained that the first two of the four numbers on the each vehicle is the year it was purchased. He stated that MSD takes good care of its vehicles and they are rotated, so it makes sense for MSD's first responders to drive the newer vehicles in order to avoid breakdowns on the way to emergencies. Ms. Karpen suggested writing a letter to the Editor or a feature article about MSD's fleet maintenance. Mr. Aceto expressed his appreciation to Mr. Weed for his presentation.

7. Committee Reports:

Right of Way Committee

Mr. Sobol reported that the Right of Way Committee met February 25th to consider Compensation Budgets for Gladstone Road and Sycamore Terrace projects. The Committee also considered condemnations on the Reems Creek Master Plan Extension project.

8. Consolidated Motion Agenda:

a. Consideration of Compensation Budgets: Gladstone Road 4" Main and Sycamore Terrace PRP project:

Mr. Hartye reported that the Right of Way Committee recommends approval of the Compensation Budgets.

b. Consideration of Acceptance of Developer Constructed Sewer System – The Village at Reynolds Mountain Phase V:

Mr. Hartye reported that this project is located inside the District boundary off Weaverville Road and includes the installation of approximately 4,786 linear feet of 8" gravity sewer extension to serve a 330 unit commercial development. Staff recommends acceptance of the developer constructed sewer system. All MSD requirements have been met.

c. Cash Commitment/Investment Report – Month Ended January 31, 2009:

Presented as information only.

Mr. Kelly moved that the Board approve the Consolidated Motion Agenda as presented. Mr. Sobol seconded the motion. Roll call vote was as follows: 11 Ayes, 0 Nays.

9. Old Business:

None

10. New Business:

None

11. Adjournment:

With no further business, Mr. Aceto called for adjournment at 2:35 P.M.

Jackie W. Bryson, Secretary/Treasurer

REPORT OF GENERAL MANAGER

MEMORANDUM

TO: MSD Board
 FROM: Thomas E. Hartye, P.E., General Manager
 DATE: April 8, 2009
 SUBJECT: Report from the General Manager

- GFOA Certificate of Achievement for Excellence in Financial Reporting

MSD has once again received the honors for our FY 2007 CAFR. Many thanks to Scott Powell and Teresa Gilbert.

- Home Show

A good turn out at the Home Show held March 20 – 22, 2009. MSD has participated by having a booth at the Home Show since 2004.

We gave out around 800 grease lids and about 450 magnets (call MSD first). Handouts concerning fats, oils, and grease (FOG) management, sewer extensions and our GIS system were distributed.

We also distributed information from the Call Before You Dig (One-Call Center). All of the two boxes of contractor pencils (advertising the one-call number: 811) and most of the pocket cards (indicating color codes for marking utilities) donated by One-Call were distributed.

This activity not only aids with public relations, but can be used to satisfy educational requirements in our Collection System Permit.

Thanks to everyone that helped:

Jody Germaine, Kathy Meeks, Mary Alice Hunter, Darin Prosser, Tim Revis, Lisa Tolley

A special thanks to **Kay Farlow** for organizing and coordinating this effort.

- READING

- AC-T article on potential insurance pool
- NCLM Legislative Bulletin (3/27/09)

- Board/Committee Meetings

The Personnel Committee will convene on April 29th at 2pm. The CIP Committee will convene on April 30th at 8:30 am. The Finance Committee will convene at 2pm on May 5th. The Board Retreat will be May 8th 9am till noon. The next Regular Board Meeting will be held May 20th at 2pm.



Government Finance Officers Association
203 N. LaSalle Street - Suite 2700
Chicago, IL 60601

Phone (312) 977-9700 Fax (312) 977-4806

April 1, 2009

Thomas E. Hartye, P.E.
General Manager
Metropolitan Sewerage District of Buncombe County
2028 Riverside Drive
W.H. Mull Building
Asheville NC 28804-3054

Dear Mr. Hartye:

We are pleased to notify you that your comprehensive annual financial report for the fiscal year ended **June 30, 2008** qualifies for a Certificate of Achievement for Excellence in Financial Reporting. The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

The Certificate of Achievement plaque will be shipped to:

W. Scott Powell
Director of Finance

under separate cover in about eight weeks. We hope that you will arrange for a formal presentation of the Certificate and Award of Financial Reporting Achievement, and that appropriate publicity will be given to this notable achievement. A sample news release is enclosed to assist with this effort. In addition, details of recent recipients of the Certificate of Achievement and other information about Certificate Program results are available in the "Awards Program" area of our website, www.gfoa.org.

We hope that your example will encourage other government officials in their efforts to achieve and maintain an appropriate standard of excellence in financial reporting.

Sincerely,
Government Finance Officers Association

Stephen J. Gauthier, Director

Technical Services Center

SJG/ds

Insurance pool for city employers clears 1st hurdle

By Jordan Schrader

JSHRADER@TRI-STARNEWS.COM

RALEIGH — On a day when a new study showed North Carolina leading the nation in the growth of the uninsured, state lawmakers advanced a request from Asheville employers to pool together in an attempt to insure more workers.

Employers in a community could combine to leverage better rates from health insurers under a bill that is headed for the floor of the N.C. House.

The bill passed the House Commerce Committee without dissent Wednesday even

after Blue Cross and Blue Shield of North Carolina predicted such a pool would fail and disrupt the insurance market.

Dr. John Ashley, of Asheville, told legislators a pool could reduce the 23,000 members of Buncombe County working families who are uninsured.

Most work for small businesses that struggle to afford quality health insurance.

State law allows the smallest businesses to pool together, but the coalition assembled by the Asheville Area Chamber of

Commerce wants to create a pool that includes large employers like Mission Hospitals, Biltmore and city and county governments.

That would allow the pool to lower costs and insure an estimated 25,000 Asheville-area workers, said Ashley, a physician and consultant for the chamber. Most, as many as 90-95 percent, would come from large employers that already offer coverage.

Ashley said large employers would want to join the pool to help cut down on the uninsured population whose medi-

cal bills are driving up their insurance costs.

"There really is a vested interest for the large employers," he said.

Ashley said rates would not vary based on pre-existing conditions. He said the pool would allow techniques of disease management and workplace wellness pioneered in Asheville to be put in place throughout the community.

But Blue Cross vice president John Friesen said such pools with voluntary membership attract high-risk patients while driving away healthier

groups.

"They will create havoc for many small business owners and employees, as their coverage changes several times between the startup and the failure of the pool," Friesen said.

Rep. Bruce Goforth, D-Asheville, and other Western North Carolina lawmakers pushed the bill through the committee on the same day an N.C. Institute of Medicine and UNC Chapel Hill study found the number of state residents without health insurance increased by 322,000 since 2007 to about 1.8 million.



Legislative Bulletin

NCLM.ORG NORTH CAROLINA LEAGUE OF MUNICIPALITIES

P.O. BOX 3069 • RALEIGH, NC 27602-3069 • (919) 715-4000 • FAX (919) 733-9519

No. 9

www.nclm.org

March 27, 2009

Action Items

Contact your legislators about these issues . . .

Support HB 727/SB 472 – Annexation Changes

What the bills would do: Enact 20 changes to address legitimate concerns of citizens while retaining fairness of annexation for in-town residents and annexation as tool for managing growth. Improve annexation process and requirements for communicating with citizens, water and sewer extension requirements, and annexation standards and requirements. Provide for towns to annex low-wealth areas that desperately need municipal services but do not qualify for annexation.

Sponsors: Reps. Jimmy Love, Lucy Allen, Kelly Alexander and Edgar Starnes; Sens. Vernon Malone, Tony Rand

Actions Needed: Ask your legislators to support HB 727 and SB 472 as the legislation to revise the state’s statutes. Get your local Chamber, civic groups and municipal residents engaged in the issue. There are already more than 20 other annexation bills introduced that the League opposes as written (check Legislative Action Center for more info).

Oppose HB 750 – Restore Contract Rights to State/Local (SB 427)

What the bill would do: Lift the prohibition against collective bargaining between labor unions and city, county and state governments.

Sponsor: Rep. Dan Blue

Status: House Judiciary II Committee

Action Needed: Ask your representatives to oppose this bill.

Why: We do not need an adversarial process for deciding appropriate salaries, benefits and work conditions.

Oppose SB 1004— “Level Playing Field”/Cities/Service Providers

What the bill would do: Sets significant and prohibitive requirements in place for cities and towns that need to provide phone, cable television and high-speed internet to their residents due to lack of coverage by private providers.

Sponsors: Sens. David Hoyle, Debbie Clary

Status: Senate Commerce Committee

Action Needed: Explain to your legislators how this affects communications service to your residents and the economic development future of your town. Ask your legislators to oppose. Cities and towns must have the ability to make managerial, financial and operational decisions on municipal services that benefit your residents and invest in your town’s future.

Support HB 186 – Local Government Objections to ABC Stores

What the bill would do: Allow local governments to object to the location of an ABC store if the city or town has held public hearing, taken evidence and passed a resolution objecting to location. League supports bill.

Sponsor: Reps. Larry Womble, Bill McGee, Earline Parmon and Dale Folwell

Status: Passed House. Moves to Senate

Actions needed: Ask your senators to support HB 186.

N.C. GENERAL ASSEMBLY INFORMATION

Main Number
919-733-4111

Printed Bills Office
919-733-5648

Bill Status Desk
919-733-7779

Legislative Bldg.
Fax 919-733-2599
Raleigh, NC 27601-1096

Legislative Office Bldg.
Fax 919-733-3113
Raleigh, NC 27603-5925

General Assembly website
www.ncleg.net

NCLM website
www.nclm.org



This week's developments

Major changes proposed for ABC system

- *HB 768 – Modernization of the ABC System (SB 831)* would make significant changes to the state's ABC system, as recommended by the Joint Legislative Program Evaluation Oversight Committee, including allowing only one local ABC board in each county, requiring consolidation of certain assets and operations; allowing the ABC Commission to merge local boards into one county board if consolidation has not taken place by July 1, 2011; and allowing ABC Commission to merge local ABC boards into regional ABC boards if the change would "best serve the needs of citizens, increase profitability and enhance revenues to affected local government." ..

Creation of Local Government Tort Claims Act proposed

- *SB 1026 – Local Government Tort Claims Act* would significantly alter how liability claims filed against local governments are handled. Under the proposed system, local governments would waive sovereign immunity defenses for negligence claims, and damages would be capped at \$1 million per occurrence, cumulative to all claimants, for liability related to governmental functions. There would be no cap on damages for negligence claims arising from the exercise of proprietary functions (public enterprise, streets, civic centers, etc). The League has significant concerns over the fiscal impact of this proposal...

N.C. DOT responsibility for roads redefined

- *SB 758 – Transfer Secondary Roads to Counties* would remove secondary roads from state highway system and transfer responsibility for constructing and maintaining those secondary roads to counties. However, bill also appears to shift to cities the responsibility for certain roads within city boundaries that are currently a part of the state-maintained system. Bill does this by specifying that DOT's role is to construct and maintain a system of primary roads and highways. The League has concerns about the impact of this legislation. . . .

Water allocation bill introduced

- *SB 907 – Water Resource Policy Act of 2009* has been introduced to establish administrative and judicial policies on water allocation. Included is permit program for withdrawals of more than 100,000 gallons per-day from surface or groundwater sources. Requires hydrologic modeling throughout state and provides for adjustment of withdrawal amounts in river basins where existing or future withdrawals are projected by models to exceed available supply. Authorizes creation of river basin planning organizations to manage water resource supply and demand. Provides for DENR to issue interim allocations for water withdrawals in basins where hydrologic model has not been adopted. Legislation sets significant long-term policies and League is closely involved in discussions. . . .

Wind Energy Facilities

- The state would establish a permitting system and criteria for wind energy facilities under the requirements of *HB 809 – Permitting of Wind Energy Facilities*. Bill specifies that it does not limit the ability of a city or county to plan for and regulate siting of a wind energy facility under its land use regulations. Clarification of local authority in these matters is one of the League's legislative priorities. . . .

Separation allowances for firefighters and rescue squad workers

- *SB 908 – Fire and Rescue Separation Allowances* would provide annual separation allowance equal to 0.575 percent of base annual salary for each year of creditable service. Career firefighters and rescue squad workers would be eligible for allowance at 30 years or 55 years and five or more years of service. Allowance would be paid until individual becomes eligible for unreduced Social Security benefits. The League opposes. . . .

Smoking ban advances

- The House Judiciary I Committee has given a favorable report to *HB 2 – Prohibit Smoking in Public and Work Places*. The bill prohibits smoking in public places and in public and private workplaces. It would lift the

preemption of local government ordinances and allow local ordinances to be more restrictive than state law The League supports this legislation based on our Municipal Core Principles. . . .

Jordan Lake Rules

- We continue to work on revisions to the proposed Jordan Lake rules to address various concerns and to achieve a reasonable compromise. Specific aspects of the rules that need modification or removal include costly and burdensome provisions for stormwater retrofit of existing development, the timeline for wastewater treatment upgrades, and requirements for local governments to implement the state's buffer program. Jordan Lake rules likely to be used as model for rules elsewhere, so issue is of statewide importance...

Federal Stimulus Spotlight

Wastewater project applications

Applications for wastewater stimulus funding will be accepted through Friday, April 3, 2009. The Construction Grants & Loans section of the NC Department of Environment and Natural Resources has instructions for applying at www.nccgl.net/Stimulus.html. Please contact Section Chief Dan Blaisdell with questions at (919) 715-6211...

EPA stimulus guides

EPA has assembled guides for local governments to assist in seeking out federal stimulus funding. The guides offer program details and contact information. A general clean energy guide is at www.epa.gov/cleanenergy/documents/slb_guide_to_program_resources.pdf, while an energy efficiency guide is at www.epa.gov/cleanenergy/documents/local_guide_to_arra.pdf.

Get updated stimulus information

The UNC-CH School of Government has established a listserv for elected and appointed officials to share federal stimulus information. To register for the listserv, please visit <http://www.sog.unc.edu/listservs.html>...

Please visit <http://www.nclm.org/stimulus.htm> for updated information.

Regulatory Update

Permeable pavement rule change APRIL 1:

All parking lots with at least one acre of vehicular surface area approved for construction on or after April 1, 2009 will be limited in impervious cover of no more than 80 percent of the total area devoted to parking. The new statutory requirements only apply in those areas that are not presently mandated by state or federal provisions to treat stormwater runoff. Read the new requirements at <http://h2o.enr.state.nc.us/su/parkingspaces.htm>.

Introduction to the NC Environmental Stewardship Initiative

In a webinar April 7, staff of the N.C. Environmental Stewardship Initiative will give an introduction to this program, which assists participating facilities promote healthy environmental practices. The Initiative is a voluntary program open to DENR-regulated facilities, including city and town facilities. Currently 118 sites are members. Register for webinar at <https://www1.gotomeeting.com/register/637460646>. Learn more about the NC Environmental Initiative at <http://www.p2pays.org/esi>. . . .

Bill Summaries

ENVIRONMENT

HB 782 – SAFE ARTIFICIAL SLOPE CONSTRUCTION ACT

Sponsors: Rapp, Fisher, Haire

Status: House Environment

Requires local governments to adopt ordinances regulating site

planning, design and construction of artificial slopes in mountainous areas, where slope is 40% or greater or area has a moderate or high slide hazard ranking.

preemption of local government ordinances and allow local ordinances to be more restrictive than state law The League supports this legislation based on our Municipal Core Principles. . . .

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REPORT OF COMMITTEES

**RIGHT OF WAY
COMMITTEE RECOMMENDATIONS
AND MINUTES
April 1, 2009**

I. Call To Order

The regular monthly meeting of the Right of Way Committee was held in the Boardroom of the William H. Mull Building and called to order at approximately 9:00 a.m. on Wednesday, April 1, 2009. The following Right of Way Committee members were present: Glenn Kelly, Mike Sobol, Jackie Bryson, Jon Creighton, and Jerry VeHaun.

Others present were: Steven Aceto, Chairman of the Board; Tom Hartye, Ed Bradford, Angel Banks, Mike Stamey, Roger Watson, Scott Powell, Jim Hemphill, Wesley Banner and Pam Nolan, M.S.D.

II. Inquiry as to Conflict of Interest

Mr. Kelly inquired if anyone had a conflict of interest with Agenda items. There was none.

III. Consideration of Condemnations – Forest Hills Drive #2 PRP, Project No. 2004258

This project is located in a residential area in Kenilworth and backs up to Biltmore Avenue. The existing sewer line is located in a gully in a wooded area and meanders in and out of a small creek. There are steep slopes on either side of the existing sewer line.

Due to the location of the existing sewer line the new alignment had to be relocated in order to mitigate the erosion difficulties associated with installing the sewer along the creek. The proposed sewer alignment is proposed to run across the rear portion of several contiguous lots. Tree loss is the major concern voiced by the affected property owners.

During several meetings on site property owners have gotten together in numbers to voice their opposition to the project making individual property owner negotiations difficult. Staff has adjusted the proposed location to the greatest extent possible given site constraints, topography, and adjacent easements already secured.

PIN No. 9648.15-53-9389 - The property owner’s concern is in regard to the loss of trees on their property. Several meetings were held onsite including one meeting with the project engineer present to discuss two possible realignments to the proposed sewer. Despite several phone calls, meetings and emails, the property owner has not agreed to sign.

Total Contacts: 8

PIN NO. 9648.15-53-9496 – The property owner’s concern is in regard to the compensation being offered (\$1310.00), loss of trees, and loss of potential buildable area on their property. The property owner wants to build on the rear of this narrow (0.48 acre) lot in the future. Per a discussion with Julia Cogburn, with the City of Asheville Planning Department, the subdivision of this property would not be possible without creating a flag lot and a variance would be required due to the minimum street frontage of 70’ not being met. Julia indicated during this conversation that it would be very doubtful that a variance of this scope would be granted for this property. Several meetings were held onsite including one meeting with the project engineer present to discuss two possible realignments to the proposed sewer. Despite several phone calls, meetings and emails the property owner has not agreed to sign.

Total Contacts: 6

PIN NO. 9648.15-63-0501 – The property owner’s concern is in regard to the compensation being offered (\$69.00). The proposed easement area on this property is small with 42 SF of permanent easement and 274 SF of temporary construction easement. The property owner declined to meet on site to discuss any further concerns they may have pertaining to the project. Despite several phone calls, and door hangers left at the residence the property owners have not agreed to sign.

Total Contacts: 6

STAFF RECOMMENDATION: Authority to obtain appraisals and proceed with condemnations.

Ms. Banks explained the location of the above project and reviewed the proposed condemnations. Ms. Banks further added that since this writing, Staff has had two additional meetings, offered a third alternate alignment, flagged site, and per owner’s input at on-site review, agreed to further changes in manhole locations to assure saving mature trees (36” poplar and 24” oak). Ms. Banks stated that the project engineer, Mr. Roger Watson, has done an excellent job of working with the property owners to keep the alignment as close to the creek as possible per the owner’s wishes, while trying to keep the alignment far enough away from the creek to minimize erosion control issues. Mr. Aceto asked why the line was being replaced. Ms. Banks stated that this was an 8” clay line that was falling apart and is being replaced with an 8” ductile iron pipe. Ms. Banks stated that the final alignment that was offered this week will increase the buildable area over the original design and save trees but will also increase MSD’s cost to about \$3,000.00 extra in revisions to plats and construction plans and about \$3,500.00 increase in cost to construction by adding manholes. Mr. Sobol asked if the changes cause the alignment to shift out of the existing easement. Ms. Banks stated yes. Mr. Bradford stated that the line had to be relocated from it’s existing location anyway due to being on the bank of the creek. There was discussion regarding minimal likelihood of these lots being buildable due to their small size and zoning regulations. Mr. VeHaun made the motion to accept Staff’s recommendation. Mr. Sobol seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Authority to obtain appraisals and proceed with condemnations.

IV. Consideration of Compensation Budgets –

Cub Road Sewer Replacement, Project No. 2008173
Harmony Lane Sewer Rehabilitation, Project No. JC 432952
Laurel Road Phase II Rehabilitation, Project No. 2007321

The attached Compensation Budgets are based on current ad valorem tax values and follow the MSD approved formula.

STAFF RECOMMENDATION: Approval of Compensation Budgets.

Ms. Banks explained that the Cub Road Replacement Project is located off of North Bear Creek Road in the vicinity of Johnston Boulevard and consists of approximately 312 lf of 8” DIP to replace existing 4” orangeburg and pvc which is undersized and in poor condition.

Ms. Banks explained that the Harmony Lane Project is located in the Oakley area off of Fairview Road and consists of approximately 355 lf of 8" DIP to replace the existing 6" clay pipe. This is a system services emergency project which has been causing overflows on the line and back ups in basement areas.

Ms. Banks explained that the Laurel Road Project is in the Royal Pines area off of Royal Pines Drive and consists of approximately 686 lf of 8" DIP to replace existing 6" orangeburg and clay pipe which is undersized and in poor condition.

There was no discussion. Mrs. Bryson made the motion to accept Staff's recommendation. Mr. VeHaun seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budgets.

IV. NCDOT Bridge Replacement Over Swannanoa River on NC 81

Background: NCDOT plans to replace the bridge over the Swannanoa River at the intersection of Biltmore Avenue at Thompson Street. Previously shelved, the project is now on fast track due to federal stimulus monies. Construction is anticipated to begin in June. MSD owns property along the north shoulder of Thompson Street and the edge of the Swannanoa River. The tract is extremely narrow and elongated, running approximately 1,200 feet in length and varies in depth from approximately 10 to 30 feet; total size is 0.63 Ac. NCDOT has requested that MSD convey ownership of approximately 1600 SF of land along Thompson Street's existing road shoulder to facilitate the realignment of Thompson Street, new sidewalk, curb/gutter and cut/fill slopes. See plan attached. They also request a temporary construction easement for approximately 2,950 SF lying between the aforementioned area and the Swannanoa River for a temporary staging area during construction. NCDOT has offered MSD \$9,200 via their appraisal process as compensation for the referenced areas. Further, due to stimulus monies available, they need MSD to execute a Deed and a Right of Entry to the necessary areas on or before April 30th.

Two MSD lines run in and out of this property, a 24-inch and 36-inch line (erroneously shown as a 12-inch and 24-inch line on NCDOT's plans). MSD has CCTV'd the line for field verification as to locations, materials, connections and current flows. NCDOT's plan calls for the southern bridge approach to be constructed directly over MSD's 24-inch line, creating an access conflict. However, per video information, the existing 24-inch line contains limited flows from only two connections and could be re-routed directly into the 36-inch line where there are no conflicts with the bridge construction.

STAFF RECOMMENDATION: Staff recommends that MSD convey to NCDOT the fee simple ownership and temporary construction easement areas described for \$1.00. Staff also recommends that language be added to the conveyance instruments that NCDOT will, in accordance with *NC General Statute 136-27.1*, be required to fund the relocation of any existing MSD lines and/or appurtenances in conflict with NCDOT construction plans, subject to review and approval by MSD.

Ms. Banks explained the above situation. The attached map shows a red highlighted area which represents what the NCDOT proposes to acquire in fee simple. The yellow highlighted area is what they are requesting for temporary construction easement. Mr. Kelly asked if it was customary for government authorities not to exchange monies. Ms. Banks explained that NCDOT is subject to federal rules (the "Uniform Act") which require they appraise all properties and offer all landowners an appraised amount. The NCDOT does not charge monies to MSD for encroachments. Mr. Kelly made the motion to accept Staff's recommendation. Mr. VeHaun seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: That MSD convey to NCDOT the fee simple ownership and temporary construction easement areas described for \$1.00. Staff also recommends that language be added to the conveyance instruments that NCDOT will, in accordance with *NC General Statute 136-27.1*, be required to fund the relocation of any existing MSD lines and/or appurtenances in conflict with NCDOT construction plans, subject to review and approval by MSD.

There being no further business the meeting adjourned at approximately 9:18 am.

CONSOLIDATED MOTION AGENDA

Metropolitan Sewerage District of Buncombe County

Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 4/1/2009

BOARD MEETING DATE: 4/15/2009

SUBMITTED BY: Tom Hartye, PE, General Manager
 PREPARED BY: Angel Banks, Right of Way Manager
 REVIEWED BY: Ed Bradford, PE, Director of CIP

**SUBJECT: Consideration of Condemnations – Forest Hills Drive #2 PRP,
 Project No. 2004258**

This project is located in a residential area in Kenilworth and backs up to Biltmore Avenue. The existing sewer line is located in a gully in a wooded area and meanders in and out of a small creek. There are steep slopes on either side of the existing sewer line.

Due to the location of the existing sewer line the new alignment had to be relocated in order to mitigate the erosion difficulties associated with installing the sewer along the creek. The proposed sewer alignment is proposed to run across the rear portion of several contiguous lots. Tree loss is the major concern voiced by the affected property owners.

During several meetings on site property owners have gotten together in numbers to voice their opposition to the project making individual property owner negotiations difficult. Staff has adjusted the proposed location to the greatest extent possible given site constraints, topography, and adjacent easements already secured.

PIN No. 9648.15-53-9389 - The property owner's concern is in regard to the loss of trees on their property. Several meetings were held onsite including one meeting with the project engineer present to discuss two possible realignments to the proposed sewer. Despite several phone calls, meetings and emails, the property owner has not agreed to sign.

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STAFF RECOMMENDATION: Authority to obtain appraisals and proceed with condemnations.

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COMMITTEE RECOMMENDATION: Authority to obtain appraisals and proceed with condemnations.

COMMITTEE ACTION TAKEN	
Motion by: Jerry VeHaun	To: <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by: Mike Sobol	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff
	<input type="checkbox"/> Other
BOARD ACTION TAKEN	
Motion by:	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff
	<input type="checkbox"/> Other

Metropolitan Sewerage District of Buncombe County Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 4/1/2009 . BOARD MEETING DATE: 4/15/2009

SUBMITTED BY: Tom Hartye, PE, General Manager
PREPARED BY: Angel Banks, Right of Way Manager
REVIEWED BY: Ed Bradford, PE, Director of CIP

SUBJECT: Consideration of Compensation Budgets –

**Cub Road Sewer Replacement, Project No. 2008173
Harmony Lane Sewer Rehabilitation, Project No. JC 432952
Laurel Road Phase II Rehabilitation, Project No. 2007321**

The attached Compensation Budgets are based on current ad valorem tax values and follow the MSD approved formula.

STAFF RECOMMENDATION: Approval of Compensation Budgets.

Ms. Banks explained that the Cub Road Replacement Project is located off of North Bear Creek Road in the vicinity of Johnston Boulevard and consists of approximately 312 lf of 8” DIP to replace existing 4” orangeburg and pvc which is undersized and in poor condition.

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Ms. Banks explained that the Laurel Road Project is in the Royal Pines area off of Royal Pines Drive and consists of approximately 686 lf of 8” DIP to replace existing 6” orangeburg and clay pipe which is undersized and in poor condition.

There was no discussion. Mrs. Bryson made the motion to accept Staff’s recommendation. Mr. VeHaun seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: Approval of Compensation Budgets.

