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CHARLOTTE-MECKLENBURG
UTILITIES

Wastewater Performance Report

July 1, 2005 – June 30, 2006

Charlotte-Mecklenburg Utilities

5100 Brookshire Blvd.

Charlotte, NC 28216

Phone: (704) 399-2221 Fax: (704) 393-2219

www.cmutilities.com

I. General Information

Name of Regulated Entity and Responsible Person:

City of Charlotte
Barry Gullet, Deputy Director
Charlotte-Mecklenburg Utilities
Administration Division
5100 Brookshire Blvd.
Charlotte, NC 28216
(704) 399-2221

Applicable Permits:

There are five wastewater treatment facilities owned and operated by Charlotte-Mecklenburg Utilities. Charlotte-Mecklenburg Utilities also operates one facility that is owned by Mecklenburg County. Below is a list of these facilities and their applicable NPDES (National Pollutant Discharge Elimination System) permit number. Included with the list of facilities is the name of the Operator in Responsible Charge (ORC) at the facilities and the site telephone numbers.

<u>WWTF</u>	<u>NPDES Permit Number</u>	<u>ORC</u>	<u>Phone</u>
Irwin Creek WWTP	NC0024945	James T. Hunter	704-357-1344
Mallard Creek WRF	NC0030210	Darrell DeWitt	704-547-0680
McAlpine Creek WWMF	NC0024970	Sandy Kim Neely	704-542-0736
McDowell Creek WWTP	NC0036277	Elliott E. Goins, Jr.	704-875-6443
Sugar Creek WWTP	NC0024937	Roy E. Purgason, Jr.	704-553-2124

<u>WW COLLECTION</u>	<u>NCDWQ Permit Number</u>	<u>ORC</u>	<u>Phone</u>
4100 W. Tyvola Road	WQCS00001	Tony Dubois	704-432-3779
<i>Please note the 704-357-6064 number is no longer in use. Customers are encouraged to call 311 if they suspect a wastewater overflow.</i>			

The wastewater treatment facility that is owned by Mecklenburg County and operated by Charlotte-Mecklenburg Utilities is:

<u>WWTF</u>	<u>Permit Number</u>	<u>ORC</u>	<u>Phone</u>
McDowell Park WWTP	NC0029220	Robert P. Norris	704-537-1344

Description of collection and treatment systems:

Charlotte-Mecklenburg Utilities collects wastewater from an estimated 205,569 connections to households and businesses throughout the county. Wastewater is collected and directed (via gravity flow supported by sewage lift stations) to one of five wastewater treatment plants where it is treated. An average of 80.3 million gallons of wastewater is treated and discharged each day.

More than 100 employees work to maintain 3,433 miles of collection pipelines and 72 sewage lift stations throughout the county. The gravity sewer pipes in this system range in size from 8 inches in diameter to 78 inches in diameter.