COMMITTEE ACTION TAKEN	
Motion by: Jackie Bryson	To: <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by: Jerry VeHaun	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff
	<input type="checkbox"/> Other
BOARD ACTION TAKEN	
Motion by:	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff

Cub Road Sewer Replacement

Project Number 2008173

Compensation Budget

24-Mar-09

Pin Number and Name	Acres	Parcel SF	Land Value	LV/SF	PE	PE Assd. Value	50% PE Assd. Value	TCE SF	TCE Assd. Value	10% Annl Return	Proj Time (Months)	TCE Rent Value	Total Comp. (Rounded)
962806383010	0.22	9,583.20	\$30,400.00	\$3.17	1,162.33	\$3,684.59	\$1,842.29	1,186.29	\$3,760.54	\$376.05	1	\$31.34	\$1,874
962806375930	0.44	19,166.40	\$32,200.00	\$1.68	69.81	\$117.28	\$58.64	569.61	\$956.94	\$95.69	1	\$7.97	\$67
962806373838	0.23	10,018.80	\$30,500.00	\$3.04	433.04	\$1,316.44	\$658.22	1,199.69	\$3,647.06	\$364.71	1	\$30.39	\$689
962806374920	0.25	10,890.00	\$30,700.00	\$2.82	684.99	\$1,931.67	\$965.84	1,779.27	\$5,017.54	\$501.75	1	\$41.81	\$1,008
962806384001	0.30	13,068.00	\$31,100.00	\$2.38	1,789.97	\$4,260.13	\$2,130.06	1,611.72	\$3,835.89	\$383.59	1	\$31.97	\$2,162
962806372857	0.22	9,583.20	\$30,400.00	\$3.17	425.04	\$1,347.38	\$673.69	1,199.71	\$3,803.08	\$380.31	1	\$31.69	\$705
962806385044	0.47	20,473.20	\$32,400.00	\$1.58	181.03	\$286.03	\$143.01	676.12	\$1,068.27	\$106.83	1	\$8.90	\$152
962806372939	0.23	10,018.80	\$30,500.00	\$3.04	1,174.64	\$3,570.91	\$1,785.45	1,199.76	\$3,647.27	\$364.73	1	\$30.39	\$1,816

TOTALS:	\$8,472
Staff Contingency:	\$5,000
GM's Contingency	\$5,000
Amendment	
Total Budget:	\$18,472

Harmony Lane Sewer Rehabilitation

Project Number JC 432952

Compensation Budget

24-Mar-09

Pin Number and Name	Acres	Parcel SF	Land Value	LV/SF	PE	PE Assd. Value	50% PE Assd. Value	TCE SF	TCE Assd. Value	10% Annl Return	Proj Time (Months)	TCE Rent Value	Total Comp. (Rounded)
9657483477	0.29	12,632.40	\$28,300.00	\$2.24	850.60	\$1,905.34	\$952.67	2,062.68	\$4,620.40	\$462.04	1	\$38.50	\$991
9657483575	0.30	13,068.00	\$28,400.00	\$2.17	1,329.10	\$2,884.15	\$1,442.07	1,859.90	\$4,035.98	\$403.60	1	\$33.63	\$1,476
9657482429	0.26	11,325.60	\$26,300.00	\$2.32	572.37	\$1,327.90	\$663.95	2,679.14	\$6,215.60	\$621.56	1	\$51.80	\$716
TOTALS:												\$3,183	
Staff Contingency:												\$5,000	
GM's Contingency												\$5,000	
Amendment													
Total Budget:												\$13,183	

Laurel Road Phase II Rehabilitation

Project Number 2007321

Compensation Budget

24-Mar-09

Pin Number and Name	Acres	Parcel SF	Land Value	LV/SF	PE	PE Assd. Value	50% PE Assd. Value	TCE SF	TCE Assd. Value	10% Annl Return	Proj Time (Months)	TCE Rent Value	Total Comp. (Rounded)
9654469623	0.68	29,620.80	\$33,500.00	\$1.13	1,378.00	\$1,557.14	\$778.57	2,085.70	\$2,356.84	\$235.68	3	\$58.92	\$837
9654467393	0.31	13,503.60	\$31,100.00	\$2.30	244.40	\$562.12	\$281.06	1,666.20	\$3,832.26	\$383.23	3	\$95.81	\$377
9654469433	0.27	11,761.20	\$30,800.00	\$2.62	0.00	\$0.00	\$0.00	2,033.90	\$5,328.82	\$532.88	3	\$133.22	\$133
9654560519	0.32	13,939.20	\$31,200.00	\$2.24	123.70	\$277.09	\$138.54	2,202.90	\$4,934.50	\$493.45	3	\$123.36	\$262
9654468288	0.39	16,988.40	\$31,800.00	\$1.87	512.00	\$957.44	\$478.72	2,074.20	\$3,878.75	\$387.88	3	\$96.97	\$576
9654468455	0.22	9,583.20	\$30,400.00	\$3.17	564.20	\$1,788.51	\$894.26	2,001.70	\$6,345.39	\$634.54	3	\$158.63	\$1,053
9654467120	0.24	10,454.40	\$30,600.00	\$2.93	0.00	\$0.00	\$0.00	811.30	\$2,377.11	\$237.71	3	\$59.43	\$59
9654560742	0.19	8,276.40	\$28,200.00	\$3.41	258.00	\$879.78	\$439.89	0.00	\$0.00	\$0.00	3	\$0.00	\$440

TOTALS:	\$3,737
Staff Contingency:	\$5,000
GM's Contingency	\$5,000
Amendment	
Total Budget:	\$13,737

Metropolitan Sewerage District of Buncombe County

Board Action Item - Right-of-Way Committee

COMMITTEE MEETING DATE: 4/1/2009

BOARD MEETING DATE: 4/15/2009

SUBMITTED BY: Tom Hartye, PE, General Manager
 PREPARED BY: Angel Banks, Right of Way Manager
 REVIEWED BY: Ed Bradford, PE, Director of CIP

SUBJECT: NCDOT Bridge Replacement Over Swannanoa River on NC 81

Background: NCDOT plans to replace the bridge over the Swannanoa River at the intersection of Biltmore Avenue at Thompson Street. Previously shelved, the project is now on fast track due to federal stimulus monies. Construction is anticipated to begin in June. MSD owns property along the north shoulder of Thompson Street and the edge of the Swannanoa River. The tract is extremely narrow and elongated, running approximately 1,200 feet in length and varies in depth from approximately 10 to 30 feet; total size is 0.63 Ac. NCDOT has requested that MSD convey ownership of approximately 1600 SF of land along Thompson Street's existing road shoulder to facilitate the realignment of Thompson Street, new sidewalk, curb/gutter and cut/fill slopes. See plan attached. They also request a temporary construction easement for approximately 2,950 SF lying between the aforementioned area and the Swannanoa River for a temporary staging area during construction. NCDOT has offered MSD \$9,200 via their appraisal process as compensation for the referenced areas. Further, due to stimulus monies available, they need MSD to execute a Deed and a Right of Entry to the necessary areas on or before April 30th.

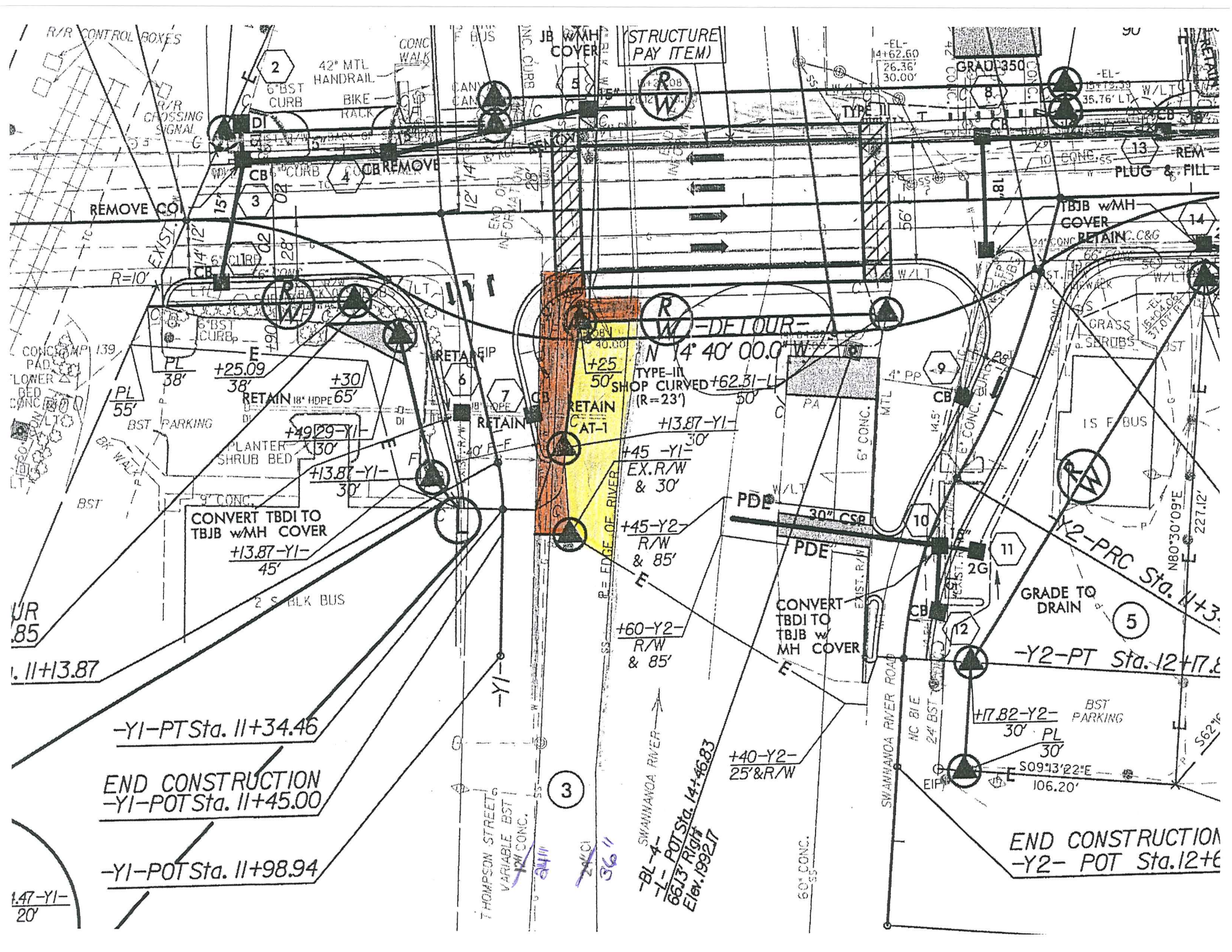
Two MSD lines run in and out of this property, a 24-inch and 36-inch line (erroneously shown as a 12-inch and 24-inch line on NCDOT's plans). MSD has CCTV'd the line for field verification as to locations, materials, connections and current flows. NCDOT's plan calls for the southern bridge approach to be constructed directly over MSD's 24-inch line, creating an access conflict. However, per video information, the existing 24-inch line contains limited flows from only two connections and could be re-routed directly into the 36-inch line where there are no conflicts with the bridge construction.

STAFF RECOMMENDATION: Staff recommends that MSD convey to NCDOT the fee simple ownership and temporary construction easement areas described for \$1.00. Staff also recommends that language be added to the conveyance instruments that NCDOT will, in accordance with *NC General Statute 136-27.1*, be required to fund the relocation of any existing MSD lines and/or appurtenances in conflict with NCDOT construction plans, subject to review and approval by MSD.

Ms. Banks explained the above situation. The attached map shows a red highlighted area which represents what the NCDOT proposes to acquire in fee simple. The yellow highlighted area is what they are requesting for temporary construction easement. Mr. Kelly asked if it was customary for government authorities not to exchange monies. Ms. Banks explained that NCDOT is subject to federal rules (the "Uniform Act") which require they appraise all properties and offer all landowners an appraised amount. The NCDOT does not charge monies to MSD for encroachments. Mr. Kelly made the motion to accept Staff's recommendation. Mr. VeHaun seconded the motion. Voice vote was unanimous.

COMMITTEE RECOMMENDATION: That MSD convey to NCDOT the fee simple ownership and temporary construction easement areas described for \$1.00. Staff also recommends that language be added to the conveyance instruments that NCDOT will, in accordance with *NC General Statute 136-27.1*, be required to fund the relocation of any existing MSD lines and/or appurtenances in conflict with NCDOT construction plans, subject to review and approval by MSD.

COMMITTEE ACTION TAKEN	
Motion by: Glenn Kelly	To: <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by: Jerry VeHaun	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff
	<input type="checkbox"/> Other
BOARD ACTION TAKEN	
Motion by:	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to Staff



STRUCTURE
PAY ITEM

GRAD -350

DETOUR
 $N 14^{\circ} 40' 00.0" W$
TYPE-III
SHOP CURVED
 $(R=23')$
 $50'$
 $+62.31$

CONVERT TBDI TO
TBJB w/MH COVER
 $+13.87 -Y1-$
 $45'$

CONVERT
TBDI TO
TBJB w
MH COVER

END CONSTRUCTION
 $-Y1-POT Sta. 11+45.00$

$-Y1-POT Sta. 11+98.94$

END CONSTRUCTION
 $-Y2-POT Sta. 12+6$

SWANNAWOCA RIVER
 $-BL-4-$
 $-L- POT Sta. 14+46.83$
66J3' Right
Elev. 199.217

$1.47 -Y1-$
 $20'$

$60" CONC.$

$+7.82 -Y2-$
 $30' PL$
 $30'$
 $S09^{\circ}13'22"E$
 $106.20'$

GRADE TO
DRAIN

$-Y2-PT Sta. 12+17.8$

15 F BUS

TBJB w/MH
COVER
RETAIN C&G

PLUG & FILL

CONC. 55

W/LT

RETAIN

SWANNAWOCA RIVER ROAD

NC BLE
24' BST

EAST. R/W

6' CONC.

W/LT

EL-
 $+462.60$
 $76.36'$
 $30.00'$

TYPE III

CONC.

W/LT

PDE

PDE

W/LT

PA

4" PP

W/LT

W/LT

W/LT

W/LT

W/LT

W/LT

$+40 -Y2-$
 $25' & R/W$

$+60 -Y2-$
 R/W
 $& 85'$

$+45 -Y2-$
 R/W
 $& 85'$

$+45 -Y1-$
 $EX. R/W$
 $& 30'$

$+13.87 -Y1-$

$+25$
 $50'$

$+40.00$

$+13.87$

$+13.87$

$+13.87$

R

W

R

W

R

W

3

3

3

3

3

3

3

3

3

3

3

3

3

3

THOMPSON STREETS
VARIABLE BST
PH CONC.

24" CI

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

36"

CONC. WALK

42" MTL HANDRAIL

BIKE RACK

6" BST CURB

6" BST CURB

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Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Tom Hartye, P.E. - General Manager

PREPARED BY: Monty Payne, MSD Industrial Waste – Pretreatment Program
John Kiviniemi, Director of Water Reclamation

SUBJECT: Declaration of Intent to Adopt Revised MSD Sewer Use Ordinance

BACKGROUND: The Sewer Use Ordinance was last adopted in May of 2003. Since last approval of the Board, the Ordinance has undergone two changes. First, the State required local Pretreatment Programs to have a maximum civil penalty authority equal to the Secretary of the Department of Natural Resources (DENR). This change allowed Pretreatment Programs to issue civil penalties up to \$25,000 per violation per day. Secondly, The Streamlining Rule was published in the Federal Register by the EPA. This rule revised parts of the General Pretreatment Regulations (40 CFR Part 403). Streamlining was designed to reduce the overall regulatory burden of both the Industrial User (IU) and the Control Authority (MSD), without adversely affecting the environmental protection.

The changes, listed below, allow the Control Authority to focus oversight resources on IUs with the greatest potential for affecting MSD and the environment.

- Control Authorities may authorize an IU subject to categorical Pretreatment Standards to reduce sampling of a pollutant if the IU demonstrates that a given pollutant is neither present nor expected to be present in the discharge. [§§ 403.8(f)(2)(v) and 403.12]
- Control Authorities may authorize the use of equivalent concentration limits in lieu of mass limits for Categorical Industrial Users (CIUs) in certain industrial categories. [§ 403.6(c)(6)]
- Control Authorities may issue general control mechanisms to groups of Significant Industrial Users (SIUs) that are substantially similar. [§ 403.8(f)(1)(iii)]
- Control Authorities may reduce oversight of certain Categorical Industrial Users based on percentage of contribution to the POTW.
- Control Authorities may reduce oversight of certain Industrial Users that may be reclassified as Non-Significant Categorical Industrial Users (NCSIUs).

In addition to reducing the regulatory burden, Streamlining worked to improve the effectiveness of Pretreatment Programs. This was accomplished through:

- Providing greater flexibility in the use of certain sampling techniques.
- Allows in certain circumstances for CIUs' concentration-based categorical Pretreatment Standards to be expressed in equivalent mass limits. [§ 403.6(c)(5)]
- Clarifies that POTWs may use Best Management Practices (BMPs) as alternatives to numeric limits that are developed to protect the POTW, water quality, and sewage sludge.
- Clarifies the definition of significant noncompliance (SNC) as it applies to violations of instantaneous and narrative requirements, and late reports.
- Makes other miscellaneous changes designed to maintain consistency with the NPDES regulations or to correct typographical errors.

FISCAL IMPACT: Limited to reproduction and postage costs.

STAFF RECOMMENDATION: For the MSD Board to endorse this declaration of intent to adopt the revised MSD sewer use ordinance, after which the SUO will be sent out to the local governing bodies within the District for review & comment. Staff will take comments and suggestions into consideration before bringing the SUO back to the Broad for final adoption.

BOARD ACTION TAKEN	
Motion by:	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	

Sewer Use Ordinance

Metropolitan Sewerage District
of
Buncombe County, North Carolina



THOMAS E. HARTYE, P.E.
GENERAL MANAGER

TABLE OF CONTENTS

	<u>Page</u>
SECTION 1 GENERAL PROVISIONS	
1.01 Purpose and Policy	1
1.02 Abbreviations	1
1.03 Definitions	2
1.04 Inclusion in Definitions	10
SECTION 2 SEWERS REQUIRED	
2.01 Discharge of Untreated Wastewater Prohibited	11
2.02 Use of Sanitary Sewers	11
SECTION 3 PRIVATE WASTEWATER DISPOSAL	
3.01 Holding Tank Waste	12
3.02 Additional Requirements	12
SECTION 4 WASTEWATER DISCHARGE PERMITS	
4.01 Unauthorized Connections to Sewerage System	13
4.02 Permits to Discharge Industrial Waste for New Sources	13
4.03 Significant Changes in Industrial Waste Discharge	16
4.04 Permits to Discharge Industrial Waste for Existing Industrial Users	17
4.05 Discharge Prohibited Where Permits Denied	17
4.06 Conditions for Issuing or Renewing Permits	18
4.07 Permits for Industries Subject to National Categorical Pretreatment Standards	18
4.08 Permit Provisions	18
4.09 Permit Conditions and Duration	19
4.10 Permit Transfers	19
SECTION 5 EXCLUDED WASTES	
5.01 General Prohibitions	20
5.02 Prohibited Wastes	20
5.03 Specific Prohibited Wastes	21
5.04 Specific Pollutant Limitations	22
5.05 Standards and Requirements for Food Service Establishments	24
5.06 Construction Standards for New Food Service Establishments	25
5.07 Construction Standards for Existing Food Service Establishments	26
5.08 New Food Service Establishments in Existing Buildings	27
SECTION 6 PRETREATMENT	
6.01 Responsibility for Pretreatment	28
6.02 Authorization to Construct	28
6.03 Maintenance of Pretreatment Facilities	28
6.04 Additional Pretreatment Measures	28
6.05 Pretreatment for Accidental Discharge	29
SECTION 7 FLOW AND CONCENTRATION CONTROL	
7.01 Discharge of Slugs Prohibited	30
7.02 Control of Discharge Rates	30
7.03 Spill Control Response Plan/ Slug Discharge Plan	30
7.04 Reporting of Spill/Slug Discharges	30

TABLE OF CONTENTS (continued)

	<u>Page</u>
SECTION 8 MEASUREMENT OF FLOW	
8.01 Determination of Wastewater Volumes	31
8.02 Provision, Calibration and Certification of Flow Meters	31
8.03 Identification of All Flows Required	32
SECTION 9 MONITORING FACILITIES	
9.01 General Requirements for Monitoring Facilities	33
9.02 Maintenance of Monitoring Facilities	33
9.03 Continuous Recording and Sampling Equipment	33
9.04 Construction Periods	33
9.05 Additional Facilities for Present Users	33
9.06 Monitoring Facilities for New Users	33
SECTION 10 INSPECTIONS, MONITORING REPORTING AND RECORDS	
10.01 Periodic Inspections	34
10.02 Reporting Requirements for Applicable Categorical Standards	34
10.03 Compliance Schedule Progress Reports	35
10.04 Reports on Compliance with Categorical Pretreatment Standards Deadline	35
10.05 Periodic Compliance Reports for Significant Industrial Users	35
10.06 Reports of Changed Conditions	36
10.07 Reports of Potential Problems	36
10.08 Notice of Violation/Repeat Sampling and Reporting	36
10.09 Sampling, Analyses and Reporting for All Users	37
10.10 Notification of Discharge of Hazardous Material	38
SECTION 11 AUTHORITY FOR INSPECTION	
11.01 Right of Entry	39
11.02 Ready Access	39
11.03 Monitoring Access	39
11.04 Security Arrangements	39
11.05 Search Warrant	39
SECTION 12 CONFIDENTIAL INFORMATION	
12.01 Confidential Information	40
SECTION 13 PROTECTION OF EQUIPMENT	
13.01 Protection of Equipment	41
SECTION 14 ENFORCEMENT, PENALTIES AND COSTS	
14.01 Enforcement Action	42
14.02 Civil Penalties	44
14.03 Hearing	45
14.04 Other Remedies	46
14.05 Remedies Nonexclusive	46
14.06 Affirmative Defenses to Discharge Violations	47
14.07 Annual Publication of Significant Noncompliance	48

TABLE OF CONTENTS (continued)

	<u>Page</u>
SECTION 15 FEES	
15.01 User Charges and Fees	49
15.02 User Charge and Fee Schedules	49
SECTION 16 SEWER EXTENSION PERMITS	
16.01 Purpose	50
16.02 Definitions	50
16.03 Permit for Extension or Modification to the Sewer System	50
16.04 Processing of Applications	51
16.05 Enforcement	52
16.06 Hearing	52
16.07 Permit Not Transferable	52
SECTION 17 SPECIAL ARRANGEMENTS	
17.01 Special Arrangements	56
SECTION 18 SEVERABILITY	
18.01 Severability	57
SECTION 19 CONFLICT	
19.01 Conflict with Other Ordinances and Regulations	58
19.02 Conflict with Federal, State or Local Law	58
SECTION 20 AMENDMENT	
20.01 Amendments	59
SECTION 21 ADOPTION AND EFFECTIVE DATE	
21.01 Declaration of Intent to Adopt	60
21.02 Consideration of Comments and Suggestions	60
21.03 Adoption and Effective Date	60

A RESOLUTION ADOPTING AN ORDINANCE FOR
THE METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA
TO REGULATE AND CONTROL
DISCHARGE OF WASTEWATER INTO THE
SEWERAGE SYSTEM AND ISSUANCE OF SEWER EXTENSION PERMITS
BY THE METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA

BE IT RESOLVED BY THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF
BUNCOMBE COUNTY, NORTH CAROLINA:

**That the District Board of the Metropolitan Sewerage District of Buncombe County, North
Carolina does hereby adopt the following Ordinance:**

SEWER USE ORDINANCE
OF THE
METROPOLITAN SEWERAGE DISTRICT
OF
BUNCOMBE COUNTY, NORTH CAROLINA

SECTION 1 GENERAL PROVISIONS

Section 1.01 Purpose and Policy

This Sewer Use Ordinance is adopted pursuant to provisions of North Carolina General Statutes, Section 162 A-69, and Section 162 A-81. This Ordinance enables the Metropolitan Sewerage District (MSD) to comply with applicable State and Federal laws, including the Clean Water Act (33 United States Code §1251 et seq.), the General Pretreatment Regulations (40 CFR, Part 403) and North Carolina General Statutes, Chapter 143, Article 21. This Ordinance shall apply to all persons who are users or may become users of the sewerage system of the Metropolitan Sewerage District of Buncombe County, North Carolina. It is the purpose of this Ordinance to protect, preserve, and promote the public health and environment of the District.

The objectives of this Ordinance are:

- 1.01.01 To prevent the introduction of pollutants into the sewerage system that will interfere with the operation of the system or contaminate the resulting sludge;
- 1.01.02 To prevent the introduction of pollutants into the sewerage system, which will pass through the system, inadequately treated, into any waters of the State or otherwise, be incompatible with the sewerage system;
- 1.01.03 To promote reuse and recycling of industrial wastewater and sludges from the sewerage system;
- 1.01.04 To protect both sewerage system personnel who may be affected by sewage, sludge, and effluent in the course of their employment as well as protecting the general public;
- 1.01.05 To provide for equitable distribution of the cost of operation, maintenance and improvement of the sewerage system; and
- 1.01.06 To ensure that the sewerage system complies with its NPDES or Collection System Permit conditions, sludge use and disposal requirements, and any other Federal or State laws to which the sewerage system is subject.
- 1.01.07 This Ordinance provides for the regulation of direct and indirect contributors to the sewerage system, through the issuance of permits to certain non-domestic users and through enforcement of general requirements for other users. Any user located outside the boundaries of MSD agrees to comply with the terms and conditions established in this Ordinance, as well as any permits, enforcement actions or orders issued hereunder.

The General Manager shall administer, implement, and enforce the provisions of this Ordinance. Any powers granted to or imposed upon the General Manager may be delegated to other MSD personnel. By discharging wastewater into the municipal wastewater system, users located outside the District boundaries agree to comply with the terms, and conditions established in this Ordinance, as well as any permits, enforcement actions, or orders issued hereunder.

Section 1.02 Abbreviations

The following abbreviations shall have the designated meanings:

- 1.02.01 **BOD** - Biochemical Oxygen Demand
- 1.02.02 **CFR** - Code of Federal Regulations
- 1.02.03 **COD** - Chemical Oxygen Demand
- 1.02.04 **°C** - Degrees Celsius
- 1.02.05 **°F** - Degrees Fahrenheit

1.02.06	DENR	- (The) North Carolina Department of Environment and Natural Resources, Division of Water Quality
1.02.07	EPA	- (The) U. S. Environmental Protection Agency
1.02.08	l	- Liter.
1.02.09	mg	- Milligram(s)
1.02.10	mg/l	- Milligram(s) per Liter
1.02.11	MSD	- (The) Metropolitan Sewerage District of Buncombe County, North Carolina
1.02.12	NPDES	- National Pollutant Discharge Elimination System
1.02.13	POTW	- Publicly Owned Treatment Works
1.02.14	RCRA	- Resource Conservation and Recovery Act of 1976 as amended
1.02.15	SIU	- Significant Industrial User
1.02.16	TSS	- Total Suspended Solids
1.02.17	U.S.C.	- United States Code

Section 1.03 Definitions

The following words, terms and phrases, wherever used in this Ordinance, shall have the meanings respectively ascribed to them in this section unless the context plainly indicates otherwise or that a more restricted or extended meaning is intended.

- 1.03.01 **Act or "the Act"**: The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. §1251, et seq.
- 1.03.02 **Accidental Discharge**: Any release of Wastewater, which, for any unforeseen reason, fails to comply with any prohibition or limitation in this Ordinance.
- 1.03.03 **Approval Authority**: The Director, the Division of Water Quality of North Carolina Department of Environment and Natural Resources or his designee (DENR).
- 1.03.04 **Authorized Representative of the Industrial User**: If the industrial user is a corporation, Authorized Representative shall mean:
- A. The president, secretary, or a vice-president of the corporation in charged of a principal business function, or any other person who performs similar policy or decision making functions for the corporation., or
 - B. The manager of one or more manufacturing, production, or operation facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment decisions, and initiate and direct comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - C. A general partner or proprietor if the Industrial User is a partnership or proprietorship, respectively.
 - D. If the Industrial User is a Federal, State, or local government facility, an Authorized Representative shall mean a director or highest official appointed or designated to oversee the operation and performance of the activities of the government facility.
 - E. The individuals described in paragraphs (A) through (D) above may designate another person to be an Authorized Representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to MSD.

- F. If the designation of an Authorized Representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of this section must be submitted to the General Manager prior to or together with any reports to be signed by an Authorized Representative.
- 1.03.05 **Best Management Practice (BMP):** A practice or combination of practices that are determined to be the most effective and practicable means of reducing/controlling pollutants (including treatment requirements, operating procedures, schedules of activities, prohibition of practices, maintenance procedures, or other management practices).
- 1.03.06 **Biochemical Oxygen Demand or BOD:** The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures in five (5) days at 20°C (68°F) expressed in terms of weight and volume (mg/L).
- 1.03.07 **Building Sewer or House Connection:** The connecting pipe from a building, beginning five (5) feet outside the inner face of the building wall, to a sanitary sewer.
- 1.03.08 **Bypass:** The intentional or unintentional diversion of waste streams from any portion of a user's facility.
- 1.03.09 **Categorical Standard:** National Categorical Pretreatment Standard or Pretreatment Standard as defined in Subsection 1.03.39.
- 1.03.10 **Color:** Considered to be the true color of the light transmitted by a waste solution after removing suspended material including pseudocolloidal particles.
- 1.03.11 **Collection System Permit:** A permit issued by DENR to MSD for the operation and maintenance of a wastewater collection system, in accordance with the provisions of Article 21 of N.C.G.S. 143, as amended.
- 1.03.12 **Composite Sample or Twenty-Four Hour Sample:** A sample made by combining a number of grab samples collected over a defined period of time. A composite sample may be either a:
- A. **Flow Proportional Composite Sample:** A sample composed of sample aliquots combined in proportion to the amount of flow occurring at the time of their collection. Such samples may be composed of equal aliquots being collected after equal predetermined volumes of flow pass the sample point or of flow proportional grab sample aliquots being collected at predetermined time intervals so that at least eight (8) aliquots are collected per twenty-four (24) hours. The General Manager, or his designee, shall determine the number of samples necessary to ensure representative sampling.
- B. **Time Proportional Composite Sample:** A sample composed of equal sample aliquots taken at equal time intervals of not more than two hours over a defined period of time. Samples taken in accordance with the requirements of (A) or (B) above shall be taken in number sufficient to ensure representative sampling. The General Manager, or his designee, shall determine the number of samples necessary to ensure representative sampling.
- 1.03.13 **Combined Sewer:** A sewer receiving both surface runoff and wastewater.
- 1.03.14 **Constituents:** The specific compounds and components that comprise a wastewater.
- 1.03.15 **Control Authority:** The Metropolitan Sewerage District of Buncombe County, North Carolina.

- 1.03.16 **Cooling Water:** The wastewater discharged from any use such as air conditioning, cooling or refrigeration or to which the only Pollutant added is heat.
- 1.03.17 **Direct Discharge:** The discharge of treated or untreated wastewater directly to the waters of the State of North Carolina.
- 1.03.18 **Domestic Waste:** All liquid and waterborne pollutants as defined in Subsection 1.03.50 exclusive of unpolluted wastewater as defined in Subsection 1.03.80 or wastewater or process wastes from operations of Industrial Users as defined in Subsection 1.03.32.
- 1.03.19 **The District:** The Metropolitan Sewerage District of Buncombe County, North Carolina (MSD).
- 1.03.20 **District Board:** The District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina.
- 1.03.21 **Environmental Protection Agency or EPA:** The U. S. Environmental Protection Agency or, where appropriate, the term may also be used as a designation for the Administrator or other duly authorized official of said Agency.
- 1.03.22 **Fact Sheet:** Permit Synopsis as defined in Subsection 1.03.46.
- 1.03.23 **FOG:** Fats, Oils, Grease and related substances of similar characteristics.
- 1.03.24 **Flammable:** Shall be as defined in Subsection 5.03.01 and 02.
- 1.03.25 **Food Service Establishment:** A facility discharging kitchen or food preparation wastewaters such as restaurants, motel, hotels, cafeterias, delicatessen, meat cutting-preparation, bakeries, hospitals, schools, bars, or any other facility which in the District's discretion, may require a grease trap installation by virtue of its operation.
- 1.03.26 **General Manager:** The Chief Administrative Officer of MSD who is charged with administrative control of all operations of MSD and is responsible directly to the District Board. As used herein, it may also include any other MSD employee delegated to act for MSD by the General Manager or by the District Board.
- 1.03.27 **Grab Sample:** A sample which is taken from a Waste stream on a one-time basis and collected over a period of time not to exceed fifteen (15) minutes with no regard to the flow in the Waste stream and without consideration of time.
- 1.03.28 **Grease Interceptor:** A device utilized to effect the separation of grease and oils in wastewater effluent from a food service establishment. An interceptor is a vessel of the outdoor or underground type normally of the 1,000-gallon capacity or more, constructed of concrete, steel, or fiberglass.
- 1.03.29 **Grease Trap:** A device utilized to effect the separation of grease and oils in wastewater effluent from a food service establishment. A trap is an under-the-counter" or floor package unit, which is typically less than 100-gallons, constructed of steel or fiberglass.
- 1.03.30 **Holding Tank Waste:** Any waste from holding tanks, including by way of example but not limitation, vessels, chemical toilets, campers, trailers, septic tanks and vacuum-pump tank trucks.
- 1.03.31 **Indirect Discharge or Discharge:** The discharge or the introduction from any non-domestic source regulated under Section 307(b), (c), or (d) of the Act, (33 U.S.C. 1317), into the sewerage system (including holding tank waste discharged into the sewerage system).

- 1.03.32 **Industrial User:** Any user of the sewerage system who discharges industrial waste, as that term is defined in Subsection 1.03.33, into the sewerage system.
- 1.03.33 **Industrial Waste:** The liquid and waterborne pollutants resulting from processes or operations generated by industrial and commercial establishments.
- 1.03.34 **Infiltration:** The water entering sanitary sewers and building sewers from the soil through defective joints, broken or cracked pipe, improper connections, manhole walls or other defects in sanitary sewers as defined in Subsection 1.03.62 or building sewers as defined in Subsection 1.03.07. Infiltration does not include and is distinguished from Inflow.
- 1.03.35 **Inflow:** The water discharged into sanitary sewers and building sewers from such sources as down spouts, roof leaders, stormwater drainage systems, cellar and yard area drains, foundation drains, commercial and industrial discharges of unpolluted wastewater as defined in Subsection 1.03.80, drains from springs and swampy areas, etc. it does not include and is distinguished from Infiltration.
- 1.03.36 **Interference:** The inhibition or disruption of the wastewater treatment processes, operations, or its sludge process, use or disposal which causes or contributes to a violation of any requirement of a POTW's NPDES Permit or Collection System Permit, or prevents sewage sludge use or disposal in compliance with specified applicable State and Federal statutes, regulations, or permits. The term includes prevention of sewage sludge use or disposal by the POTW in accordance with Section 405 of the Act (33 U.S.C. 1345) or any criteria, guidelines or regulations developed pursuant to the Solid Waste Disposal Act (SWDA, 42 U.S.C. 6901 et seq.), the Clean Air Act, the Toxic Substances Control Act, the Marine Protection Research and Sanctuary Act (MPRSA) or more stringent state criteria (including those contained in any State sludge management plan prepared pursuant to Title IV of SWDA) applicable to the method of disposal or use employed by the POTW.
- 1.03.37 **Local Limit:** MSD's specific limits for appropriate pollutants of concern for pretreatment requirement as defined in Subsection 1.03.53.
- 1.03.38 **Medical Waste:** Isolation wastes, infectious agents, human blood and blood products, pathological wastes, sharps, body parts, contaminated bedding, surgical wastes, potentially contaminated laboratory wastes and other wastes that may cause Interference.
- 1.03.39 **National Categorical Pretreatment Standard, Categorical Pretreatment Standard or Pretreatment Standard:** Regulations containing pollutant discharge limits promulgated by EPA in accordance with Sections 307(b) and (c) of the Act (33 U.S.C. §1317) which apply to a specific category of industrial users, and which appears in 40 CFR Chapter 1, Subchapter N, Parts 405-471.
- 1.03.40 **National Pollutant Discharge Elimination System Permit or NPDES Permit:** A permit issued pursuant to Section 402 of the Act (33 U.S.C. §1342), or pursuant to N.C.G.S. 143-215.1 by the state under delegation from EPA.
- 1.03.41 **New Source:**
- A. Any building, structure, facility or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the publication of proposed pretreatment standards under Section 307(c) of the Act which will be applicable to such source if such standards are thereafter promulgated in accordance with that section, provided that:
- (i) The building, structure, facility or installation is constructed at a site at which no other source is located; or

- (ii) The building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
 - (iii) The production or wastewater generating processes of the building, structure, facility, or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source should be considered.
 - B. Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility or installation meeting the criteria of paragraphs (A)(ii) or (A)(iii) of this section, but otherwise alters, replaces, or adds to existing process or production equipment.
 - C. Construction of a new source as defined under this paragraph has commenced if the owner or operator has:
 - (i) Begun, or caused to begin as part of a continuous onsite construction program:
 - a. Any placement, assembly, or installation of facilities or equipment; or
 - b. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
 - (ii) Entered into a binding contractual obligation for the purchase of facilities or equipment, which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this subsection.
- 1.03.42 **Non-contact cooling water:** Water used for cooling which does not come into direct contact with any raw material, intermediate product, waste product, or finished product.
- 1.03.43 **Discharge Permit:** A permit issued by the State pursuant to G.S. 143-215.1(d) for a waste, which is not discharged directly to surface waters of the State, or for a wastewater treatment works, which does not discharge directly to surface waters of the State.
- 1.03.44 **Normal Waste:** A waste having average concentrations of 300 mg/L of BOD or less and 300 mg/L of Total Suspended Solids or less as determined by samples taken before entering the sewerage system.
- 1.03.45 **Pass Through:** A discharge which exits the POTW into waters of the State in quantities or concentrations which, alone or with discharges from other sources, causes a violation, including an increase in the magnitude or duration of a violation, of the POTW's NPDES Permit or Non-Discharge Permit or a water quality standard.
- 1.03.46 **Permit Synopsis:** A brief summary of an application and permit containing the following:
 - A. Quantitative description of discharge, and;
 - B. Basis of Pretreatment limitations.
- 1.03.47 **Person:** Any individual, firm, company, association, corporation, governmental agency, board, commission, or municipal corporation other than MSD.

- 1.03.48 **pH:** A measure of the acidity or alkalinity of a substance, expressed as standard units, and calculated as the logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.
- 1.03.49 **Pollution:** The man-made or man-induced alteration of the chemical, physical, biological, or radiological integrity of water, land, or air.
- 1.03.50 **Pollutant:** Any "waste" as defined in N.C.G.S. 143-213 (18) and dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, medical wastes, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste and certain characteristics of wastewater (e.g., pH, temperature, TSS, turbidity, color, BOD, COD, toxicity, or odor).
- 1.03.51 **Pretreatment:** The lawful reduction in the amounts of pollutants, the elimination of pollutants, the alteration of the nature of pollutants or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to discharging or otherwise introducing such pollutants into the sewerage system.
- 1.03.52 **Pretreatment Program:** The program for the control of pollutants introduced into the POTW from non-domestic sources developed by the MSD in compliance with 40 CFR 403.8 and approved by the Approval Authority as authorized by N.C.G.S. 143-215.3(a)(14) in accordance with 40 CFR 403.11.
- 1.03.53 **Pretreatment Requirement:** Any substantive or procedural requirement related to Pretreatment other than a National Categorical Pretreatment Standard imposed on an Industrial User.
- 1.03.54 **Pretreatment Standard:** Prohibited discharge standards, Categorical Standards, and Local Limits.
- 1.03.55 **Private Wastewater Disposal System:** Any facilities for wastewater treatment and disposal not maintained and operated by MSD.
- 1.03.56 **Process Waste:** Waste resulting from or as a result of any industrial process or operation.
- 1.03.57 **Properly Shredded Garbage:** The organic waste resulting from the preparation, cooking and dispensing of foods that have been shredded to such degree that all particles will be carried freely under flow conditions normally prevailing in Sanitary Sewers with no particle being greater than ½ inch in any dimension.
- 1.03.58 **Public Sewer:** A sewer, which is controlled by a governmental agency or entity or public utility.
- 1.03.59 **Publicly Owned Treatment Works (POTW) or Sewerage System:** A treatment works as defined by Section 212 of the Act, (33 U.S.C. §1292). This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of sewage. It also includes sewers, pipes, and other conveyances only if they convey wastewater to the POTW treatment plant. For the purposes of this Ordinance, "POTW" shall also include any sewers that convey wastewaters to the POTW from persons outside the MSD who are, by contract or agreement with the MSD, or in any other way, Users of the MSD's POTW.
- 1.03.60 **Receiving Stream:** That body of water, stream, or watercourse receiving the discharge from a Wastewater Treatment Plant or that body of water, stream, or watercourse formed by the effluent from a Wastewater Treatment Plant.
- 1.03.61 **Sanitary Sewage:** Sewage excluding process waste from industrial users and not exceeding the constituent levels established in Subsection 5.04.05(A).

- 1.03.62 **Sanitary Sewer:** A public sewer controlled by a governmental agency or entity including MSD that carries liquid and waterborne waste from residences, commercial buildings, industrial plants or institutions; together with minor quantities of ground and surface waters that are not intentionally admitted.
- 1.03.63 **Septage:** Liquid and solid waste pumped from a sanitary sewage septic tank or cesspool.
- 1.03.64 **Sewage:** A combination of water-carried waste from residences, commercial buildings, and Industrial Users.
- 1.03.65 **Sewer:** A pipe or conduit for carrying wastewater.
- 1.03.66 **Sewerage System:** All facilities for collecting, pumping, transporting, treating and disposing of wastewater.
- 1.03.67 **Significant Industrial User or SIU:** Any industrial user discharging to the sewerage system who:
- A. Has an average daily process wastewater flow of 25,000 gallons or more, or;
 - B. Has a wastewater discharge which is greater than five percent (5%) of the capacity (i.e.; allowable load) of the MSD Wastewater Treatment Plant, or;
 - C. Is required to meet a National categorical pretreatment standard, or;
 - D. Is found by MSD, the Approval Authority, or EPA to have significant impact, either singly or in combination with other contributing industries, on the sewerage system, the quality of sludge, the system's effluent quality, or air emissions generated by the sewerage system or compliance with any pretreatment standards or requirements.
- 1.03.68 **Significant Noncompliance or Reportable Noncompliance:**
- A. Chronic violations defined as sixty-six percent or more (66%) of measurements exceeding the same daily maximum limit or the same average limit by any amount in a six (6) month period, or;
 - B. Technical review criteria violations for BOD, TSS, fats, oil and grease defined as thirty-three percent (33%) or more of measurements equal to or exceeding the same daily maximum limit, or the same average limit by a factor of 1.4 times the same daily maximum limit in a six (6) month period, or;
 - C. Technical review criteria violations for all pollutants other than those listed in Subsection 1.03.68(B) defined as thirty-three percent (33%) or more of measurements equal to or exceeding the same daily maximum limit, or the same average limit by a factor of 1.2 times the same daily maximum limit in a six (6) month period, or;
 - D. Interference with wastewater treatment processes or Wastewater Treatment Plant performance or which endangers the health of Wastewater Treatment Plant personnel or the public. Such interference shall be considered to be in Significant Noncompliance whether caused alone or in combination with other discharges, or;
 - E. Imminent endangerment to human health or welfare or to the environment or has resulted in Emergency Enforcement Actions being initiated in accordance with provisions of Subsection 14.01.04, or;
 - F. Violations of compliance schedule milestones contained in a local control mechanism or enforcement order, for starting construction, completing construction, or attaining final compliance by ninety (90) days or more after the schedule date, or;
 - G. Failure to provide reports for compliance schedules, self-monitoring data, baseline monitoring reports, ninety (90) day compliance reports or any other report which

may be required under the Ordinance, Federal or State law or regulations, within thirty (30) days from the due date, or;

H. Failure to accurately report noncompliance, or;

I. Any other violation or group of violations that the Control Authority considers to be significant.

1.03.69 **Slug Load or Discharge:** Any discharge at a flow rate or concentration which has a reasonable potential to cause interference or pass-through, or in any other way violates the POTW's regulations, local limits, Industrial User Permit conditions, adversely affects the operation of the sewerage system or the ability of the POTW to meet applicable water quality objectives. This can include, but is not limited to, spills and other accidental discharges; discharges of a non-routine, episodic nature; a non-customary batch discharge; or any other discharge that can cause a violation of the prohibited discharge standards in Section 5 of this Ordinance.

1.03.70 **Spill Control Response Plan:** A written procedure adopted by the User to address accidental spills or leaks of chemicals.

1.03.71 **Standard Industrial Classification or SIC:** A classification of an industry based on its product or service as defined in the Standard Industrial Classification Manual, Executive Office of the President, Office of Management and Budget, 1987.

1.03.72 **Standard Methods:** The analytical procedures set forth in the latest edition of Standard Methods for the Examination of Water and Wastewater published by the American Public Health Association or "EPA Methods for Chemical Analysis of Water and Wastes." All procedures must conform to 40 CFR Part 136.

1.03.73 **State:** (The) State of North Carolina.

1.03.74 **Storm Sewer or Storm Drain:** A sewer which carries storm and surface waters and drainage but which excludes sanitary sewage and polluted industrial wastewater.

1.03.75 **Storm Water:** Any flow occurring during or following any form of natural precipitation and resulting there from.

1.03.76 **Strength of Waste:** The concentration of pollutants or substances contained in a wastewater.

1.03.77 **Total Suspended Solids or TSS:** The total solid matter that either floats on the surface of or is suspended in wastewater and which is removable by laboratory filtration.

1.03.78 **Toxic Pollutant:** Any pollutant or combination of pollutants listed as toxic in Federal or State law or regulations promulgated by EPA or the State of North Carolina.

1.03.79 **Twenty-Five Percent Rule:** All grease traps and grease interceptors shall be cleaned when the accumulation of floatable FOG has reached a depth equal to and no greater than 25% of the total operating vessel depth.

FOR EXAMPLE: If the total depth (TD) of your GI is 40 inches, the maximum allowable depth (d) of floatable grease equals 40 inches multiplied by 0.25 or $d = TD \times 0.25 = 10$ inches. Therefore, the maximum allowable depth of floatable grease in your vessel should not exceed ten (10) inches.

1.03.80 **Unpolluted Wastewater:** Any wastewater, which is substantially free of pollutants and is discharged from the following:

A. Rain downspouts and drains, or;

- B. Footing drains, or;
- C. Storm Drains, or;
- D. Cooling Water systems, or;
- E. Aquifer restoration or well development activities.

Unpolluted Wastewater shall contain, by definition, **none** of the following:

- A. BOD in excess of 10 mg/L, or;
- B. Total Suspended Solids in excess of 10 mg/L, or;
- C. Free or emulsified greases or oils, or;
- D. Acids or alkalies, or;
- E. Phenols or other substances imparting taste or odor to Receiving Stream, or;
- F. Toxic or poisonous substances, or;
- G. Noxious or odorous gases, or;
- H. Temperature which exceeds 66°C (151°F) at its introduction into a storm sewer or which exceeds 40°C (104°F) at its introduction into a receiving stream.
- I. Unpolluted wastewater shall also mean any wastewaters judged by DENR to be admissible to Watercourses under the jurisdiction of DENR and in accordance with the standards of water quality established by DENR for the particular watercourse into which such unpolluted wastewater is to be discharged.

- 1.03.81 **Upset of Pretreatment Facilities:** An exceptional incident in which there is an unintentional and temporary noncompliance with the effluent limitations of the user's permit because of factors beyond the reasonable control of the User. An upset does not include noncompliance caused by operational error, improper design or inadequate treatment facilities, lack of preventive maintenance, or careless or improper operations.
- 1.03.82 **User:** Any person or facility who discharges, causes or permits the discharge of wastewater into the sewerage system.
- 1.03.83 **Waste:** Any physical, chemical, biological, radioactive or thermal material which may be a solid, liquid or gas and which may be discarded from any industrial, municipal, agricultural, commercial or domestic activity.
- 1.03.84 **Wastewater:** Sewage.
- 1.03.85 **Wastewater Treatment Plant:** The facilities of the District for treating and disposing of wastewater.
- 1.03.86 **Watercourse:** A channel in which a flow of water occurs either continuously or intermittently.
- 1.03.87 **Waters of the State:** All streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the State or any portion thereof.

Section 1.04 Inclusion in Definitions

Definitions include both the singular and the plural and all pronouns include both the singular and the plural and cover all genders.

SECTION 2**USE OF PUBLIC SEWERS REQUIRED****Section 2.01 Discharge of Untreated Wastewater Prohibited**

Within the boundaries of the District, it shall be unlawful for any person to discharge to any outlet, other than a sanitary sewer or approved septic system, any domestic or industrial waste except where suitable treatment has been provided in accordance with provisions of this Ordinance or where an appropriate NPDES Permit has been obtained.

Section 2.02 Use of Sanitary Sewers

The owner(s) of all houses, buildings or properties situated within the District and abutting on any street, alley or right-of-way in which there is now located or may in the future be located abutting said property a sanitary sewer of the District is hereby required at the owner(s)' expense to connect such facilities directly with the sanitary sewer in accordance with provisions of this Ordinance within ninety (90) days after being directed to do so by MSD provided that said sanitary sewer abuts the property; and the connection of such facilities is maintain in accordance with the provisions of this Ordinance. The owner is not required to connect such facilities directly with the sanitary sewer if:

- 2.02.01 The house, building or property in which the toilet or other facilities necessary for the discharge of Domestic or Industrial Waste is farther than 300 feet from the sanitary sewer, or;
- 2.02.02 Connection is technically unfeasible. Technical feasibility shall be determined by MSD, or;
- 2.02.03 An existing, properly functioning septic tank system located on the property is being used by the owner to properly treat waste. This exclusion shall not be available if, in order to obtain or keep valid Health Department approval, it becomes necessary to install a new septic tank or field or perform major repair to the existing tank or field in order to maintain a properly functioning system.

SECTION 3**PRIVATE WASTEWATER DISPOSAL****Section 3.01 Holding Tank Waste**

Holding Tank Waste, Septage, and any other waste from Private Wastewater Disposal Systems within the District shall be discharged into the sewerage system only under the following conditions:

- 3.01.01 Persons owning or operating vacuum-pump trucks or trucks hauling septage or other liquid waste transport trucks shall not discharge wastewater directly or indirectly from such trucks into the sewerage system unless such persons shall first have applied for and received permits from MSD. All applicants for such permits shall complete such forms as required by MSD, pay appropriate fees and agree in writing to abide by the provisions of this Ordinance and any special conditions or regulations established by MSD. The owners or operators of such vehicles shall affix and display their permit numbers on the sides of vehicles used for such purposes. Such permits shall be valid for a period of five (5) years from date of issuance, provided that such permits shall be subject to revocation by MSD for violation of any provision of this Ordinance or reasonable regulation established by MSD. Such permits shall be limited to the discharge of sanitary sewage containing no waste from commercial grease traps or industrial waste. The General Manager shall designate the locations and times where such trucks may discharge, and may refuse to accept any truckload of waste in his absolute discretion where he determines that the waste could interfere with the effective operation of the sewerage system.
- 3.01.02 No person shall discharge any other holding tank waste or any other waste, including industrial waste, into the sewerage system unless he shall have applied for and has been issued a permit by MSD. Unless otherwise allowed under the terms and conditions of the permit, a separate permit must be secured for each separate discharge. The permit shall state the specific location of discharge, the time of day the discharge is to occur, the volume of the discharge, and shall limit the wastewater constituents and characteristics of the discharge. Such User shall pay any applicable charges or fees and shall comply with all conditions of the Permit issued by MSD. The discharge of hazardous waste, as defined in Section 1004 of RCRA as codified in 40 CFR Part 261, into a public sewer or to the headworks of a MSD Wastewater Treatment Plant by truck, rail or vessel is prohibited.
- 3.01.03 Notwithstanding any of the foregoing, no holding tank waste, septage or any other waste from outside the District shall be discharged directly or indirectly into the sewerage system from vacuum-pump, septage hauling trucks or other liquid waste transport trucks, provided, however, that the General Manager may, in his absolute discretion, permit the discharge of such waste by agreement and in accordance with Subsections 3.01.01 or 3.01.02.
- 3.01.04 No person shall operate a dumping station for the discharge of sanitary sewage from recreation vehicles into the sewerage system unless the User of the dumping station shall have first applied for and received a permit from MSD. All applicants for such permits shall complete such forms as required by MSD, pay appropriate fees and agree in writing to abide by the provisions of this Ordinance and any special conditions or regulations established by the District Board. These permits shall be issued only for approved facilities designed to receive sanitary sewage only.

Section 3.02 Additional Requirements

Nothing in this section shall be construed to free waste haulers from additional requirements that may be imposed by other municipal or state agencies.

SECTION 4**WASTEWATER DISCHARGE PERMITS****Section 4.01 Unauthorized Connections to Sewerage System**

No person(s), shall uncover, make any type of connection with or opening into, use, alter, or disturb the sewerage system without first obtaining written approval from MSD.

Section 4.02 Permits to Discharge Industrial Waste for New Sources

Any person who proposes to originate the discharge of any industrial waste for the first time into the sewerage system or who proposes to make a significant change in the character or volume of any industrial waste theretofore discharged into the sewerage system:

- 4.02.01 Shall apply to MSD for a Permit to Discharge Industrial Waste on a form furnished by MSD a minimum of one hundred and eighty (180) days prior to the proposed date to originate this discharge into the MSD Sewerage System. The application shall include at least the following information:
- A. Name, mailing address, and location address;
 - B. Standard Industrial Classification (SIC) codes for pretreatment, the industry as a whole, and any processes for which categorical pretreatment standards have been promulgated;
 - C. Analytical data on wastewater constituents and characteristics including but not limited to those mentioned in Section 5 of this Ordinance, any of the priority pollutants (Section 307(a) of the Act) which the applicant knows or suspects are present in the discharge as determined by a reliable analytical laboratory, and any other pollutant of concern to the POTW; sampling and analysis shall be performed in accordance with procedures established by the EPA pursuant to Section 304(g) of the Act and contained in 40 CFR, Part 136, as amended and as required in Section 10.09;
 - D. Time and duration of the indirect discharge;
 - E. Average daily and 30-minute peak wastewater flow rates, including daily, monthly and seasonal variations if any;
 - F. Site plans, floor plans, mechanical and plumbing plans and details to show all sewers, floor drains, sewer connections, direction of flow and appurtenances by the size, location and elevation;
 - G. Description of activities, facilities and plant processes on the premises including all materials which are or could be accidentally or intentionally discharged;
 - H. Where known, the nature and concentration of any pollutants in the discharge which are limited by local, State, or Federal Pretreatment Standards, and a statement regarding whether or not the pretreatment standards are being met on a consistent basis and if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required for the User to meet applicable pretreatment standards;
 - I. If additional pretreatment and/or operation/maintenance will be required to meet the pretreatment standards, the shortest schedule by which the User will provide such additional pretreatment. The completion date in this schedule shall not be longer than the compliance date established for the applicable pretreatment standard. The following conditions apply to this schedule:
 - (i) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the User to meet the

applicable pretreatment standards. No increment in the schedule shall exceed nine (9) months.

(ii) No later than 14 days following each date in the schedule and the final date for compliance, the User shall submit a progress report to the General Manager including, at a minimum, whether or not it complied with the increment of progress, the reason for any delay, and if appropriate, the steps being taken by the User to return to the established schedule. In no event shall more than nine (9) months elapse between such progress reports to the General Manager.

- J. Each product produced by type, amount, process or processes and rate of production;
- K. Type and amount of raw materials processed (average and maximum per day);
- L. Number and type of employees, and hours of operation of plant and proposed or actual hours of operation of pretreatment system;
- M. If subject to a categorical standard, a baseline monitoring report in accordance with 40 CFR 403.12(b) and 15A NCAC 2H .0908(a), as outlined in Section 10.02 of this Ordinance.
- N. Any other information as may be deemed by the General Manager to be necessary to evaluate the permit application.

4.02.02 The application shall be signed by the current Authorized Representative as defined in Subsection 1.03.04, with any information, which may have been furnished by the applicant to any other governmental agency and by such other plans or other data as the General Manager, may require for purposes of determining whether conditions are met as specified in Section 4.06. and shall contain the following statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for violations."

4.02.03 **Application Review and Evaluation**

- A. The General Manager will evaluate the data furnished by the User and may require additional information.
- B. The General Manager is authorized to accept applications for MSD and shall refer all applications to pretreatment staff for review and evaluation.
- C. Within thirty days of receipt, the General Manager or pretreatment staff shall acknowledge and accept the complete application, or if not complete, return the application with a request for the additional information necessary to evaluate the application.

4.02.04 **Tentative Determination and Draft Permit**

- A. The General Manager or Pretreatment staff will review the application, conduct an on-site inspection of the significant industrial User, including any pretreatment facilities, and shall prepare a written evaluation and tentative determination to issue or deny the significant industrial User permit.
- B. If pretreatment staff decides to issue a permit, the permit shall include the following in writing
 - (i) proposed discharge limitations for pollutants proposed to be discharged;

- (ii) a proposed schedule of compliance including interim dates and requirements for meeting the proposed limits; and
- (iii) a brief description of any other proposed special conditions, which will have significant impact upon the discharge

4.02.05 **Permit Synopsis**

A fact sheet providing a brief synopsis of the application shall be prepared by the POTW staff for submission to the applicant and the approval authority and shall be made available to the public upon request. The contents of such fact sheets shall include at least the following information:

- A. a sketch and detailed description of the industrial facilities and pretreatment facilities including the location of all points of discharge to the POTW and all established compliance monitoring points.
- B. a quantitative description of the discharge described in the application, which includes at least the following:
 - (i) the rate or frequency of the proposed discharge; if the discharge is continuous, the average daily flow;
 - (ii) the actual average daily discharge in pounds per day of any limited pollutant and any pollutant identified in the application as known or suspected present; and,
 - (iii) the basis for the pretreatment limitations including the documentation of any calculations in applying categorical pretreatment standards.

4.02.06 **Final Action on Significant Industrial User Application**

- A. The General Manager shall take final action on all applications no later than 90 days following receipt of a complete application.
- B. The General Manager is authorized to:
 - (i) issue a Significant Industrial User permit containing such conditions as are necessary to effectuate the purposes of this Ordinance and N.C.G.S. 143-215.1;
 - (ii) issue a Significant Industrial User permit containing time schedules for achieving compliance with applicable pretreatment standards and requirements;
 - (iii) modify any permit upon not less than 60 days notice and pursuant to Section 4.10 of this Ordinance;
 - (iv) revoke any permit pursuant to Subsection 14.01.05 of this Ordinance;
 - (v) suspend a permit pursuant to Subsection 14.01.05 of this Ordinance;
 - (vi) deny a permit application when in the opinion of the General Manager such discharge may cause or contribute to pass-through or interference of the wastewater treatment plant or where necessary to effectuate the purposes of G.S. 143-215.1.

4.02.07 **Hearings**

An applicant whose permit is denied, or is granted subject to conditions the applicant deems unacceptable, shall have the right to an adjudicatory before a Hearing Officer designated by the General Manager. The applicant must make written demand to the General Manager within thirty days of receipt of Significant Industrial User permit. The written demand must identify the specific provisions in the permit to be contested and must be mailed or delivered to MSD. Unless such written demand is made within thirty days of receipt of the proposed permit, the permit shall be final. Any hearing will be held in accordance with the procedures set forth in Section 14.03 of this Ordinance.

4.02.08 **Permit Conditions**

The General Manager shall have the authority to grant a permit with such conditions, as he believes necessary to achieve the purposes of this Ordinance and N. C. Gen. Stats. 143-215.1 Wastewater permits shall contain at least the following;

- A. a statement of duration (in no case more than five years);
- B. a statement of non-transferability;
- C. applicable effluent limits based on categorical standards or local limits or both;
- D. applicable monitoring, sampling, reporting, notification, and record keeping requirements. These requirements shall include an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type.
- E. requirements for notifying the POTW in the event of an accidental discharge or slug load pursuant to Section 6 and 7 of this Ordinance;
- F. requirements to implement a Plan or other controls for prevention of accidental discharges and/or slug loads if determined by the General Manager to be necessary for the User
- G. requirements for immediately notifying MSD of any changes at the User's facility affecting the potential for spills and other accidental discharges, or slug load;
- H. a statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements and any applicable compliance schedule.
- I. Limits on average and maximum wastewater constituents and characteristics. The General Manager may impose mass limitations on Users who are using dilution to meet applicable Pretreatment Standards or requirements or in other cases where the imposition of mass limitations is appropriate.
- J. Limits on average and maximum rates and time of discharge or requirements for flow regulation and equalization.
- K. Requirements for installing and maintaining inspection and sampling facilities.
- L. Compliance schedule (if applicable).
- M. Requirements for submitting technical reports or discharge reports to MSD pursuant to Section 10 of this Ordinance.
- N. Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by MSD and affording MSD access thereto.
- O. Requirements for notifying MSD of any new introduction of wastewater constituents or any significant change in the volume or character of the wastewater constituents being introduced into the sewerage system.
- P. Other conditions as deemed appropriate by MSD to ensure compliance with this Ordinance and applicable law and regulations.

The Industrial User shall not discharge into the sewerage system until a Permit to Discharge Industrial Waste has been issued by MSD.

Section 4.03 Significant Changes in Waste Discharge

A significant change in the character or volume of waste, for purposes of Section 4.02, shall be deemed to be proposed if:

- 4.03.01 Substances, compounds and elements not previously constituting any part of a user's waste are to be introduced into such Waste, or;
- 4.03.02 If the average concentration of any substance, compound or element in the waste or average volume proposed to be discharged will increase by twenty-five percent (25%) or more over that for which the permit had been issued, or;

- 4.03.03 If the change in character or volume of the waste will change the user's classification from Industrial User to Significant Industrial User as defined in Subsection 1.03.67.

Section 4.04 Permits to Discharge Industrial Waste for Existing Industrial User

Any User, who is operating within the District and is classified as an Industrial User within the meaning of Subsection 1.03.32 may continue such discharge until notified by the General Manager in writing that a permit will be required and until an application has been submitted to and denied by the General Manager in accordance with the provisions of Section 4.02.

- 4.04.01 The General Manager shall issue written notices to existing industrial users specifying the time within which an existing industrial user shall file an Application for a Permit.
- 4.04.02 Within the time limit specified in Subsection 4.04.01, the existing industrial user shall file the required application, signed by the current Authorized Representative as specified in Subsection 1.03.04, together with any other information as described in Section 4.06. The Application shall contain the following statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for violations." and;

Failure to file within the specified time shall constitute an unauthorized use of the sewerage system. The General Manager, within one hundred and eighty (180) days, must deny the required application or issue a draft of the proposed permit.

- 4.04.03 The existing industrial user shall have thirty (30) days in which to comment on the draft permit after which the permit will be issued or denied.
- 4.04.04 An existing industrial user may continue to discharge, only after complying with the requirement to file an Application for a Permit, unless and until receipt by the applicant of a written notice specifying the reasons for denial of a permit and specifying what remedial action, if any, must be taken to qualify the applicant for a permit. The denial of a permit may be appealed in accordance with Subsection 14.03.01 of this Ordinance
- 4.04.05 In the event that the applicant is denied a Permit or feels that the conditions of a Permit are unacceptable, the applicant shall have the right to contest the denial or the conditions of the Permit in accordance with the provisions of Section 14.03 of this Ordinance.

Section 4.05 Discharge Prohibited Where Permits Denied

In any case where a final determination has been made denying a permit, it shall be unlawful for any person so denied a permit to discharge industrial waste into the sewerage system.

Section 4.06 Conditions for Issuing or Renewing Permits

A Permit to Discharge Industrial Waste will be issued or renewed by MSD only when it has been determined that:

- 4.06.01 Sewer capacity is available at the proposed point of discharge for receiving the industrial waste, and;
- 4.06.02 The waste being discharged or proposed to be discharged is amenable to treatment by the processes employed in the District's Wastewater Treatment Plant(s) and will not impair the ability of MSD to comply with the water quality standards and effluent limitations established by the State or Federal regulatory agencies, and;
- 4.06.03 The waste being discharged or proposed to be discharged will not cause damage to the sewerage system or create a public nuisance or threaten public health and;
- 4.06.04 The concentrations of substances, compounds and elements in the waste being discharged or proposed to be discharged do not exceed the limits established by MSD or State or Federal authorities, and;
- 4.06.05 Where the wastewater contains or may contain any substances, compounds or elements controlled or limited by this Ordinance, an adequate program of self-monitoring of flow and wastewater characteristics will be established and maintained by the user affected by this Ordinance to assure that the discharge meets the requirements of this Ordinance and any permit conditions. The frequency and nature of the analyses shall be commensurate with the nature and volume of the waste discharged, and shall be as specified in the Permit to Discharge Industrial Waste.

Section 4.07 Permits for Industries Subject to National Categorical Pretreatment Standards

Any User subject to a newly promulgated National Categorical Pretreatment Standard shall reapply for a Permit to Discharge Industrial Waste within one hundred eighty (180) days after the effective date of the applicable National Categorical Pretreatment Standard. Permits to Discharge Industrial Waste of users subject to such standards shall be issued or reissued in compliance with such standards within the time frames prescribed by such standards.

Section 4.08 Permit Conditions and Duration

A Permit to Discharge Industrial Waste shall be issued as follows:

- 4.08.01 An Application for Permit to Discharge Industrial Waste and all reports or information submitted pursuant to the requirements of such permit must be signed and certified by an Authorized Representative of the User.
- 4.08.02 A Permit to Discharge Industrial Waste for an industrial user, not classified as a SIU in accordance with Subsection 1.03.67, shall remain in effect for a specified time period, not to exceed five (5) years.
- 4.08.03 A Permit to Discharge Industrial Waste for a SIU shall be issued for a specified time period, not to exceed five (5) years. The User shall apply for permit re-issuance a minimum of one hundred and eighty days (180) days prior to the expiration of the user's existing permit.
- 4.08.04 The terms and conditions of a permit may be modified by MSD during the term of the Permit. A User shall be informed of any modifications in his permit at least thirty (30) days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

- 4.08.05 A Permit to Discharge Industrial Waste does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.
- 4.08.06 The provisions of a Permit to Discharge Industrial Waste are severable and, if any provision of such permit or the application of any provision of such permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of such permit shall not be affected thereby.

Section 4.09 Permit Transfers

A Permit to Discharge Industrial Waste is issued to a specified user for a specific operation. A permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation without the written approval of MSD. Any User proposing to transfer a permit must apply to MSD, in writing, at least forty-five days prior to the effective date of the proposed transfer. The application must include the reason for the transfer and the name, address and contact information of the proposed transferee. If the proposed transfer is "Confidential Trade Secret," it shall be so marked on the application, and MSD shall keep the information confidential pending the transfer. MSD may ask any succeeding User to agree in writing to comply with the terms and conditions of the existing Permit. The written notification must include the following:

- 4.09.01 States that the new owner and/or operator have no immediate intent to change the facility's operations and processes;
- 4.09.02 Identifies the specific date on which the transfer is to occur; and
- 4.09.03 Acknowledges full responsibility for complying with the existing industrial wastewater discharge permit.

Failure to provide advance notice of a transfer, in accordance with this section, renders the industrial wastewater discharge permit void as of the date of facility transfer.

Section 4.10 Permit Modification

Modifications of Permits shall be subject to the same procedural requirements as the issuance of permits except as listed herein. Changes or new conditions in the permit shall include a reasonable time schedule for compliance. The following changes may be done administratively by the General Manager:

- 4.10.01 Change in ownership of the discharge when no other change in the permit is indicated;
- 4.10.02 A single modification of any compliance schedule where the compliance schedule itself is not in excess of four months and
- 4.10.03 Modifications of compliance schedules (construction schedules) in permits for new sources where the new source will not begin to discharge until control facilities are operational.

Within (9) nine months of the promulgation of a National Categorical Pretreatment Standard, the Permit to Discharge Industrial Waste of such user shall be revised to require compliance with such standard within the time frame prescribed by such standard. Where a user, subject to a National Categorical Pretreatment Standard, has not previously submitted an application for wastewater discharge permit as required by Section 4.02 of this Ordinance, the user shall apply for a wastewater discharge permit within 180 days after the promulgation of the applicable National Categorical Pretreatment Standard.

A request for a permit modification by the permittee shall constitute a waiver of the 60 day notice required by N.C. Gen. Stats. 143-215.1(b).

SECTION 5**EXCLUDED WASTES****Section 5.01 General Prohibitions**

The following general prohibitions apply to all users of the sewerage system:

- 5.01.01 All users shall take all reasonable steps to prevent any discharge in violation of the user's permit and this Ordinance. Pollutants, substances, wastewater, or other wastes prohibited by this Ordinance shall not be processed or stored in such a manner that they could be discharged to the sewerage system.
- 5.01.02 No user shall increase the use of potable or process water or in any other way attempt to dilute the discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the user's permit.
- 5.01.03 No user shall contribute or cause to be contributed, directly or indirectly, any pollutant, or wastewater, which causes interference or pass through with the operation or performance of the sewerage system.
- 5.01.04 All users operating food service establishments may, in the discretion of the General Manager be required to provide fats, oils & grease (FOG) interceptors or traps for the proper handling of liquid waste containing FOG, or other harmful constituents. All interceptors or traps shall be of a type and capacity approved by MSD, and shall be located so as to be readily and easily accessible for cleaning and inspection. All interceptors or traps shall be supplied and properly maintained for continuous, satisfactory, and effective operation by the User at his expense.
- 5.01.05 The discharge of any hazardous material, listed in 40 CFR Part 261.
- 5.01.06 All users shall comply with the general prohibitive discharge standards in 40 CFR Part 403.5(A) and (B) of the Federal Pretreatment Regulations.

Section 5.02 Prohibited Wastes

No user shall discharge or deposit any of the following materials, waste materials, waste gases, or liquids into any sanitary sewer forming a part of the MSD Sewerage System except where these may constitute occasional, intermittent inclusions in the wastewater discharged from residential premises:

- 5.02.01 Any wastewater having a temperature which will inhibit biological activity in a Wastewater Treatment Plant or result in other Interference with the treatment process but in no case wastewater with a temperature which exceeds 66°C (150°F) at its introduction into a sanitary sewer or exceeding 40°C (104°F) at its introduction into a Wastewater Treatment Plant.
- 5.02.02 Visible floatable fats, oils, or grease of animal or vegetable origin in amounts that, in the discretion of the General Manager, may cause interference or pass-through.
- 5.02.03 Petroleum oil, cutting oil, or products of mineral origin in amounts that, in the discretion of the General Manager, may cause interference or pass-through.
- 5.02.04 Substances that will solidify or become viscous at temperatures between 0°C (32°F) and 60°C (140°F).
- 5.02.05 Any garbage that has not been properly shredded so that no particles are any greater than one-half inch (½") in any dimension.
- 5.02.06 Any waste capable of causing abnormal corrosion, abnormal deterioration, damage to or hazard to structures or equipment of the sewerage system, or to humans or

animals or interference with proper operation of a MSD Wastewater Treatment Plant. All waste discharged to the sewerage system must have a pH value in the range of 6 to 10.5 standard pH units. Prohibited materials include but are not limited to concentrated acids and alkalis and high concentrations of compounds of sulfur, chlorine, fluorine, and substances, which may react with water to form strongly acidic or basic products.

- 5.02.07 Any waste having a color, which is not removable by the existing wastewater treatment processes, and which would cause the plant effluent to exceed color requirements of the State of North Carolina for discharge to a receiving stream.

Section 5.03 Specific Prohibited Wastes

No user shall discharge or deposit any of the following materials, waste materials, waste gases, or liquids into any sanitary sewer forming part of the MSD Sewerage System:

- 5.03.01 Pollutants which create a fire or explosive hazard in the POTW, including, but not limited to wastestreams with a closed cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR 261.21.
- 5.03.02 Any liquids, solids or gases which by reason of their nature or quantity are or may be sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any way to the sewerage system or to the operation of the sewerage system. At no time shall two successive readings (15 to 30 minutes between readings) on an explosion hazard meter at the point of discharge into the sewerage system be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limit (L.E.L.) of the meter. Prohibited materials covered by this subsection include, but are not limited to, gasoline, diesel, kerosene, naphtha, benzene, fuel oil, motor oil, heating oil, mineral spirits, commercial solvents, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides and hydrides.
- 5.03.03 Any trucked or hauled pollutants, except at discharge point(s) designated by the General Manager in accordance with Section 3.0 of this Ordinance.
- 5.03.04 Any solid or viscous substances in quantity or character capable of causing obstruction to flow in sanitary sewers or interference with proper operation of a Wastewater Treatment Plant. Prohibited materials covered by this subsection include, but are not limited to, eggshells from egg processors, ashes, cinders, ceramic waste, stone or marble dust, sand, mud, straw, shavings, grass clippings, thread, glass, glass grinding or polishing wastes, rags, metal, feathers, bones, tar, plastics, wood, paunch manure, insulation materials, fibers of any kind, stock or poultry feeds, processed grains, spent hops, animal tissues, hair, hides, or fleshings, entrails, whole blood, viscera or other fleshy particles from processing or packing plants, lime or similar sludges, residues from refining or processing of fuel or lubricating oils.
- 5.03.05 Any noxious or malodorous solids, liquids or gases which, either singly or by interaction with other waste, are capable of creating a public nuisance or hazard to life or are or may be sufficient to prevent entry into a sewer for maintenance and repair.
- 5.03.06 Any pollutants which result in the presence of toxic gases, vapors, or fumes within the sewerage system in a quantity that may cause worker health and safety problems.
- 5.03.07 Any substances which may cause Wastewater Treatment Plant effluent or any other products of the sewerage system such as residues, sludges or scums to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the sewerage system cause the

sewerage system to be in non-compliance with sludge use or disposal criteria, guidelines, ordinances or regulations developed by local, State or Federal authorities.

- 5.03.08 Any wastewater containing pollutants, including oxygen-demanding pollutants, (BOD, etc) in sufficient quantity, flow or concentration (either singly or by interaction with other pollutants) to cause Interference with the POTW.
- 5.03.09 Any substance which will cause the sewerage system to violate its NPDES Permit, Collection System Permit, or water quality standards of the receiving stream.
- 5.03.10 Any waste which, by interaction with other waste in the sewerage system, may release obnoxious gases, form suspended solids, which interfere with operation of the sanitary sewers or create conditions deleterious to structures and wastewater treatment processes.
- 5.03.11 Any form of inflow as defined by Subsection 1.03.35 including storm water.
- 5.03.12 Infiltration as defined by Subsection 1.03.34 in excess of 300 gallons per inch of pipe diameter per mile of pipe per day.
- 5.03.13 Any unpolluted wastewater as defined in Subsection 1.03.80 except as specifically permitted by the General Manager.

Section 5.04 Specific Pollutant Limitations

No User shall discharge into any Sanitary Sewer forming part of the MSD Sewerage System any of the following materials in concentrations exceeding the limits stated below:

- 5.04.01 Any waste that contain more than ten (10) mg/L of hydrogen sulphide, sulphur dioxide, or nitrous oxide.
- 5.04.02 Any toxic or poisonous substance or any other materials in sufficient quantity to interfere with the operation of a Wastewater Treatment Plant or to constitute a hazard to humans or animals, or to cause a violation of the water quality standards or effluent standards for the watercourse receiving the effluent from a MSD Wastewater Treatment Plant or to exceed limitations established by the General Manager or set forth in applicable Categorical Pretreatment Standards.
- 5.04.03 Any waste containing suspended solids of such character and quantity that unusual provisions, attention, or expense is required to handle such materials at a Wastewater Treatment Plant.
- 5.04.04 Any wastewater containing any radioactive wastes or isotopes except as specifically approved by the General Manager in compliance with applicable State or Federal regulations.
- 5.04.05 No person shall discharge wastewater containing concentrations of the constituents listed below in excess of the upper limits listed below.
 - A. No person with a Permit to Discharge Industrial Waste shall discharge in excess of the following limits unless such discharge is specifically authorized in a duly issued Permit to Discharge Industrial Waste. If more stringent standards are established in a MSD Permit to Discharge Industrial Waste or have been promulgated by the State or EPA in applicable Categorical Pretreatment Standards, those standards shall supersede the following standards.

Fixed Upper Limits for Constituents (Milligrams per Liter)

	Maximum Instantaneous Concentration (Grab Sample)*	Maximum Daily Average (Based on 24 Hour Composite Samples)*	Maximum Monthly Average (Based on 24 Hour Composite Samples)*
Arsenic	2.0	1.00	1.00
Cadmium	1.2	0.69	0.69
Chromium, T	2.5	1.00	1.00
Copper	2.5	1.00	1.00
Cyanide*	1.9	1.00	1.00
Lead	0.6	0.40	0.40
Mercury	0.2	0.10	0.10
Nickel	2.5	1.00	1.00
Silver	1.0	0.43	0.43
Tin	2.5	1.00	1.00
Zinc	2.5	1.00	1.00
Phenol*	2.5	0.50	0.50

Grab and Composite Samples are defined in Section 1.03 of this Ordinance.

*The maximum daily average is to be considered either the average of four (4) Grab Samples taken at equally spaced intervals during the start-up, operations, and clean up period for the day being sampled or a single Composite Sample may be composed of the four sample aliquots as described above.

B. Unless specifically authorized by a Permit to Discharge Industrial Waste, no person shall discharge wastewater containing concentrations of the constituents listed in Subsection 5.04.05 in excess of levels currently established for sanitary sewage in the District. Such levels shall be established by the General Manager.

5.04.06 The admission into the sewerage system of any waste having a Biochemical Oxygen Demand (BOD) concentration in excess of three hundred (300) mg/L on a twenty-four hour composite basis or for any single grab sample having a BOD concentration in excess of thirteen hundred (1300) mg/L may be subject to review by the General Manager. Where necessary in the discretion of the General Manager, the user shall provide and operate, at his own expense, such pretreatment facilities as may be required to reduce the BOD to meet requirements specified by the General Manager.

5.04.07 The admission into the sewerage system of any waste having a Total Suspended Solids (TSS) concentration in excess of three hundred (300) mg/L on a twenty-four hour composite basis or for any single grab sample having a TSS concentration in excess of thirteen hundred (1300) mg/L may be subject to review by the General Manager. Where necessary, in the discretion of the General Manager, the User shall provide and operate, at his own expense, such pretreatment facilities as may be required to reduce the total suspended solids content to meet requirements specified by the General Manager.

5.04.08 The admission into the sewerage system of any waste having a Total Oil & Grease (combined polar and non-polar) content in excess of one hundred & twenty-five (125) mg/L. If the waste stream is of mineral hydrocarbons (non-polar) the content shall not exceed one hundred (100) mg/L unless otherwise prohibited by Subsection 5.02.03. If the waste stream is of biological lipids (polar) the content shall not exceed one hundred & fifty (150) mg/L. Where necessary, in the discretion of the General Manager, the User shall provide and operate, at his own expense, such pretreatment facilities as may be required to reduce the oil & grease

(polar and non-polar) content to meet requirements specified by the General Manager.

- 5.04.09 The admission, into the sewerage system of any waste in volumes or with constituents such that existing conditions in the sanitary sewers or at the Wastewater Treatment Plant would be affected to the detriment of the sewerage system, will be subject to review by the General Manager. Where necessary, in the discretion of the General Manager, Pretreatment or equalizing units may be required to bring constituents or volumes of flow within the limits previously prescribed or to an otherwise acceptable level and to hold or equalize flows so that no peak flow conditions may hamper the operation of any unit of the sewerage system. Said equalization or holding unit shall have a capacity suitable to serve its intended purpose and be equipped with acceptable outlet control facilities to provide flexibility in operation and accommodate changing conditions in the waste flow.
- 5.04.10 Upon the promulgation of Federal Categorical Pretreatment Standards, if more stringent than limitations imposed by this Ordinance, the new Federal Categorical Pretreatment Standards shall immediately supersede the limitations imposed under this Ordinance. All affected users shall notify the General Manager of the applicable reporting and monitoring requirements imposed by the new federal law within thirty (30) days of passage.
- 5.04.11 State requirements and limitations on discharges shall apply in any case where they are more stringent than federal requirements and limitations or those of this Ordinance.
- 5.04.12 The District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina reserves the right to establish more stringent limitations or requirements on discharges to the sewerage system.

Section 5.05 Standards and Requirements for Food Service Establishments

Food Service Establishments shall provide means of preventing grease and oil discharges to the sewerage system. Where a grease and oil interceptor currently exists or is required by the Metropolitan Sewerage District of Buncombe County (MSD), it shall be maintained for continuous, satisfactory, and effective operation by the owner, leaseholder, or operator at his expense. Grease and oil interceptors shall be of a type and capacity approved by MSD and shall be located as to be readily accessible for cleaning and inspection.

- 5.05.01 All Food Service Establishments shall have grease-handling facilities approved by MSD. Establishments whose grease-handling facilities or methods are not adequately maintained to prevent fats, oils or grease (FOG) from entering the sewerage system shall be notified in writing of any noncompliance and required to provide a schedule whereby corrections will be accomplished.
- 5.05.02 All Food Service Establishments grease-handling facilities shall be subject to review, evaluation, and inspection by MSD representatives during normal working hours. Results of inspections will be made available to the owner, or operator. MSD may make recommendations for correction and improvement.
- 5.05.03 Each facility will be issued a Grease Interceptor/Trap Maintenance Log upon initial inspection. This log shall be kept up-to-date and shall be available during each inspection. Failure to maintain a log may constitute a violation of this Ordinance
- 5.05.04 Food Service Establishments receiving two (2) consecutive unsatisfactory evaluations or inspections may be subject to penalties or other corrective actions as provided for in this Ordinance. Food Service Establishments shall not be considered in compliance until two (2) consecutive satisfactory inspections have been conducted.

- 5.05.05 Food Service Establishments that continue to violate MSD's Grease Standards and Requirements may be subject to additional enforcement action including termination of services.
- 5.05.06 Food Service Establishments whose operations cause or allow excessive FOG to discharged or accumulate in the MSD collection system may be liable to MSD for costs related to MSD service calls for line blockages, line cleanings, line and pump repairs, etc. including all labor, materials, and equipment. If the blockage results in a Sanitary Sewer Overflow (SSO) and MSD is penalized for the SSO, the penalty may be passed along to the Food Service Establishment.
- 5.05.07 Regularly scheduled maintenance of grease-handling facilities is required to insure adequate operation. In maintaining the grease interceptors and/or grease traps, the owner, leaseholder, or operator shall be responsible for the proper removal and disposal of grease by appropriate means and shall maintain an on-site record of dates, and means of disposal.
- 5.05.08 All grease traps and/or grease interceptors shall be cleaned based on the 25% Rule.
FOR EXAMPLE: If the total depth (TD) of the GI is 40 inches, the maximum allowable depth (d) of floatable grease equals 40 inches multiplied by 0.25 or $d=TD \times 0.25 = 10$ inches. Therefore, the maximum allowable depth of floatable grease of the vessel should not exceed ten (10) inches.
- 5.05.09 The exclusive use of enzymes, grease solvents, emulsifiers, etc. is not considered acceptable grease trap maintenance practice.
- 5.05.10 Any Food Service Establishment whose effluent discharge to the sewerage system is determined by MSD to cause interference in the conveyance or operation of the sewerage system may be required to sample the grease interceptor and/or grease trap discharge and have it analyzed for FOG at the expense of the owner, leaseholder, or operator. Results of such analyses shall be reported to MSD.
- 5.05.11 All grease interceptors and/or grease traps shall be designed and installed to allow for complete access for inspection and maintenance of the inner chamber(s) and viewing and sampling of effluent wastewater discharged to the sewer. These chambers shall not be visually obscured with soil, mulch, floorings, or pavement of any substance.
- 5.05.12 Food Service Establishments shall adopt Best Management Practices (BMP's) for handling sources of floatable oils, fat or grease originating within their facility. A notice shall be permanently posted at a prominent place in the facility-advising employees of the BMP's procedures to be followed. MSD may render advice regarding the minimization of waste.
- 5.05.13 Food Services Establishments shall develop and implement a waste minimization plan pertaining to the disposal of grease, oils, and food particles. MSD may render advice or make suggestions regarding the minimization of waste.

Section 5.06 Construction Standards for New Food Service Establishments

New Food Service Establishments shall be required to install an "outdoor" grease interceptor, whose design and location must be approved in writing prior to installation by MSD.

- 5.06.01 Grease interceptors shall be adequately sized, with no interceptor less than 1,000 gallons total capacity unless otherwise approved by MSD.
- 5.06.02 The inlet chamber of the vessel will incorporate a PVC open sanitary-tee, which extends equal to or greater than 12 inches below the water surface. The outlet chamber of the vessel will incorporate a PVC open sanitary-tee that extends two-

thirds below the water surface. The sanitary-tees (both inlet and outlet) will not be capped but opened for visual inspection of the waste stream.

- 5.06.03 All grease interceptors, whether singular or two tanks in series, must have each chamber directly accessible from the surface to provide means for servicing and maintaining the interceptor in working and operating condition.
- 5.06.04 All pot & pan wash, pre-rinse sinks, scullery and floor drains will connect and discharge to the grease interceptor.
- 5.06.05 Where automatic dishwashers are installed, the discharge from those units will discharge directly into the building drainage system without passing through a grease trap, unless other wise directed by MSD.
- 5.06.06 Where automatic dishwashers are installed, the discharge from those units will discharge directly into the grease interceptor, before entering the building drainage system.
- 5.06.07 The pre-rinse sink of the automatic dishwasher will discharge directly into the grease interceptor and /or grease traps.
- 5.06.08 Where food-waste grinders are installed, the waste from those units shall discharge directly into the building drainage system without passing through grease interceptor and /or grease traps.
- 5.06.09 The grease interceptor shall be installed at least fifteen (15) feet from the last drainage fixture.
- 5.06.10 The grease interceptor shall be installed at least nine (9) feet from the exterior wall.
- 5.06.11 The grease interceptor shall not to be installed within a drive-thru pick-up area or underneath menu boards, or in the vicinity of menu boards.
- 5.06.12 A grease trap may be allowed in lieu of a grease interceptor, at the discretion of MSD. This determination will be based on standard engineering practice, which may determine that the grease interceptor installation is not feasible. The design and location of the grease trap must be approved in writing by MSD prior to installation.
- 5.06.13 The gallonage capacity of a grease trap shall be equal to or greater than double the gallonage capacity of all drainage fixtures discharging to the grease trap. These fixtures and other potentially grease-containing drains connecting to the grease trap will be determined and approved by MSD in writing prior to installation.
- 5.06.14 New Food Service Establishments shall not be allowed to initiate operations until all grease-handling facilities are approved, installed, and inspected by MSD.
- 5.06.15 A basket, screen or other intercepting device shall be installed to prevent passage into the drainage system of solids ½ inch or larger in size. The basket or device shall be removable for cleaning purposes.

Section 5.07 Construction Standards for Existing Food Service Establishments

All existing Food Service Establishments shall have grease-handling facilities. Food Service Establishments without any grease-handling facilities will be given a compliance schedule to have grease-handling equipment installed. Failure to do so will be considered a violation of this Ordinance and may subject the facility to penalties and/or corrective actions.

- 5.07.01 In the event an existing Food Service Establishment's grease-handling facilities are either under-designed or substandard in accordance with this Ordinance, the

- owner(s) will be notified in writing of the deficiencies and required improvements, and given a compliance schedule.
- 5.07.02 For cases in which "outdoor" grease interceptors are infeasible to install, existing Food Service Establishments will be required to install approved "under-the-counter" grease traps.
- 5.07.03 Factory-installed flow control fittings must be provided to the inlet side of all "under-the-counter" grease traps to prevent overloading of the grease trap and to allow for proper operation.
- 5.07.04 MSD approval of grease trap design shall be obtained prior to installation.
- 5.07.05 The location of "under-the-counter" units shall be determined and approved by MSD prior to installation.
- 5.07.06 Wastewater from garbage grinders should not be discharged to grease interceptors.
- 5.07.07 Wastewater from automatic dishwashers should be discharged to grease interceptors.
- 5.07.08 Wastewater from the pre-rinse sink of the automatic dishwasher shall discharge directly into grease interceptors.
- 5.07.09 In maintaining grease interceptors, the owner(s) shall be responsible for the proper removal and disposal of captured material and shall maintain records of the dates and means of disposal.
- 5.07.10 The exclusive use of enzymes, grease solvents, emulsifiers, etc. is not considered acceptable grease trap maintenance practice. All grease interceptors must be cleaned based on the 25% Rule as directed in Subsection 5.05.08.

Section 5.08 New Food Service Establishments in Existing Buildings

Where practical, new food service establishments locating in existing buildings will be required to comply with the standards applicable to new facilities as directed in Section 5.06 of this Ordinance.

- 5.08.01 Where physically impossible to install "outdoor" units (grease interceptor), "under-the-counter" units (grease trap) may be allowed as directed in Section 5.07 of this Ordinance, provided prior approval of unit type, size and location is obtained from MSD.

SECTION 6**PRETREATMENT****Section 6.01 Responsibility for Pretreatment**

Each User shall provide wastewater treatment as necessary to comply with this Ordinance and wastewater permits issued under Section 4 of this Ordinance and shall achieve compliance with all National Categorical Pretreatment Standards, Local Limits, and the prohibitions set out in Section 5 of this Ordinance within time limitations as specified by EPA, the State, or the General Manager, whichever is more stringent. Any facilities necessary for compliance shall be provided, operated, and maintained at the user's expense.

Section 6.02 Authorization to Construct

Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the General Manager for review, and shall be approved by the General Manager before construction of the facility.

- 6.02.01 Any subsequent changes in the pretreatment facilities or method of operation shall be reported to and be approved by the General Manager prior to the User's initiation of the changes.
- 6.02.02 The review of such plans and operating procedures shall in no way relieve the User from the responsibility of modifying the facility as necessary to produce an effluent discharge acceptable to the General Manager under the provisions of this Ordinance.

Section 6.03 Maintenance of Pretreatment Facilities

If pretreatment or control of industrial wastewater is required, such pretreatment or control facilities shall be constructed, maintained in good working order and properly operated as efficiently as possible by the owner or User at his cost and expense, subject to the requirements of this Ordinance and all other applicable codes, ordinances, regulations and laws.

Section 6.04 Additional Pretreatment Measures

Whenever deemed necessary, the General Manager may require users to restrict their wastewater discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage waste streams from industrial waste streams, and such other conditions as may be necessary to protect the sewerage system and determine the user's compliance with the requirements of this Ordinance. Additionally:

- 6.04.01 The General Manager may require any person discharging into the sewerage system to install and maintain, on their property and at their expense, a suitable storage and flow-control facility to ensure equalization of flow. A wastewater discharge permit may be issued solely for flow equalization.
- 6.04.02 Grease, oil, and sand interceptors shall be provided when, in the discretion of the General Manager, they are necessary for the proper handling of wastewater containing excessive amounts of grease and oil, or sand; except that such interceptors shall not be required for residential users. All interceptors or traps shall be of type and capacity approved by the General Manager and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired regularly, as needed, by the user at their expense.
- 6.04.03 Users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

Section 6.05 Pretreatment for Accidental Discharge

To provide protection from Accidental Discharges as defined in Subsection 1.03.02:

- 6.05.01 Pollutants, substances, wastewater, or waste prohibited by this Ordinance shall not be stored in such a manner that they could be discharged to the sewerage system.
- 6.05.02 Each Commercial and Industrial User shall provide protection from accidental discharge of prohibited materials or other waste regulated by this Ordinance. Facilities to prevent accidental discharge of prohibited materials shall be provided and maintained at the owner's or User's own cost and expense. Detailed plans showing facilities and operating procedures to provide this protection may be required to be submitted to the General Manager upon request for review and approval. Review and approval of such plans and operating procedures shall not relieve the User of the responsibility to modify his facility as necessary to meet the requirements of this Ordinance.
- 6.05.03 An accidental discharge plan shall address, at a minimum, the following:
- A. Description of discharge practices, including non-routine batch discharges;
 - B. Description of stored chemicals;
 - C. The telephone numbers, personnel and agencies to be contacted during any accidental or slug discharge;
 - D. Procedures for immediately notifying the General Manager of any accidental or slug discharge, as required by Subsection 6.05.04 of this Ordinance; and
 - E. Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures shall include, but not be limited to, inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site runoff, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants, including solvents, and/or measures and equipment for emergency response.
- 6.05.04 If, after taking action as provided in Subsection 6.05.01, an Industrial User fails to comply with any prohibition or limitation in this Ordinance, the User responsible for such accidental discharge shall immediately notify the General Manager in accordance with Section 10.07 so that any feasible corrective action may be taken to protect the sewerage system or to minimize adverse effects thereon. In addition, a written report, addressed to the General Manager, shall be filed by an Authorized Representative of the User within five (5) days of the occurrence of the accidental discharge detailing the date, time and cause of the accidental discharge, the quantity and characteristics of the Accidental Discharge and corrective action taken to prevent future accidental discharges.
- 6.05.05 A notice shall be permanently posted at a prominent place in the facility for which the permit has been issued advising employees whom to call in the event of an accidental discharge. The notice shall include at least the notification requirements set forth in Subsection 10.07.04 of this Ordinance. Users shall ensure that all employees who observe or who may cause or suffer such an accidental discharge to occur are advised of the emergency notification procedure.

SECTION 7**FLOW AND CONCENTRATION CONTROL****Section 7.01 Discharge of Slugs Prohibited**

No User shall discharge into the MSD Sewerage System any waste or wastewater, which constitutes a slug as, defined in Subsection 1.03.69.

Section 7.02 Control of Discharge Rates

Any User now discharging or proposing to discharge waste, which may include slugs, may be required to provide facilities or adopt procedures for regulating, controlling or equalizing the concentrations of any constituents or the rate of waste discharge.

Section 7.03 Spill Control Response Plan/Slug Discharge Plan

At least once every three (3) years, MSD shall evaluate whether each Commercial or Industrial User needs a Spill Control Response Plan or a Slug Discharge Plan. MSD may require any User to develop, submit for approval, and implement such a plan. Each plan shall include, at least, a minimum of the items outlined in Subsection 6.05.03:

Section 7.04 Reporting of Spills/Slug Discharges

Spills and slug discharges shall be immediately reported to the General Manager in accordance with the requirements of Subsection 6.05.04 and Section 10.07 of this Ordinance.

SECTION 8**MEASUREMENT OF FLOW****Section 8.01 Determination of Wastewater Volumes**

The volume or quantity of waste discharged by any User into the MSD Sewerage System shall be measured by one or more of the following methods:

- 8.01.01 If the volume of water used by any User in industrial or process operations is substantially the same as the volume secured from the municipal waterworks system, then the volume of water purchased shall be considered to be the volume of waste discharged.
- 8.01.02 If a substantial portion of the water secured from the municipal waterworks system is not used in a user's facility or is not returned to the sewerage system, the quantity of waste shall be determined by one or more of the following methods:
- A. By a flow meter(s) on the water supply line(s) to a process operation(s) or use, or;
 - B. By a flow meter(s) on the Waste line(s) from an operation(s), or;
 - C. If flow meters as required under Subsection 8.01.02(A) and 8.01.02(B) above shall not have been installed, the volume of water purchased shall be considered to be the volume of waste discharged unless MSD approves an alternate method of determining the amount of water not discharged to the sewerage system.
- 8.01.03 If any User, now discharging or proposing to discharge waste into the sewerage system does not secure the entire water supply from the municipal waterworks system, such User shall install and maintain a flow meter(s) on the waste line(s) from process operations or shall install such additional flow meters on the private water supply as required to permit determination of the total quantity discharged to the sewerage system from all sources under procedures comparable to Subsection 8.01.01 or 8.01.02 above.

Section 8.02 Provision, Calibration, and Certification of Flow Meters

If flow meter(s) are installed to fulfill requirements of Subsection 8.01.02 or 8.01.03 above:

- 8.02.01 Such flow meter(s) shall be installed at User's expense, and;
- A. The location of such flow meter(s) shall be approved by MSD prior to installation, and;
 - B. Such flow meter(s) are to be of the non-resettable style, and;
- 8.02.02 Such flow meter(s) shall be calibrated by the supplier at the time of installation and thereafter at the discretion of the General Manager, and;
- 8.02.03 Annual certification of calibration shall be provided to MSD within fifteen (15) days of each calibration for effluent Flow Meters, and;
- 8.02.04 The General Manager, at his discretion, may require calibration by an independent testing laboratory. If the meter is found to be in calibration, MSD will pay for testing service. However, if the meter is found to be out of calibration the User shall be required to pay for this.

Section 8.03 Identification of All Flows Required

All sources of water supply and all discharges of wastewater into the sewerage system must be identified in accordance with the provisions of Section 8.01. Any omissions shall be considered as unauthorized use of the MSD Sewerage System.

SECTION 9**MONITORING FACILITIES****Section 9.01 General Requirements for Monitoring Facilities**

Any User who is discharging or proposes to discharge waste into the MSD Sewerage System may be required to provide, operate, and maintain at the User's expense monitoring facilities to allow inspection, sampling, and flow measurement of the building sewer and internal drainage systems. These monitoring facilities shall be as specified in the User's Permit to Discharge Waste. The monitoring facilities should normally be situated on the User's premises but MSD may, when such a location would be impractical or cause undue hardship on the User, allow the facilities to be constructed in a public street or sidewalk area and located so that they will not be obstructed.

Section 9.02 Maintenance of Monitoring Facilities

There shall be ample room in or near such monitoring facilities to allow accurate sampling and preparation of samples for analysis. The monitoring facilities shall be maintained at all times in a safe, accurate, and proper operating condition at the expense of the User.

Section 9.03 Continuous Recording and Sampling Equipment

When deemed necessary by the General Manager, continuous recording, and sampling equipment shall be installed and maintained.

Section 9.04 Construction Periods

Whether constructed on public or private property, the sampling and monitoring facilities shall be provided in accordance with MSD requirements and all applicable local construction standards and specifications. Construction of said facilities shall be completed within ninety (90) days following written notification by MSD. Additional construction time may be granted in the discretion of the General Manager.

Section 9.05 Additional Facilities for Present Users

The General Manager shall review monitoring facilities of present users and may require additional monitoring facilities as required for compliance with Sections 9.01, 9.02, and 9.03 above.

Section 9.06 Monitoring Facilities for New Users

New Users may be required to provide monitoring facilities as specified in their Permits to Discharge Waste prior to start up.

SECTION 10 INSPECTIONS, MONITORING REPORTING AND RECORDS

Section 10.01 Periodic Inspections

The waste and other pollutants being discharged into the MSD Sewerage System by Users shall be subject to periodic inspection, sampling, records examination, and copying. Determinations of character and strengths of said waste may be made annually or more often as may be deemed necessary by the General Manager or his authorized representatives and as indicated in the User's Permit to Discharge Waste to ascertain whether the purposes of this Ordinance are being met, all requirements are being complied with and to determine strength of waste.

Section 10.02 Reporting Requirements for Applicable Categorical Standards

Pretreatment Standards as defined in Subsection 1.03.39 are as follows:

10.02.01 **Baseline Monitoring Reports**

Within either one hundred eighty (180) days after the effective date of a Categorical Pretreatment Standard, or the final administrative decision on a category determination under 40 CFR 403.6(a) (4), whichever is later, existing categorical users currently discharging to or scheduled to discharge to the POTW shall submit to the General Manager a report which contains the information listed in Subsection 10.02.02. At least ninety (90) days prior to commencement of their discharge, new sources, and sources that become categorical users subsequent to the promulgation of an applicable Categorical Standard, shall submit to the General Manager a report, which contains the information listed in Subsection 10.02.02. A new source shall report the method of pretreatment it intends to use to meet applicable categorical standards. A new source also shall give estimates of its anticipated flow and quantity of pollutants to be discharged.

10.02.02 Baseline Monitoring Reports shall include:

- A. The name and address of the facility, including the name of the operator and owner;
- B. A list of any environmental control permits held by or for the facility;
- C. A brief description of the nature, average rate of production, and Standard Industrial Classifications of the operation(s) carried out by a User. This description should include a schematic process diagram which indicates points of discharge to the sewerage system from the regulated processes;
- D. Information showing the measured average daily and maximum daily flow, in gallons per day, to the sewerage system from regulated process streams and other streams, as necessary, to allow use of the combined wastestream formula set out in 40 CFR 403.6(c);
- E. The Categorical Pretreatment Standards applicable to each regulated process;
- F. The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the standard or by the General Manager, of regulated Pollutants in the discharge from each regulated process. Instantaneous, daily maximum, and long-term average concentrations, or mass, where required, shall be reported. The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in Section 10.09 of this Ordinance;
- G. Sampling must be performed in accordance with procedures set out in Section 10 of this Ordinance and 40 CFR 403.12(b) and (g), including 40CFR 403.12(g)(4);
- H. A certification statement, reviewed by the current User's Authorized Representative as defined in Subsection 1.03.04 and certified by a qualified professional, indicating whether pretreatment standards are being met on a

consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required to meet the Pretreatment Standards and requirements;

- I. Compliance schedule. If additional pretreatment and/or operation/maintenance will be required to meet the pretreatment standards, the shortest schedule by which the User will provide such additional pretreatment and/or operation/maintenance. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this section must meet the requirements set out in Section 10.03 of this Ordinance; and
- J. All Baseline Monitoring Reports must be signed and certified by the current Authorized Representative of an Industrial User as defined in Subsection 1.03.04 of this Ordinance.

Section 10.03 Compliance Schedule Progress Reports

- 10.03.01 The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the User to meet the applicable pretreatment standards (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation).
- 10.03.02 No increment referred to above shall exceed nine (9) months;
- 10.03.03 The User shall submit a progress report to the General Manager no later than fourteen (14) days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the User to return to the established schedule; and
- 10.03.04 In no event shall more than nine (9) months elapse between such progress reports to the General Manager.

Section 10.04 Reports on Compliance with Categorical Pretreatment Standards Deadline

Within ninety (90) days following the date for final compliance with applicable Categorical Pretreatment Standards, or in the case of a New Source following commencement of the introduction of Wastewater into the POTW, any User subject to such Pretreatment Standards and requirements shall submit to the General Manager a report containing the information described in Subsection 10.02.02 of this Ordinance. For Users subject to equivalent mass or concentration limits established in accordance with the procedures in 40 CFR 403.6(c), this report shall contain a reasonable measure of the User's long-term production rate. For all other Users subject to Categorical Pretreatment Standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall included the User's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with Subsection 1.03.04 of this Ordinance.

Section 10.05 Periodic Compliance Reports for Significant Industrial Users

- 10.05.01 Significant Industrial Users may, at a frequency determined by the General Manager, but in no case less than once every six (6) months, submit a report indicating the nature and concentration of Pollutants in the discharge, which are limited by Pretreatment Standards, and applicable daily flows for the reporting period. Sampling and analysis must be performed in accordance with procedures set out in Section 10.09. All periodic compliance reports must be signed and certified in accordance with Subsection 1.03.04 of this Ordinance;

- 10.05.02 Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a User to keep its monitoring facility in good working order shall not be grounds for the User to claim that sample results are unrepresentative of its discharge; and
- 10.05.03 If a User subject to the reporting requirement in this section monitors any Pollutant more frequently than required by the General Manager, using the procedures prescribed in Section 10.09 of this Ordinance, the results of this monitoring shall be included in the report.

Section 10.06 Reports of Changed Conditions

In accordance with the requirements of Section 4.03 and Subsection 10.07.04 of this Ordinance, each User must notify the General Manager of any planned significant changes to the User's operation or system, which might alter the nature, quality, or volume of its Wastewater at least ninety (90) days before the change. The General Manager may require the User to submit such information as may be deemed necessary to evaluate the changed condition.

Section 10.07 Reports of Potential Problems

- 10.07.01 In the case of any discharge, including, but not limited to, Accidental Discharge as defined in Subsection 1.03.02, discharge of a non-routine, episodic nature, a non-customary batch discharge, a Slug load as defined in Subsection 1.03.69, a discharge of any prohibited wastes as defined in Section 5.03 that may cause potential problems for the POTW, the User shall immediately telephone and notify the General Manager of the incident. This notification shall include the location of the discharge, type of Waste, concentration and volume, if known, and corrective actions taken by the User;
- 10.07.02 Within five (5) days following such discharge, the User shall, unless the requirement is waived by the General Manager, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the User to prevent similar future occurrences. Such notification shall not relieve the User of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, natural resources, or any other damage to other person or property; nor shall such notification relieve the User of any fines, penalties, or other liability which may be imposed pursuant to this Ordinance;
- 10.07.03 A notice shall be permanently posted on the User's bulletin board or other prominent place advising employees whom to call in the event of a discharge described in Subsection 10.07.01, above. Users shall ensure that all employees, who may cause such a discharge to occur, are advised of the emergency notification procedure.
- 10.07.04 All SIUs are required to notify the General Manager immediately of any changes at the facility affecting the potential for spills and other accidental discharge, as defined in Subsection 1.03.02.

Section 10.08 Notice of Violation/Repeat Sampling and Reporting

- 10.08.01 If sampling performed by a User indicates a violation, the User must notify the General Manager within twenty-four (24) hours of becoming aware of the violation. The User shall also repeat the sampling and analysis and submit the results of the repeat analysis to the General Manager within thirty (30) days after becoming aware of the violation. The User is not required to resample:
- A. If the General Manager or his designee conducts monitoring at the user's facility at least once a month; or

- B. If the General Manager or his designee samples between the users' initial sampling and when the User receives the results of this sampling.
- 10.08.02 If the General Manager does not require the User to perform any self-monitoring and the POTW sampling of the User indicates a violation, the industrial user shall repeat the sampling and obtain the results of the repeat analysis within thirty (30) days after becoming aware of the violations, unless one of the following occurs:
- A. The General Manager or his designee conducts monitoring at the user's facility at least once a month; or
- B. The General Manager or his designee samples the User between their initial sampling and when the POTW receives the results of this initial sampling; or
- C. The General Manager or his designee requires the User to perform sampling and submit the results to the General Manager within the 30 day deadline of the POTW becoming aware of the violation.

Section 10.09 Sampling, Analyses and Reporting for All Users

Samples shall be collected manually or mechanically over such periods of time and composited in such a manner as to be representative of the waste being discharged in accordance with requirements specified in the User's Permit to Discharge Waste. Sampling techniques and laboratory methods followed in the examination of said Waste shall be in accordance with those as set forth in 40 CFR Part 136, unless otherwise specified in applicable Categorical Pretreatment Standard. Reports of the analyses shall be submitted in accordance with requirements specified in the User's Permit to Discharge Waste. If 40 CFR Part 136 does not contain sampling or analytical techniques for the Pollutant in question, sampling and analyses must be performed in accordance with procedures approved by EPA.

10.09.01 **Grab and Composite Sample Collection**

- A. All wastewater samples must be representative of the user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a User to keep its monitoring facility in good working order shall not be grounds for the user to claim that sample results are unrepresentative of its discharge.
- B. Grab Samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, volatile organic compounds, and any other pollutants as required by 40 CFR 136. The General Manager shall determine the number of grabs necessary to be representative of the User's discharge. See 40 CFR 403.12(g) (5) for additional grab sample number requirements for BMR and 90 Day Compliance Reports. Additionally, the General Manager may allow collection of multiple grabs during a 24 hour period which are composited prior to analysis as allowed under 40 CFR 136.
- C. **Composite Samples:** All wastewater composite samples shall be collected in accordance with Subsection 1.03.12. All wastewater composite samples shall be collected using flow proportional composite collection techniques, unless time-proportional composite sampling or grab sampling is authorized by the General Manager. When authorizing time-proportional composites or grabs, the samples must be representative and the decision to allow the alternative sampling must be documented.

10.09.02 **Splitting of Samples**

When requested by the Industrial User, samples collected by MSD will be split with the Industrial User for verification of analytical results. Valid results from an Industrial User's split must be averaged with MSD's results and the average used for limit compliance judgment. However, determination of the character, strength or quantity of the Waste as made by the General Manager or his authorized representatives, shall be conclusive for the computation of sewer charges.

- 10.09.03 **Date of Submittal**
Written reports received via the United States Postal Service will be deemed to have been submitted on the date postmarked. For reports not submitted via the United States Postal Service, (e.g. courier service, electronic mail, facsimile) the date of receipt shall be the submittal date.
- 10.09.04 **Record Keeping**
Users subject to the reporting requirements of this Ordinance shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this Ordinance and any additional records of information obtained pursuant to monitoring activities undertaken by the User independent of such requirements. Records shall include the date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the User or MSD, or where the User has been specifically notified of a longer retention period by the General Manager.

Section 10.10 Notification of Discharge of Hazardous Material

- 10.10.01 Subsection 5.01.05 of this Ordinance prohibits the discharge of hazardous material. Any User who may accidentally discharge hazardous material shall immediately notify the General Manager, the EPA Regional Waste Management Division Director, and the State Division of Solid Waste Management.
- 10.10.02 The use of any new hazardous materials or hazardous Waste in a User's facility must be immediately reported to the General Manager, the EPA Regional Waste Management Division Director, and the State Division of Solid Waste Management.
- 10.10.03 In the case of any notification made under this section, the User shall certify that it has a program in place to prevent the discharge of a toxic or hazardous material.

SECTION 11**AUTHORITY FOR INSPECTION****Section 11.01 Right of Entry**

The General Manager or his duly authorized representatives shall be permitted to enter upon the property of the User for the purpose of inspection, observation, flow measurement, sampling, and testing of industrial waste and other pollutants in accordance with this Ordinance.

Section 11.02 Ready Access

Any User shall allow MSD or their representative immediate access to all points on their premises for the purposes of inspection, sampling, records examination, or for the performance of any MSD related duties.

Section 11.03 Monitoring Access

MSD, the Approval Authority, and EPA shall have the right to set up on the User's property such devices as are necessary to conduct sampling, inspection, compliance monitoring, and flow metering operations.

Section 11.04 Security Arrangements

Where a User has security measures in force which would require proper identification and clearance before entry onto the user's premises, the User shall make necessary arrangements with the User's security guards so that upon presentation of suitable identification, personnel from MSD, the Approval Authority and EPA will be permitted to enter without delay for the purposes of performing their specific responsibilities. Unreasonable delays may constitute denial of access.

Section 11.05 Search Warrants

If the General Manager, pretreatment staff, or EPA has been refused access to a building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this Ordinance, or that there is a need to inspect or sample as part of a routine inspection and sampling program of MSD designed to verify compliance with this Ordinance or any permit or order issued hereunder, or to protect the overall public health, safety and welfare of the community, then MSD or EPA may seek issuance of a search warrant from a court of competent jurisdiction.

SECTION 12**CONFIDENTIAL INFORMATION****Section 12.01 Confidential Information**

Information and data on a User obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspections shall be available to the public or other governmental agencies without restriction unless the User specifically requests and is able to demonstrate to the satisfaction of the General Manager that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the User. Such request must be asserted, in writing, at the time of the submission of the information or data. When requested by the person furnishing a report, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public but shall be made available upon written request to governmental agencies for uses related to this Ordinance, the National Pollutant Discharge Elimination System (NPDES) Permit; provided, however, that such portions of a report shall be available for the use by the State or any state agency in judicial review or enforcement proceedings involving the Person furnishing the report. Wastewater constituents and characteristics will not be recognized as confidential information.

All records relating to compliance with pretreatment standards shall be made available to officials of the Approval Authority and EPA upon request.

SECTION 13**PROTECTION OF EQUIPMENT****Section 13.01 Protection of Equipment**

No person shall maliciously, willfully or negligently break, damage, destroy, deface, tamper with or remove any equipment or materials which are a part of the MSD Sewerage System or which are used by MSD for the purposes of making waste examinations and waste flow measurements or monitoring. Only persons authorized by the General Manager will be allowed to uncover, adjust, maintain, and remove such equipment and materials.

SECTION 14 ENFORCEMENT, PENALTIES AND COSTS

Section 14.01 Enforcement Action

Any User, who violates any provision of this Ordinance, a condition of a permit, or applicable State or Federal laws or regulations, may be subject to enforcement action by the General Manager of MSD as follows:

14.01.01 Notice of Violation

Whenever the General Manager determines that a User has violated or is violating this Ordinance, a Permit, or any prohibition, limitation or requirement contained in this Ordinance, a Permit or any other Pretreatment Requirement, the General Manager may serve upon the User a written Notice of Violation which shall be addressed to the Authorized Representative of the User and shall set forth the date and the nature of the violation. Within thirty (30) days of the date of the Notice of Violation, the User shall submit a written account of the reason for the violation and a plan for the satisfactory correction thereof to the General Manager, and shall schedule a meeting with the General Manager or his designee. Submission of the plan does not relieve the User from liability for any violations occurring either before or after receipt of the Notice of Violation.

14.01.02 Show Cause Hearing

The General Manager may order any User who causes or is responsible for an unauthorized discharge, has violated this Ordinance or is in noncompliance with a wastewater discharge permit to show cause why a proposed enforcement action should not be taken. In the event the General Manager determines the Show Cause order should be issued, a notice shall be served on the User specifying the time and place for the hearing, the proposed enforcement action, the reason(s) for such action, and a request that the User show cause why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail at least ten days before the hearing. Service may be made on any agent or officer of a corporation. The General Manager shall review the evidence presented at the hearing and determine whether the proposed enforcement action is appropriate. A Show Cause hearing under this section is not a prerequisite to the assessment of a civil penalty under this Ordinance, nor is any action or inaction taken by the General Manager under this section subject to appear.

14.01.02 Consent Agreements

The General Manager is authorized to enter into consent agreements or other similar documents establishing agreements with Users not in compliance. Such agreements or documents will include specific actions to be taken by a User to correct noncompliance within a specific time period and may be titled "Consent Order" or "Consent Agreement". Similar documents shall have the same force and effect as Consent Orders and Administrative Orders issued pursuant to Subsection 14.01.03 of this Ordinance.

14.01.03 Administrative Order

If the General Manager finds that a User has violated or continues to violate this Ordinance, a Permit, or other applicable State or Federal law or regulation, the General Manager may issue an Administrative Order to Cease and Desist all such violations and direct the User to do any or all of the following:

- A. Immediately comply with all Pretreatment Requirements
- B. Comply with all Pretreatment Requirements in accordance with a time schedule set forth in the Administrative Order.
- C. Take appropriate action to prevent a continuing or threatened violation.

- D. Disconnect the User's connection to the sewerage system unless the User's discharge can be adequately treated to bring it into compliance.

14.01.04

Emergency Suspension

- A. The General Manager may revoke a User's Permit or right to discharge to the Sewerage System if, in the discretion of the General Manager, such a revocation or suspension is necessary in order to stop an actual or threatened discharge which presents or may present an imminent or substantial endangerment to the public health and welfare or to the environment, or which interferes or may interfere with the operation of the POTW or which causes or may cause the POTW to violate any condition of its NPDES Permit or its permit to incinerate or chemically stabilize sludge for land application.
- B. A notice of suspension shall be sent to an Authorized Representative of the User by certified and regular mail or may be hand delivered to the User's facility. A User so notified shall immediately stop or eliminate the discharge. Within fifteen (15) days of the notice of suspension or revocation, a hearing will be held to determine whether the suspension may be lifted or the Permit terminated. The hearing will be conducted by a Hearing Officer or Officers appointed by the District Board. At the hearing the General Manager, or his designee, shall present evidence as to the Revocation of the User's Permit or right to discharge to the Sewerage System. The User may present evidence showing why the revocation or suspension should not be upheld. Both the User and the General Manager have the right to be represented by counsel and the right to cross-examine witnesses testifying for the opposing party. The Hearing Officer(s) is authorized to require testimony under oath or affirmation. The Hearing Officer(s) may require the General Manager and the User to present a written summary of the evidence to be presented at the hearing and may limit the hearing to the specific issues surrounding the revocation or suspension. The Hearing Officer may continue the hearing from day to day as necessary to complete the hearing.
- C. Within fifteen (15) days of the hearing, the Hearing Officer(s) shall make a determination as to whether or not the revocation of the Permit or suspension of User's right to discharge to the District Sewerage System shall be upheld. The Hearing Officer's Decision shall be transmitted in writing to the User, the General Manager and to the District Board of the Metropolitan Sewerage District. The Hearing Officer's Decision may be appealed to the District Board of the Metropolitan Sewerage District. The appeal must be in writing, must be made within fifteen (15) days of the date of the Hearing Officer's Decision, and must state specifically what exceptions are taken to the Hearing Officers Decision. The appeal to the District Board shall be conducted in accordance with the procedures in Subsection 14.03.05.
- D. If a User fails to comply voluntarily with a Suspension Order or Revocation of Permit, the General Manager shall take such steps as, in his discretion, are necessary to prevent or minimize damage to the POTW or endangerment to any individuals. Such steps may include immediate severance of the User's connection to the Sewerage System and injunctive relief in the General Court of Justice.

The General Manager may reissue a Permit to Discharge Industrial Waste and allow re-connection to the Sewerage System upon satisfactory proof of the elimination of the non-compliant discharge. The General Manager may require sampling and analysis of the discharge prior to any re-issuance or any re-connection. The User shall submit a detailed written statement describing the causes of the non-compliant discharge and the measures taken to prevent any future occurrence.

14.01.05 Termination of Permits or Permission to Discharge

The General Manager may revoke a wastewater discharge permit or permission to discharge for good cause, which may include, but shall not be limited to, the following:

- A. Failure to accurately monitor and report the wastewater constituents and characteristics of the discharge;
- B. Failure to report significant changes in operations, or wastewater constituents;
- C. Refusal of reasonable access to the Users premises for the purpose of inspection or monitoring; or
- D. Violation of conditions of the Permit or permission to discharge, conditions of this Ordinance, or any applicable State and Federal regulations.

Users whose permits are subject to revocation under this section may be notified of the proposed termination and may be offered an opportunity to show cause why the proposed action should not be taken.

Section 14.02 Civil Penalties

14.02.01 Any User who is in violation of any provision of this Ordinance, a Consent Agreement, Administrative Order, a Rule, Regulation, Law or Permit condition may be fined up to Twenty-five Thousand Dollars (\$25,000.00) per day per violation, provided, however, any penalty assessed against a User for a violation must be assessed in accordance with the requirements of N. C. Gen. Stats. 143-215.6A.

14.02.02 Each day the violation continues may be considered a separate violation.

14.02.03 In determining the amount of a Civil Penalty, the General Manager may consider the following:

- A. The degree and extent of the harm done to the natural resources of the State, to the public health, or to public or private property as a result of the violation;
- B. The duration and severity of the violation;
- C. The effect on ground or surface water quality, or on air quality;
- D. The cost of repairing the damage to the sewerage system, to property and to the natural resources of the State;
- E. The amount of money saved, if any, by noncompliance, including the cost of continuing to discharge in noncompliance instead of stopping operations;
- F. Whether the violation was committed negligently, grossly negligently, recklessly negligently, willfully, or intentionally;
- G. The prior record of the User in complying or failing to comply with the conditions of its permit, this Ordinance, or other environmental laws and regulations, with respect to the Metropolitan Sewerage District, other parts of North Carolina or other states in the United States;
- H. The cost to the POTW, including attorney's fees, sampling costs, cost of additional laboratory analysis, cost of engineering and consulting fees necessary, in the discretion of the District, to determine the nature and extent of damage, prevent further damage and repair any damage.

14.02.04 Notice of Civil Penalty

An assessment of Civil Penalty ("the Civil Penalty Assessment") shall be made by written notice from the General Manager to the Authorized Representative of the User. The notice shall be sent by certified and regular mail to the address of the User's facility.

Section 14.03 Hearing**14.03.01 Request for Hearing**

A User whose Permit has been terminated pursuant to this Ordinance, an Applicant for Permit whose application has been denied or whose Permit has been issued with conditions the User deems unacceptable, or a User who has been assessed a Civil Penalty or issued an Administrative Order shall have the right to an adjudicatory hearing before a Hearing Officer(s) appointed by the Chairman of the District Board of the Metropolitan Sewerage District. A request for hearing must be made in writing to the General Manager within thirty (30) days of the date of the Civil Penalty, Administrative Order, or denial or issuance of the Permit and must identify specific issues to be considered at the hearing. If no such demand is made within thirty (30) days of the date of the Civil Penalty Assessment, Notice of Termination, or Administrative Order, or if specific issues to be considered at the hearing are not identified, the District action shall be final and binding. Within thirty (30) days of the receipt of a Request for Hearing, The Hearing Officer(s) will schedule a hearing and issue a Notice of Hearing to the General Manager and to the User; unless the User and the General Manager mutually agree the hearing may be held at a later date. Upon timely filing of an appeal, including an appeal from a decision of the District Board to the Superior Court of the General Court of Justice, of the terms and conditions of a renewed permit or the denial of an application for permit, the User shall be allowed to discharge in accordance with the terms and conditions of the prior permit, or if there were no permit, in accordance with the requirements of this Ordinance, until either the conclusion of the Appeal or until resolved by mutual agreement of MSD and the applicant.

14.03.02 Hearing Procedures

The hearing shall be conducted by a Hearing Officer or Officers who shall have the power to regulate the conduct of the hearing. Such power shall include the right to require testimony be given under oath or affirmation; the right to ask questions of the User and the General Manager, the right to adjourn the hearing from day to day to facilitate its completion; the right to require the User or the General Manager to make available for testimony and questioning Employees and agents. The General Manager and the User shall have the right to be represented by counsel; the right to present evidence in the form of testimony and documentary evidence; and the right to cross-examine witnesses. Testimony at the hearing may be recorded stenographically in the discretion of the Hearing Officer(s). If testimony is recorded stenographically, a transcript of the testimony will be made available to the User or the General Manager upon payment of the usual charges therefore.

14.03.03 A Record of Hearing shall be maintained by the Hearing Officer and shall include:

- A. A copy of the Civil Penalty Assessment;
- B. Notice of Termination of Permit or Administrative Order;
- C. Notice of Request for Adjudicatory Hearing;
- D. Transcript of testimony at the hearing, if any;
- E. Documents presented by User or General Manager;
- F. Decision by Hearing Officer(s).
- G. Additional material in the discretion of the Hearing Officer(s).

14.03.04 Within sixty (60) days of the receipt of the Request for Hearing, unless the time therefore is extended by mutual agreement of the General Manager and the User, the Hearing Officer(s) shall hold a hearing and make a Decision. A copy of the Hearing Officer's Decision shall be transmitted by certified and regular mail to the User and to the General Manager.

14.03.05 Final Appeal Hearing

Any decision of the Hearing Officer(s) made as a result of the Adjudicatory Hearing may be appealed to the District Board by filing a written request for appeal within ten (10) days of receipt of the Hearing Officer's Decision. Upon the filing of an appeal, the Hearing Officer(s) shall provide the District Board with a Record of the Adjudicatory Hearing. The District Board, or a committee consisting of two or more of its members appointed by the Chairman, shall review the Record and the Hearing Officer's Decision and make a recommendation to the District Board. The District Board shall consider the matter no later than its second regularly scheduled meeting following the date the appeal was filed. The District Board shall transmit a written copy of its Final Order by certified and regular mail to the User and to the General Manager.

14.03.06 Judicial Review

A User against whom a Final Order or Decision of the District Board has been entered may seek judicial review of the order or decision by filing a written petition within thirty (30) days of receipt of the Final Order with the Superior Court of Buncombe County. A copy of the petition must be served on the General Manager and the Chairman of the District Board. Within thirty (30) days of the receipt of the Petition for Judicial Review, the District Board shall transmit to the Superior Court of Buncombe County a certified copy of the official record of the proceedings before the District Board.

Section 14.04 Other Remedies

The General Manager may use other available remedies to attempt to bring users into compliance including but not limited to:

14.04.01 Criminal Violations

Upon recommendation of the District Board, the General Manager may request that the District Attorney for the 28th Judicial District prosecute users not in compliance with the provisions of North Carolina General Statutes 143-215.6B, or that the United States Attorney prosecute users not in compliance with the Clean Water Act and regulations promulgated thereunder.

14.04.02 Injunctive Relief

Whenever a User is in violation of the provisions of this Ordinance, a permit issued hereunder or any provision thereof, or applicable law or regulation, the General Manager, may file a lawsuit in the Superior Court of Buncombe County for the issuance of a restraining order, preliminary or permanent injunction restraining the activity by the User in violation of the permit or ordinance.

14.04.03 Water Supply Severance

Whenever a User is in violation of the provisions of this Ordinance, a permit issued hereunder, or provision thereof or applicable law or regulation, the General Manager may request that the respective county, district, city, town, or other entity providing water to the User, sever the user's water supply and re-connect the water supply only after satisfactory compliance with the user's permit or the provisions of this Ordinance.

Section 14.05 Remedies Nonexclusive

The remedies provided for in this Ordinance are not exclusive. The General Manager may take any, all, or any combination of these actions against a User not in compliance. The General Manager is specifically empowered to take more than one enforcement action against any non-compliant user.

Section 14.06 Affirmative Defenses to Discharge Violations

- 14.06.01 An upset shall constitute an Affirmative Defense to an action brought for noncompliance with this Ordinance, a Permit to Discharge Industrial Waste, or any other Pretreatment Standard, if the requirements set forth below are met.
- 14.06.02 A User wishing to establish the Affirmative Defense of Upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- A. An upset occurred and the User can identify the cause of the upset;
 - B. The facility was, at the time, being operated in a prudent and workmanlike manner and in compliance with applicable operating and maintenance procedures; and;
 - C. The User has submitted the following information to the General Manager within twenty-four (24) hours of becoming aware of the Upset:
 - (i) Description of the discharge and cause of noncompliance;
 - (ii) The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue; and
 - (iii) Steps being taken and planned to reduce, eliminate, and prevent recurrence of the non-compliant discharge.
- 14.06.03 In any enforcement proceeding, the User seeking to establish the affirmative defense of an upset shall have the burden of proving an upset by the greater weight of the evidence.
- 14.06.04 Users will have an opportunity for an Adjudicatory Hearing in accordance with Section 14.03 of this Ordinance on any claim of upset only in an enforcement action brought for noncompliance with Categorical Pretreatment Standards.
- 14.06.05 Whenever there is a loss of power to a facility, the User shall control production of all discharges to the extent necessary to maintain compliance with Categorical Pretreatment Standards upon reduction, loss, or failure of power at a facility until power is restored to the facility or an alternative method of treatment is provided.
- 14.06.06 Bypass is prohibited and the General Manager may take an enforcement action against the User for bypass, unless:
- A. Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage;
 - B. There were no feasible alternatives to the Bypass, such as the use of auxiliary treatment facilities, auxiliary power sources, retention of untreated Wastes, cessation of operations at the facility, or maintenance during normal periods of equipment downtime. (This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a Bypass which occurred during normal periods of equipment downtime or preventive maintenance); and
 - C. The User submitted notice of the bypass to the General Manager.
 - D. The General Manager may approve an anticipated bypass, after considering its adverse effects, if the General Manager determines that it will meet the conditions listed in (A), (B) and (C) of this Subsection 14.06.06.
- 14.06.07 In an enforcement proceeding, the User seeking to establish the defense of bypass will have the burden of proof.

Section 14.07 Annual Publication of Significant Noncompliance

At least annually, the General Manager, or his designee shall publish in a newspaper of general circulation that provides meaningful public notice within the jurisdiction(s) served by the POTW, a list of those industrial users which were found to be in significant noncompliance, also referred to as reportable noncompliance, in 15A NCAC 2H .0903(b)(10), with applicable pretreatment standards and requirements, during the previous 12 months.

SECTION 15**FEES****Section 15.01 User Charges and Fees**

It is the purpose of this section to provide for the recovery, from users of the MSD Sewerage System, of the cost of regulating and controlling the discharge of sewage and other pollutants into the sewerage system. MSD may adopt charges and fees including:

- 15.01.01 Fees for operating the District Pretreatment Program.
- 15.01.02 Fees for issuing permits under this Ordinance.
- 15.01.03 Fees for monitoring, inspections, and surveillance procedures.
- 15.01.04 Fees for reviewing accidental discharge procedures and construction.
- 15.01.05 Fees for filing appeals.
- 15.01.06 Such other fees as MSD may deem necessary to regulate and control the discharge of sewage and other pollutants to the Sewerage System.

Section 15.02 User Charge and Fee Schedules

MSD has the right, under North Carolina General Statute, 162A-9, to establish rates, fees and charges for the use of its sewerage systems. MSD shall adopt and maintain user fees and charges and modify such charges from time, as it sees fit. Neither the establishment of user fees and charges or payment of user fees and charges shall be subject to review under this Ordinance.

SECTION 16**THE SEWER EXTENSION PERMIT PROGRAM**

PERMITS FOR EXTENSIONS OR MODIFICATIONS OF THE SEWER SYSTEM

Section 16.01 Purpose

Pursuant to N.C. Gen. Stats. 143-215.1, permitting for extensions or modifications to the Sewerage System has been delegated to MSD in its service area. Section 16 of this Ordinance deals only with Permits for Extension or Modification to the Sewerage System. The provisions of this Section 16 regarding hearings are applicable only to actions dealing with permits issued, denied, or revoked pursuant to this section.

Section 16.02 Definitions

Unless the context specifically indicates otherwise, the following terms and phrases, as used in this Section, shall have the meanings hereinafter designated:

- 16.02.01 "MSD Sewer System" shall mean the portion of the facilities owned by the District, which is used to collect and carry wastewater to a Publicly Owned Treatment Plant, but does not include such plant, pumping stations and force mains.
- 16.02.02 "MSD Standards" shall mean those standards set forth in a document entitled "SEWER EXTENSION MANUAL" dated January 19, 2000, and as the same may be amended from time to time, provided, however, any amendment of such standards shall be subject to the approval of NCDENR.
- 16.02.03 "Director" refers to the Director of Engineering, MSD.
- 16.02.04 "Commission" means the North Carolina Environmental Management Commission
- 16.02.05 "DENR" means the North Carolina Department of Environment and Natural Resources.
- 16.02.06 "Documents" means writings, drawings, maps, graphs, charts, photographs, and other data compilations, from which information can be obtained, translated if necessary through detection devices into reasonably usable form. The verb "to include" in all its forms is used without limitation.
- 16.02.07 "District" shall refer to the Metropolitan Sewerage District of Buncombe County, North Carolina.

Section 16.03 Permit for Extension or Modification of the Sewer System

- 16.03.01 No person shall do any of the following things or carry out any of the following activities concerning a sewer facility which is proposed to become a part of the MSD sewer system or modify any existing portion of the MSD sewer system unless such person shall have applied for and received from MSD a permit for such extension or modification and shall have complied with the conditions, if any, prescribed in such permit:
- A. Construct any sewer facility;
 - B. Alter, extend, or change the construction or method of construction of any sewer facility; or
 - C. Enter into a contract for the construction and installation of any sewer facility or for the alteration or extension of such facility.

- 16.03.02 Any person proposing to undertake anything or activity described in Subsection 16.02.01 shall make timely and proper application on such form(s) as may be prescribed by the Director and provide such information as may be required by the Director. MSD shall not undertake anything or activity described in Subsection 16.02.01 unless MSD first complies with the provisions of this section. A copy of all applications for permits and approved permits and plans (including applications and related documents submitted by MSD) shall be provided to the North Carolina Department of Environment and Natural Resources ("DENR")
- 16.03.03 All sewer facilities proposed for inclusion in the MSD sewer system and all proposed modifications to any existing portion of the MSD sewer system shall be designed, constructed, and installed in accordance with applicable provisions of the MSD Standards and in accordance with the Sewer Extension Policy. The plans and specifications for such facilities and modifications shall be prepared by or under the direct supervision of an engineer licensed to practice in the State of North Carolina. No extension to or modification of the Sewer System shall become a part of the Sewerage System unless and until if is accepted by action of the MSD Board. The Director shall maintain a copy of the current MSD Standards for public inspection.
- 16.03.04 No modifications to the MSD standards shall be effective until approved in writing by DENR. Connection to the MSD sewer system by a system that will not be maintained by the District shall not be subject to the provisions of this section; however, the District reserves the right to regulate the wastewater flows from such systems and to prohibit the connection of such system.
- 16.03.05 The denial of an application for a permit subject to the provisions of this section shall be made in writing and shall contain each reason for the denial and a statement of the changes in the applicant's proposed activities or plan, which will be required in order that the applicant may obtain a permit. Nothing in such statement shall preclude or otherwise bar MSD from denying a permit, which incorporates such changes, based upon changed circumstance or information not previously known by MSD.

Section 16.04 Processing of Applications

- 16.04.01 Each application subject to this section shall be accompanied by a fee in the amount that would apply, if the application were being submitted to DENR under such schedule or fees as it may establish. A copy of the current fee schedule for DENR shall be maintained by the Director and made available for inspection upon request. Any application, which is not accompanied by a fee in the proper amount, may be considered incomplete.
- 16.04.02 MSD shall review the fee, plans, specifications and other project data accompanying an application and shall determine if the application and accompanying material are complete and in a form acceptable to MSD. MSD shall acknowledge receipt of a complete application.
- 16.04.03 The Director shall take final action on all applications no later than 90 days following receipt of a complete application. All permits shall be issued in writing. A permit may contain such conditions as the Director determines to be reasonably necessary, considering the factors on which final action on a permit can be based.
- 16.04.04 If the application is not complete, the application shall be returned to the applicant. MSD shall advise the applicant in writing:
- A. How the application can be modified to make it complete and acceptable; and
 - B. That the time for MSD to take final action on an application does not begin until receipt of a complete, corrected application.

- 16.04.05 Any permit issued by MSD pursuant to this section is subject to revocation or modification upon 30 days written notice by the Director in whole or in part for good cause including, but not limited to:
- A. Violation or any term or condition of the permit;
 - B. Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts;
 - C. Refusal of the permittee or its contractors, agents or employees to allow authorized employees or agents of MSD, upon presentation of credentials, to inspect or observe any activity, facility or other work required by the permittee's permit.
- 16.04.06 A notice of revocation or modification issued pursuant to Subsection 16.03.05 shall contain each reason for the revocation or modification.

Section 16.05 Enforcement

- 16.05.01 Any person that violates, fails to comply with, or continues to violate any provision of this Section or a permit issued thereunder may be liable to the MSD for a maximum civil penalty of Twenty-five Thousand Dollars (\$25,000), per violation. Each day during which a violation continues shall be deemed a separate and distinct offense. In determining the amount of the civil penalty, the MSD may take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration of the violation, any economic benefit gained through the person's violation, the person's efforts to correct the violation, the compliance history of the person against whom the violation is assessed, cost of enforcement to the MSD, whether the violation was committed willfully or intentionally, and any other factor which MSD, in its discretion, believes is appropriate.
- 16.05.02 MSD shall provide written notification to any person assessed a civil penalty of the assessment and the reasons therefore.
- 16.05.03 If any person violates the provisions of Section 16.02 or the terms or conditions of any permit issued pursuant thereto, a civil action may be commenced in the General Court of Justice in the name of the District for such legal and equitable relief.
- 16.05.04 The remedies provided herein are not exclusive. MSD may take any one or any combination of the actions listed herein against any person in violation of the provisions of this Section or permit issued hereunder.

Section 16.06 Hearing

- 16.06.01 The following persons are entitled to hearing pursuant to this Section:
- A. Any person whose application for a permit under Section 16.02 is denied or granted subject to conditions, which are unacceptable to such person.
 - B. Any person to whom a permit has been issued and which is revoked or modified pursuant to this Section.
 - C. Any person who is assessed a civil penalty pursuant to Subsection 16.04.01.
- 16.06.02 Any person making a demand for a hearing shall deliver the demand to the Director within the following applicable time limits after receipt of notice of the action to be heard:

- A. 30 days for the denial of a permit required by this Section or for the grant of a permit required by this Section subject to conditions, which are unacceptable to the person applying for the permit;
- B. 30 days for the assessment of a civil penalty; and
- C. 10 days for the modification or revocation of a permit required by this Section.

16.06.03 In the demand for a hearing, in order to consider:

- A. The denial of a permit, the applicant must identify separately each reason for denying the permit, which the applicant contends to be improper, and every basis for such contention.
- B. A permit granted subject to unacceptable conditions, the applicant must identify separately each unacceptable condition and every basis for such contention.
- C. The modification or revocation of a permit, the person to whom such permit was issued must state separately each reason for modifying or revoking the permit which such person contends to be improper and every basis for such contention;
- D. A civil penalty assessment, the person to whom such penalty was assessed must state separately each reason why such penalty should not be assessed or, if the person contends that, the civil penalty was assessed in an improper amount, each reason why the amount of the penalty is improper.

16.06.04 The hearing shall be conducted by the General Manager or his designee. If the demand for a hearing is not made in accordance with the provisions of this section, the General Manager may reject the demand and any right to a hearing shall be terminated. If any person demanding a hearing may fail to comply with an order of the General Manager or with any rules issued by the General Manager or approved by the District Board concerning the conduct of the hearing, the General Manager may reject the demand and any right to a hearing shall be terminated. Within 90 days of the receipt of the written demand for a hearing, the General Manager shall conduct a hearing and issue a final order or decision; provided that, a hearing to consider the modification or revocation of a permit shall be held and a final order or decision issued within ten (10) days of the receipt of the written demand for a hearing. The General Manager shall transmit a copy of the final order or decision to the person demanding the hearing by registered or certified mail. No further review of the General Manager's final order or decision will be allowed, except as set forth in Subsection 16.05.10.

16.06.05 The General Manager or his designee shall conduct the hearing. The General Manager may ask the appellant and MSD staff to provide a written summary of their positions, and the General Manager may decide the appeal based on a review of the written material, provided however, any decision of the General Manager shall contain findings of facts. The General Manager may allow the appellant and MSD staff to present sworn testimony and offer documentary and other tangible evidence at the hearing. The appellant and MSD may be represented by counsel and may present witnesses for their respective positions. The General Manager shall have the right to ask questions of witnesses and to limit testimony to those matters relevant to the determination. Witnesses may be subject to cross examination, but the General Manager shall have the right to limit the scope of such cross examination to matters relevant to the inquiry. Each assessment of a civil penalty which has been included in a demand for a hearing in accordance with the provisions of this section is stayed and shall not take effect until the earliest occurrence of any one of the following circumstances: the assessment of the civil penalty is approved or is modified at a hearing conducted pursuant to this section; or the person who is assessed the civil penalty and the General Manager agree on the assessment. If the assessment of a civil penalty against any person is approved or modified by the General Manager at a hearing conducted pursuant to this section, the General Manager may require the payment of said penalty within the (10) days or such additional time as the General Manager may specify.

- 16.06.06 The General Manager may appoint a hearing officer to conduct any hearing authorized by this section. A hearing officer shall have the same authority to conduct a hearing and reach a decision as is provided to the General Manager; provided that, the decision of the hearing officer shall not be final but shall be a recommended decision for consideration by the General Manager. The General Manager may approve such decision without change, reject the decision and require a new or continued hearing, or issue a different or revised decision, which is supported by evidence presented at the hearing. The General Manager shall make a recommended decision to the Board. The District Board shall consider the matter no later than its second regularly scheduled meeting following the date the appeal was filed. The District Board shall transmit a written copy of its Final Order by certified and regular mail to the User and to the General Manager.
- 16.06.07 The General Manager may provide for any part of the hearing to be recorded by any reasonable means, including but not limited to, audio and/or video recording, stenographer, or court reporter. A transcript of any hearing, or part thereof, which is recorded need not be prepared unless requested. The original of a requested transcript shall be filed with the General Manager. Each person shall bear the cost of the transcript, which said person requests, including any copy thereof.
- 16.06.08 Any person against whom a final order or decision of the General Manager is made pursuant to a hearing conducted under this section, may seek judicial review of the order or decision by filing a written petition within thirty (30) days after receipt of notice of the order or decision, with the Superior Court of Buncombe County. Within thirty (30) days after service of a copy of the petition upon the MSD or such other time as may be ordered by the court, the MSD shall prepare and transmit to the court the original or a certified copy of the official record of the hearing as hereinafter set forth. The official record of the hearing shall consist of:
- A. All notices, motions and other similar documents;
 - B. All documentary and tangible evidence tendered at the hearing; and
 - C. The final order or decision. A transcript of each part of the hearing that was recorded shall be included in the official record as an exhibit, if available at the time the remaining portion of the official record is transmitted to the Court. If the transcript is not available at that time, it shall be transmitted to the Court as soon as reasonably possible after the transcript has been prepared. If testimony is taken and not recorded, a narrative summary of any testimony taken shall be prepared and transmitted to the court as an exhibit to the official record.
- 16.06.09 The General Manager may consider petitions for remission of civil penalties assessed pursuant to this section. A petition for remission shall be in writing and shall be signed by the person against whom the civil penalty was assessed. The petition shall include: a waiver of any and all rights of the petitioner to a hearing and judicial review of the assessment; and a stipulation that the facts are correct as set forth in the documents assessing the civil penalty. The decision of the General Manager on the petition shall be final and shall not be subject to further administrative or judicial review. In determining whether a petition for remission will be approved, the General Manager shall consider the following factors:
- A. whether one or more of the factors concerning the assessment of a civil penalty in Subsection 16.04.01 were wrongly applied to the detriment of the petitioner;
 - B. whether the petitioner promptly abated continuing environmental damage resulting from the violation giving rise to the assessment;
 - C. whether the violation giving rise to the assessment was inadvertent or the result of an accident;
 - D. whether the petitioner has been assessed civil penalties for any prior violations pursuant to this section or by any State or Federal authority enforcing substantially similar provisions;

- E. Whether payment of the civil penalty by the petitioner will prevent payment for any remaining, necessary remedial action.

- 16.06.10 After submitting a petition for remission, the petitioner shall provide such additional information and records as may be reasonably necessary or convenient to the General Manager's consideration of the petition. The General Manager may remit the entire amount of a civil penalty only when the petitioner has not been assessed civil penalties for any prior violation of this section or by State or Federal authority, enforcing substantially similar provisions and the payment of the civil penalty will prevent payment of any remaining, necessary remedial action.

Section 16.07 Permits Not Transferable

Permits issued pursuant to this section are issued to a specific applicant. A permittee may not assign, transfer, or sell a permit, or any right or obligation in a permit, to another person.

SECTION 17**SPECIAL ARRANGEMENTS****Section 17.01 Special Arrangements**

Nothing contained in this Ordinance shall be construed as preventing the execution of a contract, special agreement, or arrangement between the District Board and any User whereby wastewater of unusual strength, character or quantity may be admitted into the sewerage system upon such terms and conditions, as the District Board deems appropriate.

SECTION 18**SEVERABILITY****Section 18.01 Severability**

If any section, clause, provision or portion of this Ordinance shall be held to be invalid or unconstitutional by any court of competent jurisdiction, such holding shall not affect any other section, clause, provision, or portion of this Ordinance.

SECTION 19**CONFLICT****Section 19.01 Conflict with Other Ordinances and Regulations**

All other ordinances and regulations and parts of other ordinances and regulations inconsistent or conflicting with any part of this Ordinance are hereby repealed to the extent of such inconsistency or conflict. This Ordinance shall not affect any litigation or other proceedings pending at the time of its adoption.

Section 19.02 Conflict with Federal, State, or Local Law

Nothing in this Ordinance is intended to affect any requirements including standards or prohibitions established by Federal, State or local law so long as Federal, State, or local requirements are not less stringent than the requirements set forth in this Ordinance.

SECTION 20

AMENDMENTS

Section 20.01 Amendments

The District reserves the right to amend the Ordinance.

SECTION 21

ADOPTION AND EFFECTIVE DATE

Section 21.01 Declaration of Intent to Adopt

Declaration of Intent to adopt this Sewer Use Ordinance was introduced to the District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina and passed on April 15, 2009.

Section 21.02 Consideration of Comments and Suggestions

Comments and suggestions from governing bodies within the District with respect to this Ordinance were considered by the District Board of the Metropolitan Sewerage District of Buncombe County, North Carolina on _____.

Section 21.03 Adoption and Effective Date

21.03.01 Sewer Use Ordinance adopted on _____.

21.03.02 Effective Date: _____.

This Ordinance shall take effect on _____ provided that prior to said date this Ordinance shall have been approved by the North Carolina Environmental Management.

Approved as to form:

Steven T. Aceto, Chairman
Board of the Metropolitan Sewerage District
of Buncombe County, North Carolina

Attest: _____
Thomas E. Hartye, P.E.
General Manager

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Thomas Hartye, P.E., General Manager

PREPARED BY: Kevin Johnson, David Monteith

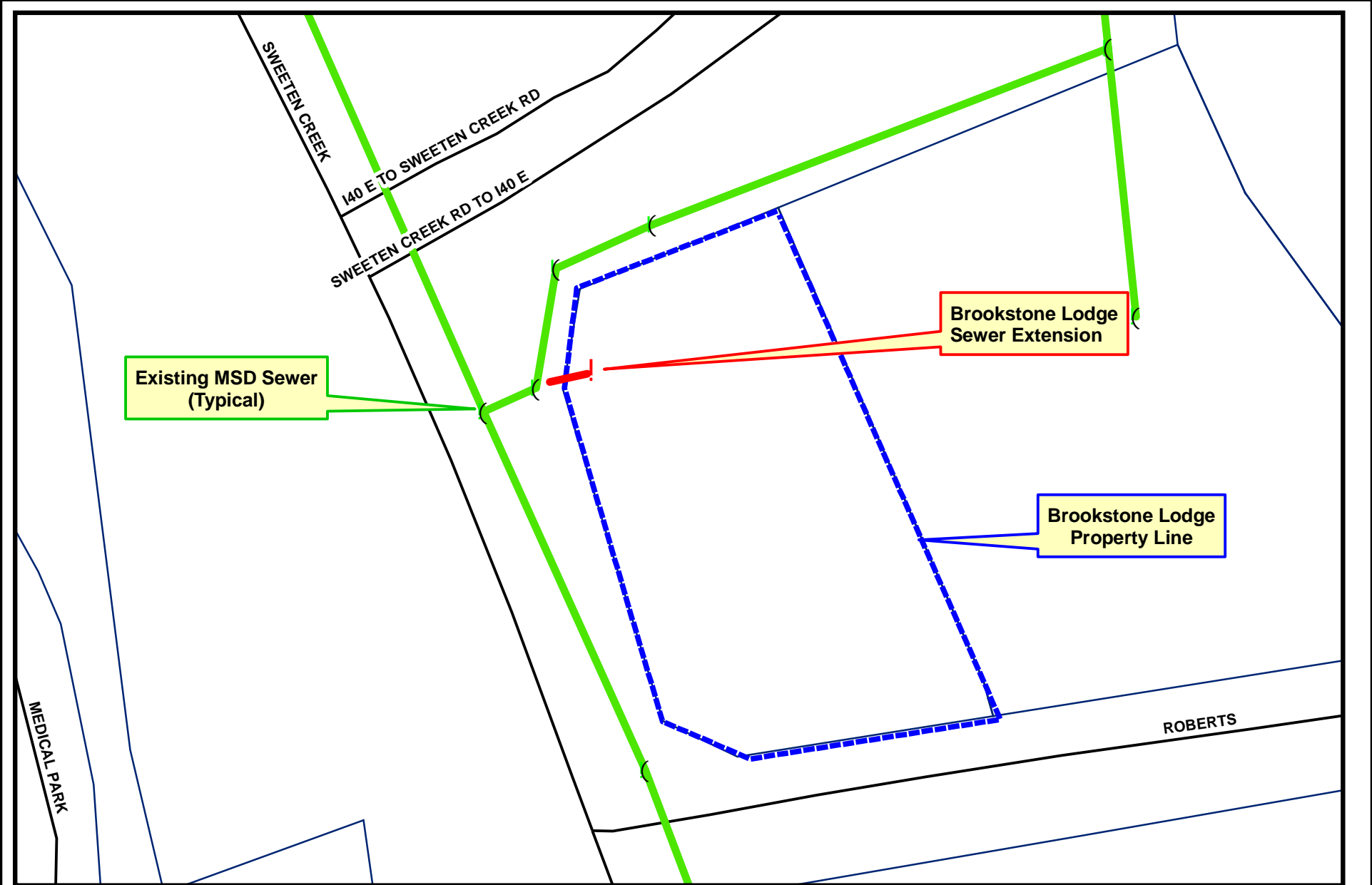
REVIEWED BY: Stan Boyd, PE, Engineering Director

SUBJECT: Acceptance of Developer Constructed Sewer System
Brookstone Lodge

BACKGROUND: This project is located inside the District boundary off Sweeten Creek Road in Asheville, North Carolina. The developer of the project is Mr. David R. Day. The project included the installation of approximately 18 linear feet of 8" gravity sewer extension to serve a (71) room commercial development. A wastewater allocation was issued in the amount of 10,520 GPD for the project. The estimated cost of the sewer extension is \$ 15,000.00.

STAFF RECOMMENDATION: Acceptance of developer constructed sewer system.
(All MSD requirements have been met)

COMMITTEE ACTION TAKEN	
Motion by :	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	
BOARD ACTION TAKEN	
Motion by	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	



Project #2007284

Not To Scale



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

**Brookstone Lodge
Sewer Extension**

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Thomas Hartye, P.E., General Manager

PREPARED BY: Kevin Johnson, David Monteith

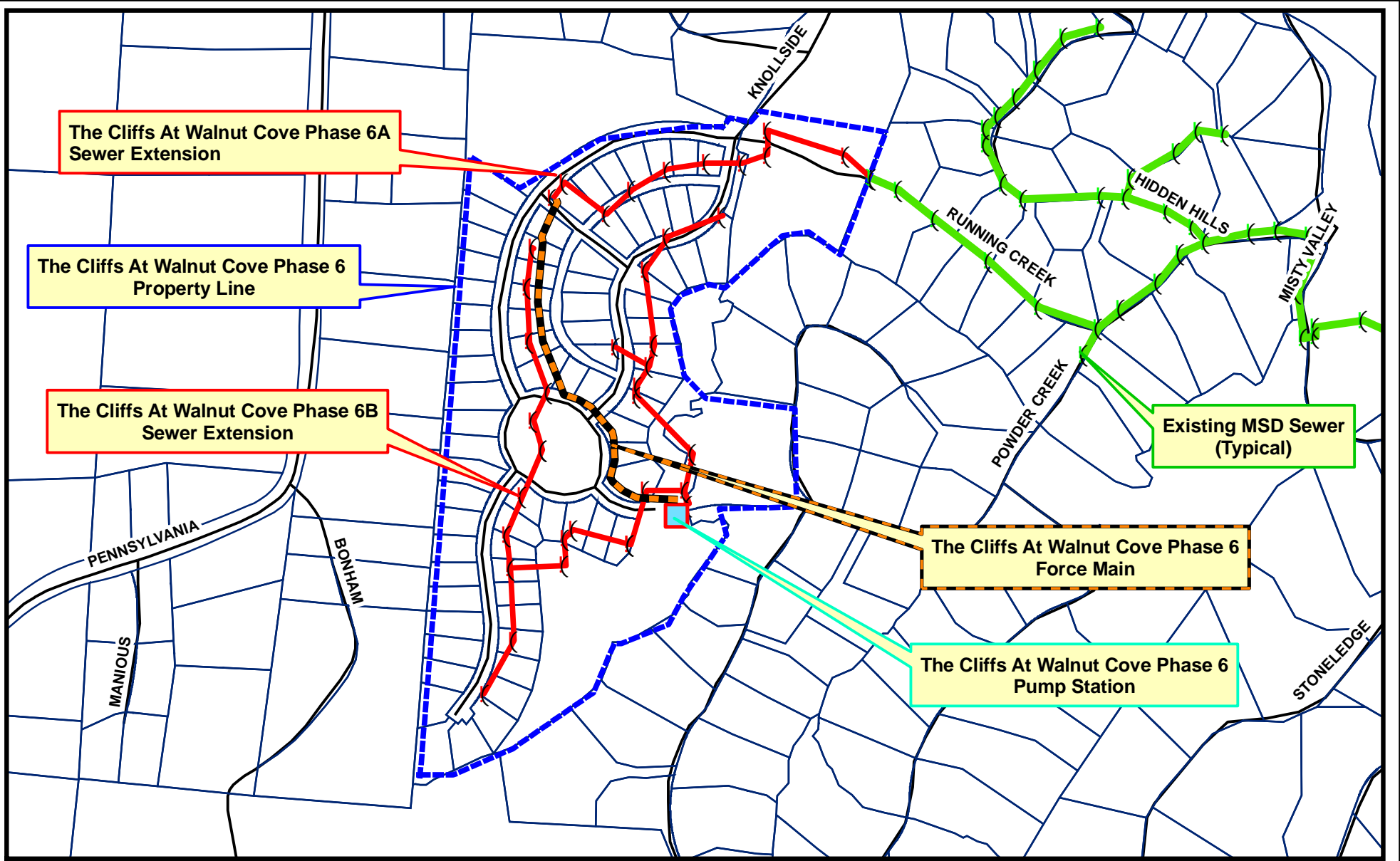
REVIEWED BY: Stan Boyd, PE, Engineering Director

SUBJECT: Acceptance of Developer Constructed Sewer System
The Cliffs At Walnut Cove Phase 6A, 6B, and 6PS

BACKGROUND: This project is located outside the District boundary off Running Creek Trail in Buncombe County, North Carolina. The developer of the project is Mr. Lucas T. Anthony (The Cliffs Communities). The project included the installation of approximately 4,327 linear feet of 8" gravity sewer extension and approximately 1,000 linear feet of 4" force main with pump station to serve a (301) unit residential development. A wastewater allocation was issued in the amount of 35,000 GPD for the project. The total estimated cost of the sewer extension is \$206,045.46. The pump station maintenance fee has been paid.

STAFF RECOMMENDATION: Acceptance of developer constructed sewer system.
(All MSD requirements have been met)

COMMITTEE ACTION TAKEN	
Motion by :	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	
BOARD ACTION TAKEN	
Motion by	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	



The Cliffs At Walnut Cove Phase 6A Sewer Extension

The Cliffs At Walnut Cove Phase 6 Property Line

The Cliffs At Walnut Cove Phase 6B Sewer Extension

The Cliffs At Walnut Cove Phase 6 Force Main

The Cliffs At Walnut Cove Phase 6 Pump Station

Existing MSD Sewer (Typical)

Project # 2006159,2006134,2007063

Not To Scale



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

The Cliffs At Walnut Cove Phase 6
Sewer Extension

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Thomas Hartye, P.E., General Manager

PREPARED BY: Kevin Johnson, David Monteith

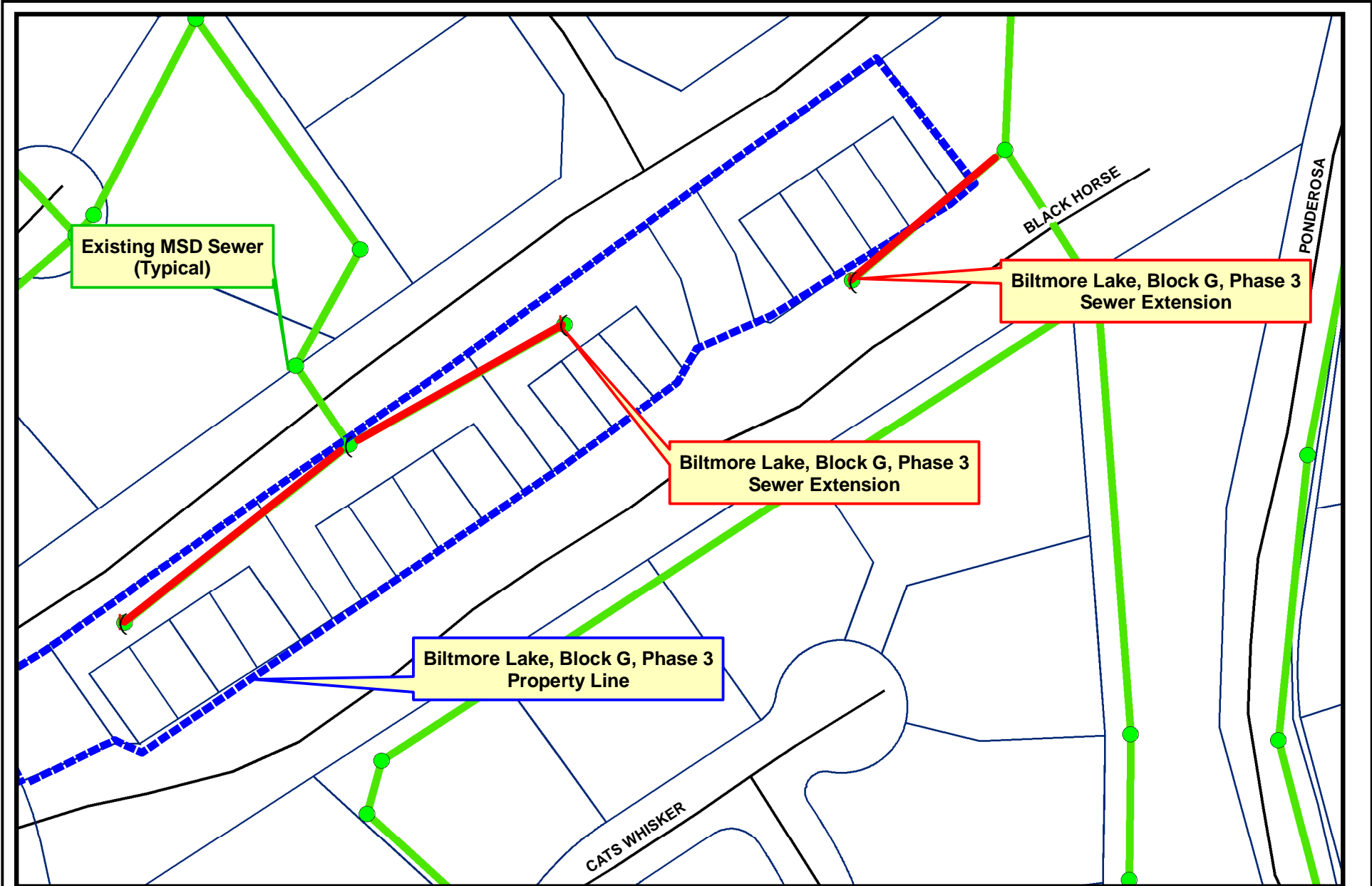
REVIEWED BY: Stan Boyd, PE, Engineering Director

SUBJECT: Acceptance of Developer Constructed Sewer System
Biltmore Lake Block G – Phase 3

BACKGROUND: This project is located inside the District boundary off Lake Drive in Buncombe County, North Carolina. The developer of the project is Biltmore Lake, LLC. The project included the installation of approximately 551 linear feet of 8" gravity sewer extension to serve a (15) home residential development. A wastewater allocation was issued in the amount of 4,500 GPD for the project. The estimated cost of the sewer extension is \$ 38,200.00.

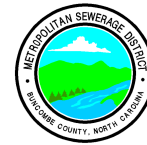
STAFF RECOMMENDATION: Acceptance of developer constructed sewer system.
(All MSD requirements have been met)

COMMITTEE ACTION TAKEN	
Motion by :	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	
BOARD ACTION TAKEN	
Motion by	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	



Project #2007045

Not To Scale



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

**Biltmore Lake, Block G, Phase 3
Sewer Extension**

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Thomas Hartye, P.E., General Manager

PREPARED BY: Kevin Johnson, David Monteith

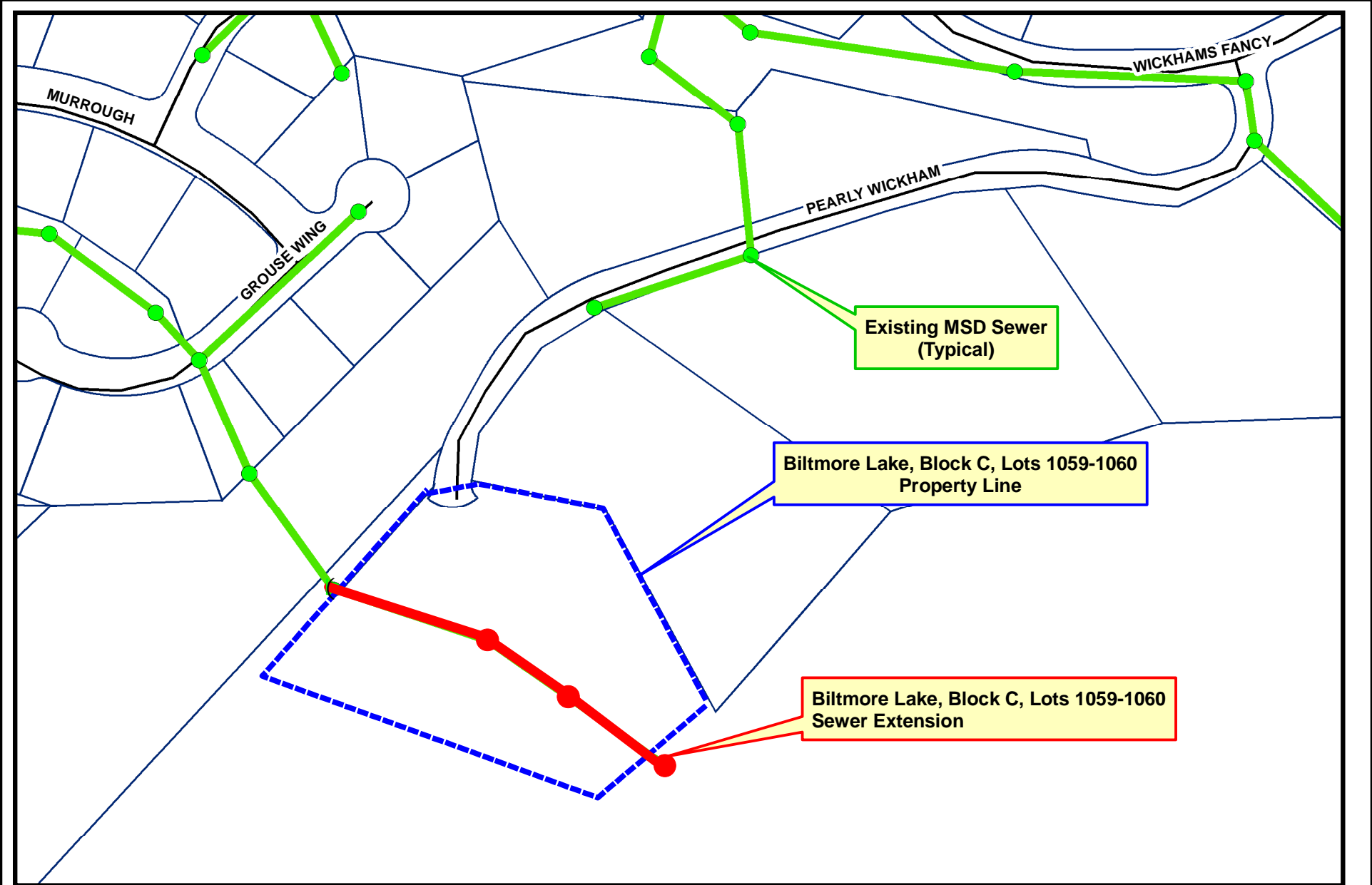
REVIEWED BY: Stan Boyd, PE, Engineering Director

SUBJECT: Acceptance of Developer Constructed Sewer System
Biltmore Lake Block C – Lots 1059 & 1060

BACKGROUND: This project is located inside the District boundary off Grouse Wing Court in Buncombe County, North Carolina. The developer of the project is Mr. Tom Williamson (Biltmore Lake, LLC). The project included the installation of approximately 712 linear feet of 8” gravity sewer extension to serve a (2) home residential development. A wastewater allocation was issued in the amount of 800 GPD for the project. The estimated cost of the sewer extension is \$ 55,000.00.

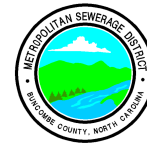
STAFF RECOMMENDATION: Acceptance of developer constructed sewer system.
(All MSD requirements have been met)

COMMITTEE ACTION TAKEN	
Motion by :	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	
BOARD ACTION TAKEN	
Motion by	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	



Project #2007163

Not To Scale



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

**Biltmore Lake, Block C, Lots 1059-1060
Sewer Extension**

Metropolitan Sewerage District of Buncombe County

Board Action Item

BOARD MEETING DATE: April 15, 2009

SUBMITTED BY: Thomas Hartye, P.E., General Manager

PREPARED BY: Kevin Johnson, David Monteith

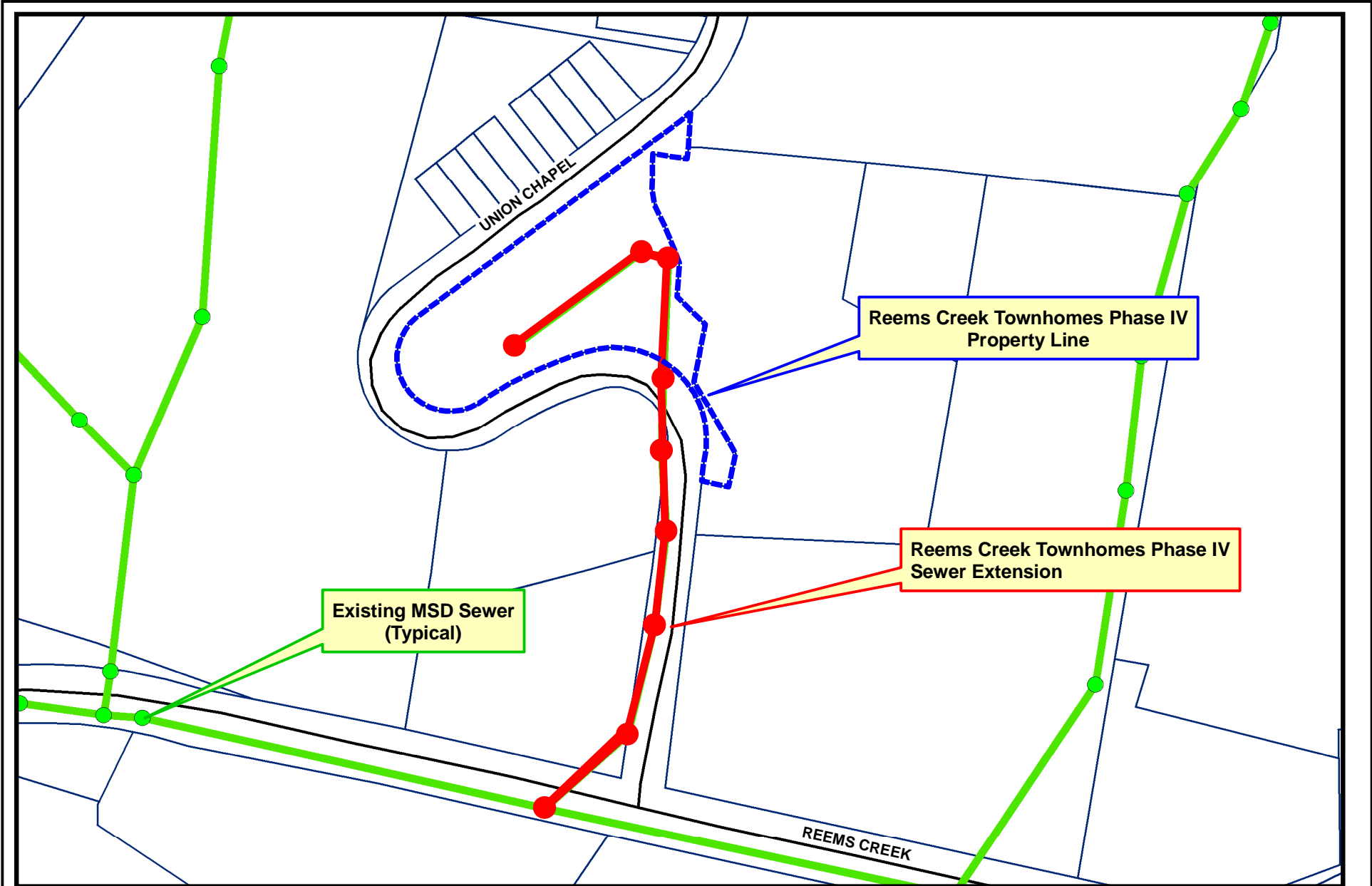
REVIEWED BY: Stan Boyd, PE, Engineering Director

SUBJECT: Acceptance of Developer Constructed Sewer System
Reems Creek Townhomes Phase IV

BACKGROUND: This project is located inside the District boundary off Reems Creek Road in Buncombe County, North Carolina. The developer of the project is Mr. Doug Hill (BLT Enterprises, LLC). The project included the installation of approximately 796 linear feet of 8" gravity sewer extension to serve a (8) unit residential development. A wastewater allocation was issued in the amount of 2400 GPD for the project. The estimated cost of the sewer extension is \$ 70,000.00.

STAFF RECOMMENDATION: Acceptance of developer constructed sewer system.
(All MSD requirements have been met)

COMMITTEE ACTION TAKEN	
Motion by :	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	
BOARD ACTION TAKEN	
Motion by	To: <input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
Second by:	<input type="checkbox"/> Table <input type="checkbox"/> Send back to staff
<input type="checkbox"/> Other:	



Reems Creek Townhomes Phase IV
Property Line

Reems Creek Townhomes Phase IV
Sewer Extension

Existing MSD Sewer
(Typical)

Project #2007279

Not To Scale



METROPOLITAN SEWERAGE DISTRICT
of
BUNCOMBE COUNTY, NORTH CAROLINA

Reems Creek Townhomes Phase IV
Sewer Extension

Metropolitan Sewerage District of Buncombe County**BOARD ACTION ITEM**

Meeting Date: April 15, 2009

Submitted By: Thomas E. Hartye – General Manager

Subject: American Recovery and Reinvestment Act of 2009
MSD Resolution(s) for Project Funding

Background: Attached are three separate resolutions for the three projects submitted for state loan or grant assistance under the American Recovery and Reinvestment Act of 2009. The primary purpose of the three resolutions is to ensure that MSD has funding available and is committed to seeing the projects through.

These three projects are currently included within the District's Capital Improvement Plan (CIP) for a total of \$4,572,600 over the next 2 years and will be included by reimbursement resolution into the next bond issue.

The projects are as follows:

1. Middle Beaverdam Creek Interceptor Phase I
(MSD Project # 2002057)
2. Lake Julian Sewer Rehabilitation
Glenn Bridge Rd. PRP 47006 and Long Shoals Rd. PRP 48002
(MSD Project #'s 2003051 and 2004028 respectively)
3. Dingle Creek Interceptor
(MSD Project # 2006010)

Fiscal Impact: MSD could receive a low or zero interest loan for one or more of the projects as well as be eligible for some "principal forgiveness" on those projects as well. This would reduce expenditures out of the CIP accordingly.

Staff

Recommendation: Adopt the attached resolutions.

STATE OF NORTH CAROLINA

RESOLUTION

COUNTY OF BUNCOMBE

WHEREAS, the Federal Clean Water Act Amendments of 1987 and the North Carolina Water Infrastructure Act of 2005 (NCGS 159G) have authorized the making of loans and grants to aid eligible units of government in financing the cost of construction of wastewater collection system, and

WHEREAS, The Metropolitan Sewerage District of Buncombe County (“MSD”) intends to construct a wastewater collection system project called Middle Beaverdam Creek Interceptor Phase I, MSD Project Number 2002057 (the “Project”), and

WHEREAS, MSD intends to request state loan or grant assistance for the Project, as authorized by the American Recovery and Reinvestment Act of 2009.

NOW THEREFORE, BE IT RESOLVED, BY THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY:

THAT MSD will arrange financing for all remaining costs of the Project, if approved for a State loan or grant award.

THAT MSD has in effect a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the Project and the repayment of all principal and interest on the debt, if any.

THAT the District Board of MSD agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the MSD to make scheduled repayment of the loan, to withhold from the MSD any State funds that would otherwise be distributed to MSD in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

THAT MSD will provide for efficient operation and maintenance of the Project on completion of construction thereof.

THAT Thomas E. Hartye, P.E., General Manager of MSD, is hereby authorized to execute and file an application on behalf of MSD with the State of North Carolina for a loan or grant to aid in the construction of the Projects described above.

THAT Thomas E. Hartye, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the Projects; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

THAT MSD has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the Projects and to Federal and State grants and loans pertaining thereto.

Adopted this the _____ day of _____, 2009, at _____, North Carolina.

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**

By: _____
Steven T. Aceto, Chairman

Attest:

Jackie Bryson, Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA

RESOLUTION

COUNTY OF BUNCOMBE

WHEREAS, the Federal Clean Water Act Amendments of 1987 and the North Carolina Water Infrastructure Act of 2005 (NCGS 159G) have authorized the making of loans and grants to aid eligible units of government in financing the cost of construction of wastewater collection system, and

WHEREAS, The Metropolitan Sewerage District of Buncombe County (“MSD”) intends to construct a wastewater collection system project called Lake Julian Sewer Rehabilitation, Glen Bridge Road PRP 47006 and Long Shoals Road PRP 48002, MSD Project Numbers 2003051 and 2004028, respectively (the “Project”), and

WHEREAS, MSD intends to request state loan or grant assistance for the Project, as authorized by the American Recovery and Reinvestment Act of 2009.

NOW THEREFORE, BE IT RESOLVED, BY THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY:

THAT MSD will arrange financing for all remaining costs of the Project, if approved for a State loan or grant award.

THAT MSD has in effect a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the Project and the repayment of all principal and interest on the debt, if any.

THAT the District Board of MSD agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the MSD to make scheduled repayment of the loan, to withhold from the MSD any State funds that would otherwise be distributed to MSD in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

THAT MSD will provide for efficient operation and maintenance of the Project on completion of construction thereof.

THAT Thomas E. Hartye, P.E., General Manager of MSD, is hereby authorized to execute and file an application on behalf of MSD with the State of North Carolina for a loan or grant to aid in the construction of the Projects described above.

THAT Thomas E. Hartye, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the Projects; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

THAT MSD has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the Projects and to Federal and State grants and loans pertaining thereto.

Adopted this the _____ day of _____, 2009, at _____, North Carolina.

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**

By: _____
Steven T. Aceto, Chairman

Attest:

Jackie Bryson, Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA

RESOLUTION

COUNTY OF BUNCOMBE

WHEREAS, the Federal Clean Water Act Amendments of 1987 and the North Carolina Water Infrastructure Act of 2005 (NCGS 159G) have authorized the making of loans and grants to aid eligible units of government in financing the cost of construction of wastewater collection system, and

WHEREAS, The Metropolitan Sewerage District of Buncombe County (“MSD”) intends to construct a wastewater collection system project called Dingle Creek Interceptor, MSD Project Number 2006010 (the “Project”), and

WHEREAS, MSD intends to request state loan or grant assistance for the Project, as authorized by the American Recovery and Reinvestment Act of 2009.

NOW THEREFORE, BE IT RESOLVED, BY THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY:

THAT MSD will arrange financing for all remaining costs of the Project, if approved for a State loan or grant award.

THAT MSD has in effect a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the Project and the repayment of all principal and interest on the debt, if any.

THAT the District Board of MSD agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the MSD to make scheduled repayment of the loan, to withhold from the MSD any State funds that would otherwise be distributed to MSD in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

THAT MSD will provide for efficient operation and maintenance of the Project on completion of construction thereof.

THAT Thomas E. Hartye, P.E., General Manager of MSD, is hereby authorized to execute and file an application on behalf of MSD with the State of North Carolina for a loan or grant to aid in the construction of the Projects described above.

THAT Thomas E. Hartye, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the Projects; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

THAT MSD has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the Projects and to Federal and State grants and loans pertaining thereto.

Adopted this the _____ day of _____, 2009, at _____, North Carolina.

**METROPOLITAN SEWERAGE DISTRICT
OF BUNCOMBE COUNTY, NORTH CAROLINA**

By: _____
Steven T. Aceto, Chairman

Attest:

Jackie Bryson, Secretary

(Corporate Seal)

Metropolitan Sewerage District of Buncombe County

BOARD ACTION ITEM

Meeting Date: April 15, 2009
Submitted By: Thomas E. Hartye, PE., General Manager
Prepared By: W. Scott Powell, Director of Finance
Subject: Reimbursement Resolution for Bond Projects

Background

To be in compliance with IRS regulations concerning tax-exempt financing, all expenditures made with non-MSD bonds funds and to be reimbursed from MSD bond funds must be properly identified and authorized. The proposed reimbursement resolution identifies a major project intended to be solely or substantially financed by bonds anticipated to be issued in fiscal year 09-10. Board approval is required to obtain the tax-exemption of interest paid on MSD bonds by authorizing reimbursement from bond proceeds of the expenditures for this project.

However, this resolution does not take the place of an annual budget or capital projects ordinance as mandated by North Carolina General Statutes required to authorize any expenditures irrespective of source of the funds. The project has been or will be included in the District's annual budget process.

In addition to this current reimbursement resolution, additional resolutions may be submitted for other projects when their anticipated costs may be more accurately projected.

Discussion

Between \$20 and \$24 million of bonds are planned to be issued in FY 09-10, and these reimbursement resolutions are intended to preserve for the District the ability to issue the bonds as tax-exempt bonds and to reimburse itself from their proceeds for the temporary cash outlay made for the projects identified in the reimbursement resolutions.

Engineering Staff have identified several upcoming projects detailed on the attached exhibit, which could be reimbursed from the upcoming revenue bonds. Estimated reimbursable expenditures for these projects total \$437,620.

Fiscal Impact:

Allows for reimbursement of project expenses with bond proceeds. This reimbursement resolution does not obligate the District to use bond proceeds for these projects, nor does it create an obligation for expenditure of the funds for the identified projects. Authorization for these project expenditures is provided by the annual budget ordinance or capital projects ordinance.

Staff Recommendation

Approval.

Action Taken

Motion by:	to	Approve	Disapprove
Second by:		Table	Send to Committee
Other:			
Follow-up required:			
Person responsible:			Deadline:

REIMBURSEMENT RESOLUTION

RESOLUTION OF THE DISTRICT BOARD OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY, NORTH CAROLINA DECLARING ITS INTENTION TO REIMBURSE ITSELF FROM THE PROCEEDS OF ONE OR MORE TAX-EXEMPT FINANCINGS FOR CERTAIN EXPENDITURES MADE AND/OR TO BE MADE IN CONNECTION WITH THE ACQUISITION, CONSTRUCTION AND/OR EQUIPPING OF CERTAIN CAPITAL IMPROVEMENTS

WHEREAS, the Metropolitan Sewerage District of Buncombe County, North Carolina (the "Issuer") is a body politic and corporate organized and existing under the laws of the State of North Carolina; and

WHEREAS, the Issuer has paid, beginning March 1, 2009, and will pay, on and after the date hereof, certain expenditures (the "Expenditures") in connection with the acquisition, design and construction of the projects on the attached Exhibit (the "Projects"); and

WHEREAS, the District Board of the Issuer (the "Board") has determined that those monies previously advanced no more than 60 days prior to the date hereof and to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Issuer for the Expenditures from the proceeds of one or more issues of tax-exempt bonds (the "Bonds");

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD AS FOLLOWS:

Section 1. The Board hereby declares the Issuer's intent to reimburse the Issuer with the proceeds of the Bonds for the Expenditures with respect to the Project made on and after March 1st, 2009 which date is no more than 60 days prior to the date hereof. The Issuer reasonably expects on the date hereof that it will reimburse the Expenditures with the proceeds of the Bonds.

Section 2. Each Expenditure was and will be either (a) of a type properly chargeable to capital account under general federal income tax principles (determined in each case as of the date of the Expenditure), (b) a cost of issuance with respect to the Bonds, (c) a nonrecurring item that is not customarily payable from current revenues, or (d) a grant to a party that is not related to or an agent of the Issuer so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of the Issuer.

Section 3. The maximum principal amount of the Bonds expected to be issued for the Projects is \$437,620.

Section 4. The Issuer will make a reimbursement allocation, which is a written allocation by the Issuer that evidences the Issuer's use of proceeds of the Bonds to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Projects are placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. The Issuer recognizes that exceptions are available for certain "preliminary expenditures," costs of issuance, certain de minimis amounts, expenditures by "small issuers" (based on the year of issuance and not the year of expenditure) and expenditures for construction projects of at least five years.

Section 5. This resolution shall take effect immediately upon its passage.

PASSED AND ADOPTED this 15th day of April, 2009

Steven Aceto
Chairman of the Board

Attested to:

Jackie Bryson, Secretary/Treasurer

Metropolitan Sewerage District of Buncombe County
Attachment to Reimbursement Resolution
April 15, 2009

Project	Estimated Expenditures on and after March 1, 2009
Dorchester Avenue	\$ 109,079
Weaverville @ Hillcrest	40,973
Grindstaff Road	40,971
Merchant Street	130,767
Beech Glenn	115,830
	<hr/>
	\$ 437,620
	<hr/> <hr/>

Note: Amounts rounded to nearest thousand

Metropolitan Sewerage District of Buncombe County

BOARD INFORMATIONAL ITEM

Meeting Date: April 15, 2009
Submitted By: Thomas E. Hartye, PE., General Manager
Prepared By: W. Scott Powell, Director of Finance
Subject: Cash Commitment/Investment Report-Month Ended February 28, 2009

Background

Each month staff presents to the Board an investment report for all monies in bank accounts and specific investment instruments. The total investments as of February 28, 2009 were \$37,024,191. The detailed listing of accounts is available upon request. The average rate of return for all investments is 3.118%. These investments comply with North Carolina General Statutes, Board written investment policies and the District's Bond Order.

The attached investment report represents cash and cash equivalents as of February 28, 2009 does not reflect contractual commitments or encumbrances against said funds. Shown below are the total investments as of February 28, 2009 reduced by contractual commitments, bond funds, and District reserve funds. The balance available for future capital outlay is \$6,530,860.

Total Cash & Investments as of 02/28/09	37,024,191
Less:	
Budgeted Commitments (Required to pay remaining FY09 budgeted expenditures from unrestricted cash)	
Construction Funds	(11,051,945)
Operations & Maintenance Fund	(5,364,023)
	(16,415,968)
Bond Restricted Funds	
Bond Service (Funds held by trustee):	
Funds in Principal & Interest Accounts	(1,129,902)
Debt Service Reserve	(5,139,173)
Remaining Principal & Interest Due	(4,533,375)
	(10,802,450)
District Reserve Funds	
Fleet Replacement	(1,067,415)
WWTP Replacement	(830,274)
Maintenance Reserve	(803,075)
	(2,700,764)
Self-Funded Employee Medical	(574,149)
Designated for Capital Outlay	6,530,860

Staff Recommendation

None. Information Only.

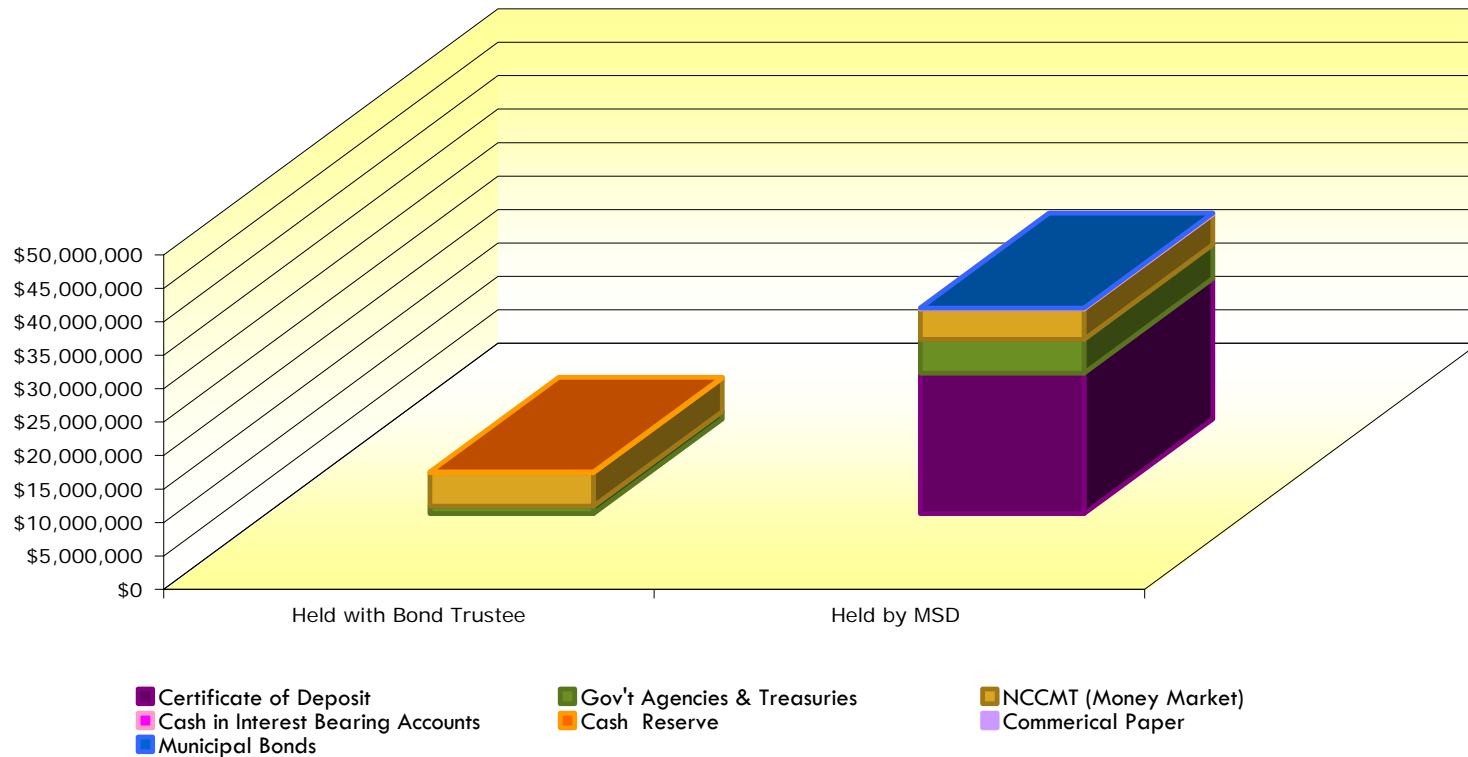
Action Taken

Motion by:	to	Approve Table	Disapprove Send to Committee
Second by:			
Other:			
Follow-up required:			
Person responsible:			Deadline:

Metropolitan Sewerage District of Buncombe County Investment Portfolio

	Cash in Interest Bearing Accounts	NCCMT (Money Market)	Certificate of Deposit	Commercial Paper	Municipal Bonds	Cash Reserve	Gov't Agencies & Treasuries	Total
Held with Bond Trustee	\$ -	\$ 4,992,787				\$ 155,289	\$ 1,121,000	\$ 6,269,076
Held by MSD	155,724	4,529,391	21,000,000	-	-		5,070,000	30,755,115
	\$ 155,724	\$ 9,522,178	\$ 21,000,000	\$ -	\$ -	\$ 155,289	\$ 6,191,000	\$ 37,024,191

MSD of Buncombe County Investment Portfolio by Location As of February 28, 2009



MSD Investment Managers' Report at February 28, 2009

Summary of Asset Transactions

	Original Cost	Market
Beginning Balance	\$ 29,103,608	\$ 29,201,288
Capital Contributed (Withdrawn)	(28,087)	(28,087)
Realized Income	135,864	135,864
Unrealized/Accrued Income	-	(28,430)
Ending Balance	<u>\$ 29,211,385</u>	<u>\$ 29,280,635</u>

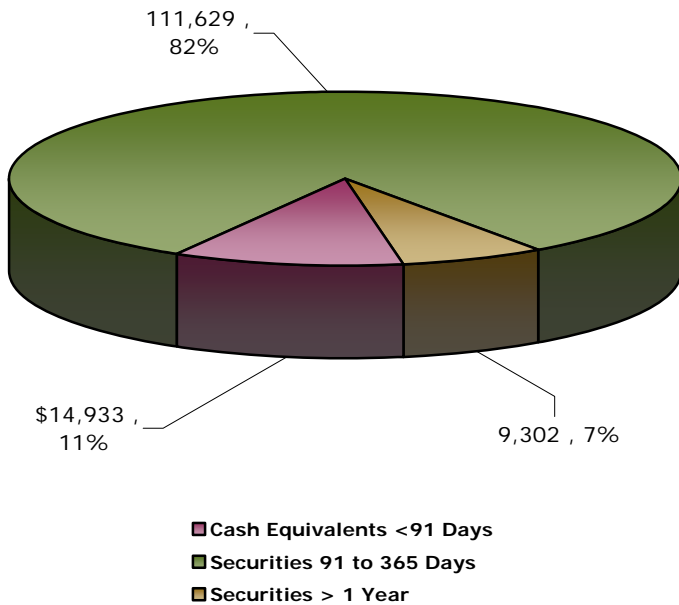
Value and Income by Maturity

	Original Cost	Income
Cash Equivalents <91 Days	\$ 3,210,635	\$ 14,933
Securities 91 to 365 Days	24,000,750	111,629
Securities > 1 Year	2,000,000	9,302
	<u>\$ 29,211,385</u>	<u>\$ 135,864</u>

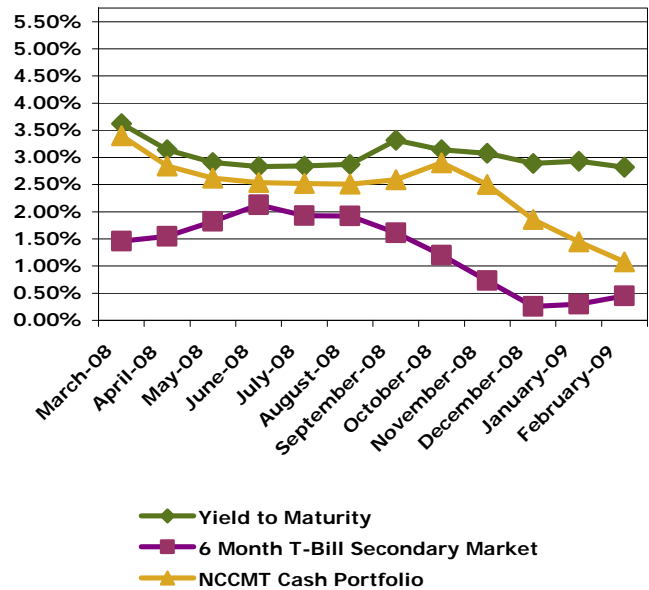
Month End Portfolio Information

Weighted Average Maturity	173
Yield to Maturity	2.82%
6 Month T-Bill Secondary Market	0.45%
NCCMT Cash Portfolio	1.08%

Metropolitan Sewerage District of Buncombe Co.
Investment Portfolio Income by Maturity
February 28, 2009

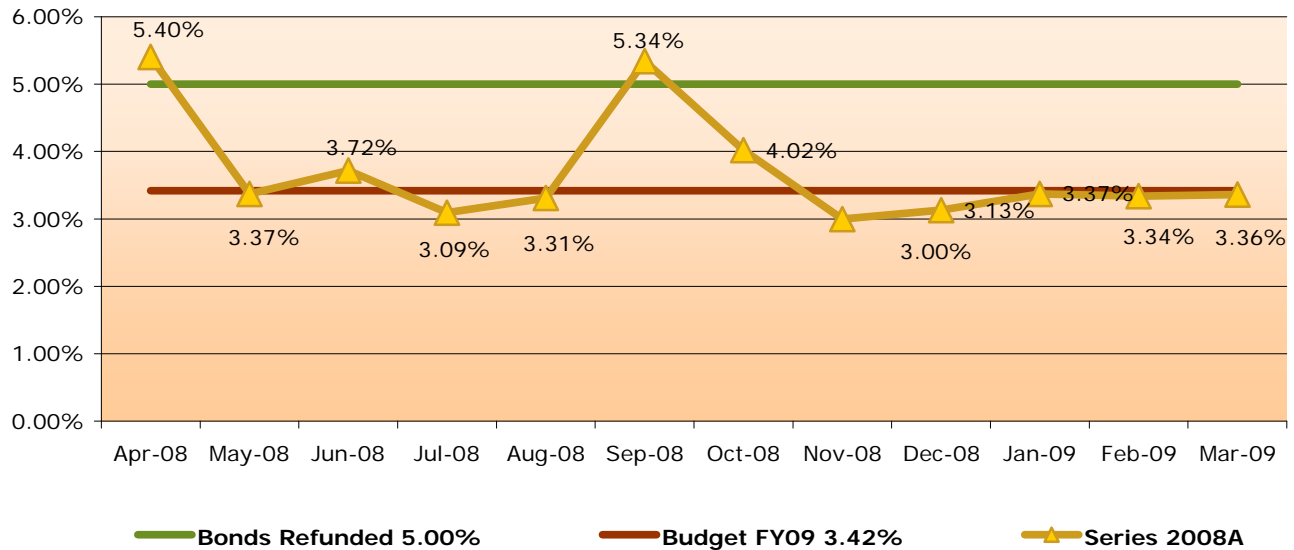


Metropolitan Sewerage District of Buncombe County
Yield Comparison
February 28, 2009



MSD Variable Debt Service Report As of March 31, 2009

Series 2008A Synthetic Fixed Rate Bonds Performance History



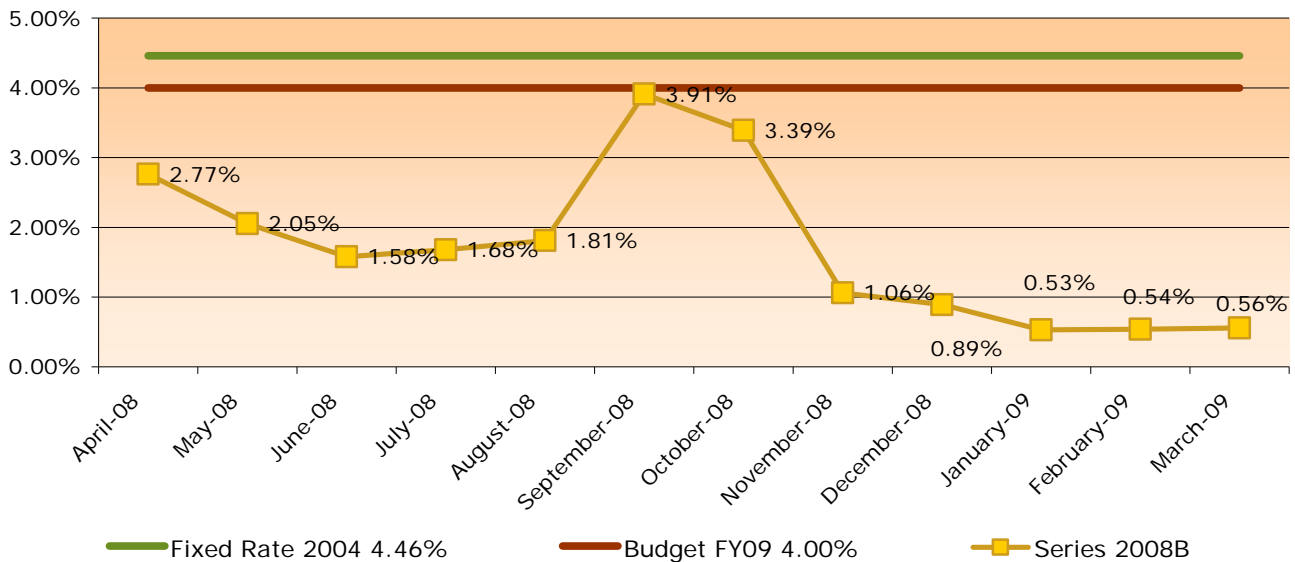
Series 2008A:

Savings to date on the Series 2008A Synthetic Fixed Rate Bonds is \$429,349 as compared to 4/1 fixed rate of 4.83%.

Assuming that the rate on the Series 2008A Bonds continue at the current all-in rate of 3.7175%. MSD will achieve cash savings of \$5,923,374 over the life of the bonds.

MSD would pay \$4,800,000 to terminate the existing Bank of America Swap Agreement.

2008B Variable Rate Bond Performance History



Series 2008B:

Saving to date on the 2008B Variable Rate Bonds is \$536,443 as compared to 5/1 fixed rate of 4.24%. Since May 1, 2008, the Series 2008B Bonds average variable rate has been 1.70%.

MSD will achieve \$6,556,600 in cash savings over the life of the bonds at the current average variable rate.

STATUS REPORTS

CAPITAL IMPROVEMENT PROGRAM

STATUS REPORT SUMMARY

Current as of April 7, 2009

PROJECT	AWARD DATE	NOTICE TO PROCEED	*COMPLETION DATE	*CONTRACT AMOUNT	*COMPLETION STATUS (WORK)	COMMENTS
BEECH GLEN DRIVE FOUR INCH MAIN	3/26/2009	4/20/2009	7/18/2009	\$115,830.00	N/A	Informal Contract was awarded to Terry Brothers Construction Company, the apparent low bidder.
DORCHESTER AVENUE FOUR INCH MAIN	3/26/2009	5/4/2009	8/1/2009	\$109,079.00	0%	Informal Contract was awarded to Terry Brothers Construction Company.
GRINDSTAFF ROAD (PRP 11008)	3/26/2009	5/4/2009	8/1/2009	\$40,971.00	0%	Informal Contract was awarded to Terry Brothers Construction Company.
HAYWOOD STREET @ INDIGO HOTEL	12/17/2008	1/19/2009	4/18/2009	\$70,436.00	85%	Formal All pipeline work is complete. Milling and paving remains.
MERCHANT STREET (PRP 34007)	3/26/2009	4/6/2009	7/4/2009	\$130,767.50	0%	Informal Contract was awarded to Terry Brothers Construction Company.
MERRIMON AVENUE @ OTTARI ROAD	1/21/2009	2/9/2009	6/8/2009	\$283,910.00	80%	Formal All mainline pipe on west side of Merrimon Avenue is complete. Contractor working on pipe installation upstream of Merrimon Avenue.
MONROE PLACE	12/17/2008	1/19/2009	4/18/2009	\$185,990.00	85%	Formal All work is complete, except for paving.
REEMS CREEK INTERCEPTOR	9/17/2008	10/9/2008	6/30/2010	\$3,549,320.00	80%	Formal Construction is going very well and ahead of schedule.
ROGERS PLACE	12/17/2008	1/19/2009	4/18/2009	\$135,253.00	95%	Formal Bursting is complete. Paving still remains to be done.
WEAVERVILLE HIGHWAY @ HILLCREST ROAD	3/26/2009	5/4/2009	8/1/2009	\$40,973.00	0%	Informal Contract was awarded to Terry Brothers Construction Company.
WRF - VENTURI REHAB AT INCINERATOR	1/21/2009	2/10/2009	10/7/2009	\$263,000.00	5%	Informal Contractor on site working on demolition.

*Updated to reflect approved Change Orders and Time Extensions

Planning and Development Projects
Status Report April 7, 2009

Status	Project Name	Project Number	Work Location	Units	LF	Pre-Construction Conference Date	Comments
	Gene Bradley Subdivision	2004022	Fletcher	9	420	3/3/2005	Complete-Waiting on final documents
	Acton Woods Apartments	2002195	Enka	20	0	1/27/2003	Complete-Waiting on final documents
	Davidson Road Sewer Extension	2004154	Asheville	3	109	12/15/2004	Complete-Waiting on final documents
	Givens Estates	2001143	S. Asheville	116	267	7/16/2003	Complete-Waiting on final documents
	Falconwood Subdivision	2004122	Enka	23	502	12/6/2005	Complete-Waiting on final documents
	Reynolds Mountain Phase IV	1995126	Asheville	37	2,036	7/6/2005	Complete-Waiting on final documents
	Riverbend Urban Village	2004206	Asheville	260	1250	8/29/2006	Complete-Waiting on final documents
	N. Bear Creek Road Subdivision	2005137	Asheville	20	127	7/11/2006	Complete - Waiting on final documents
	Woodfin Manor	2003154	Woodfin	60	575	10/11/2006	Complete - Waiting on final documents
	Willowcreek Village Ph.3	2003110	Asheville	26	597	4/21/2006	Complete - Waiting on final documents
	Westmore Subdivision	2003003	West Asheville	92	1163	8/29/2006	Complete - Waiting on final documents
	Rock Hill Road Subdivision	2005153	Asheville	2	277	8/7/2006	Complete - Waiting on final documents
	Ken Higgins	199153	Asheville	-	240	6/15/2007	Complete - Waiting on final documents
	Waightstill Mountain Ph-2-A	2003158	Arden	50	5011	10/14/2005	Complete - Waiting on final documents
	Waightstill Mountain Ph.2	2003158	Arden	32	5,011	5/5/2006	Complete - Waiting on final documents
	Jim Beck	2003003	West Asheville	future	75	12/12/2000	Complete - Waiting on final documents
	Holiday Inn	2001068	Asheville	1	474	8/11/2003	Complete - Waiting on final documents
	Bitmore Park Town Square II-4	2007079	Arden	-	481	6/21/2007	Complete - Waiting on final documents
	Byrd Street Condos	2007085	Asheville	14	300	7/31/2007	Complete - Waiting on final documents
	MWB Sewer Extension	2008046	Asheville	Comm.	285	5/12/2008	Complete - Waiting on final documents
	The Cottages on Liberty Green	2007297	Asheville	7	124	5/30/2008	Complete - Waiting on final documents
	Haw Creek Tract	2006267	Asheville	49	1,817	10/16/2007	Complete - Waiting on final documents
	Oak Crest Place	2004056	West Asheville	27	791	12/3/2004	Ready for final inspection
	Buncombe County Animal Shelter	2007216	Asheville	Comm.	78	5/1/2008	Ready for final inspection
	Northridge Commons	2006198	Weaverville	-	5,826	6/15/2007	Ready for final inspection
	Ridgefield Business Park	2004188	Asheville	18	758	2/16/2005	Complete-Waiting on final documents
			Subtotal	866	28,594		

Planning and Development Projects
Status Report April 7, 2009

Status	Project Name	Project Number	Work Location	Units	LF	Pre-Construction Conference Date	Comments
Under Construction	Bell Road	2007159	Black Mtn	5	285	11/28/2007	Punchlist pending
	Crayton Creek Green	2006282	Asheville	10	482	3/15/2007	Ready for final inspection
	Haywood Village	2007172	Asheville	55	749	7/15/2008	testing
	Grove Park Cove Subdivision	2004101	Asheville	14	1122	6/28/2006	Pre-con held ready for construction
	The Settings (6 Acre Outparcel)	2004192	Black Mountain	21	623	3/15/2006	Ready for final inspection
	Asheville Ford	2008083	Asheville	Comm.	243	2/16/2009	Pre-con held, ready for construction
	McGinnis Sewer Extension	2004225	Asheville	9	48	5/19/2005	In redesign.
	Falcon Ridge	2004240	Asheville	38	3,279	10/11/2006	Ready for final inspection
	Waightstill Mountain PH-8	2006277	Arden	66	3,387	7/26/2007	testing
	Artisan Park	1998125	West Asheville	133	4,529	4/26/2001	Changed Engineer - work to restart soon
	Brookside Road Relocation	2008189	Black Mtn	n/A	346	1/14/2009	Pre-con held, ready for construction
	Scenic View	2006194	Asheville	48	534	11/15/2006	Ready for final inspection
	Ingles	2007214	Black Mtn.	Comm.	594	3/4/2008	Ready for final inspection
	Bartram's Walk	2007065	Asheville	100	10,077	7/28/2008	testing
	Little Beaver Daycare	2007282	Woodfin	Comm.	882	3/6/2009	Installing
	Creekside Village	2007138	Weaverville	295	1,265	8/21/2008	Ready for final inspection
	Morgan Property	2008007	Candler	10	1,721	8/11/2008	Pre-con held, ready for construction
	Village at Bradley Branch - Ph. III	2008076	Asheville	44	783	8/8/2008	Installing
	Versant Phase I	2007008	Woodfin	64	12,837	2/14/2007	Ready for final inspection
	Canoe Landing	2007137	Woodfin	4	303	5/12/2008	Ready for construction
	Central Valley	2006166	Black Mtn	12	472	8/8/2007	Punchlist pending
	Hominy Valley Center	2005010	Candler	5	433	8/9/2005	Punchlist pending
	Kenilworth Cottages	2008031	Asheville	11	177	5/12/2008	Ready for construction
	CVS-Acton Circle	2005163	Asheville	4	557	5/3/2006	Ready for final inspection
	Hamburg Mountain Phase 3	2004086	Weaverville	13	844	11/10/2005	Ready for final inspection
	UNCA New Science Building	2005039	Asheville	5	538	10/28/2005	Ready for final inspection
	Bostic Place Sewer Relocation	2005102	Asheville	3	88	8/25/2005	Ready for final inspection
	Kyfields	2003100	Weaverville	35	1,118	5/10/2004	Ready for final inspection
	Brotherton Co-Housing	1999162	West Asheville	32	152	1/24/2003	Ready for final inspection
	Teems Road Subdivision	2007143	Asheville	40	1,308	5/27/2008	Ready for construction
	Thom's Estate	2006309	Asheville	40	3,422	1/24/2008	testing
	Thom's Estate - Phase II	2008071	Asheville	40	3,701	6/10/2008	testing
	Rockwood Apartments	2008109	Asheville	256	4072	1/27/2009	Pre-con held, ready for construction
Skyland Apartments	2007117	Arden	63	96	4/23/2008	Ready for construction	
Leicester Village Townhomes	2007291	Weaverville	56	427	4/15/2008	testing	
Oak Crest Drive	2008138	Asheville	5	290	1/14/2009	Pre-con held, ready for construction	
Gorilla Express Carwash	2008086	Asheville	Comm.	178	12/4/2008	Installing	
Forest Manor Complex	2088050	Asheville	Comm.	96	12/4/2008	Pre-con held, ready for construction	
Subtotal				2518	101,586		
Total Units:				3,384			
Total LF:					130,180		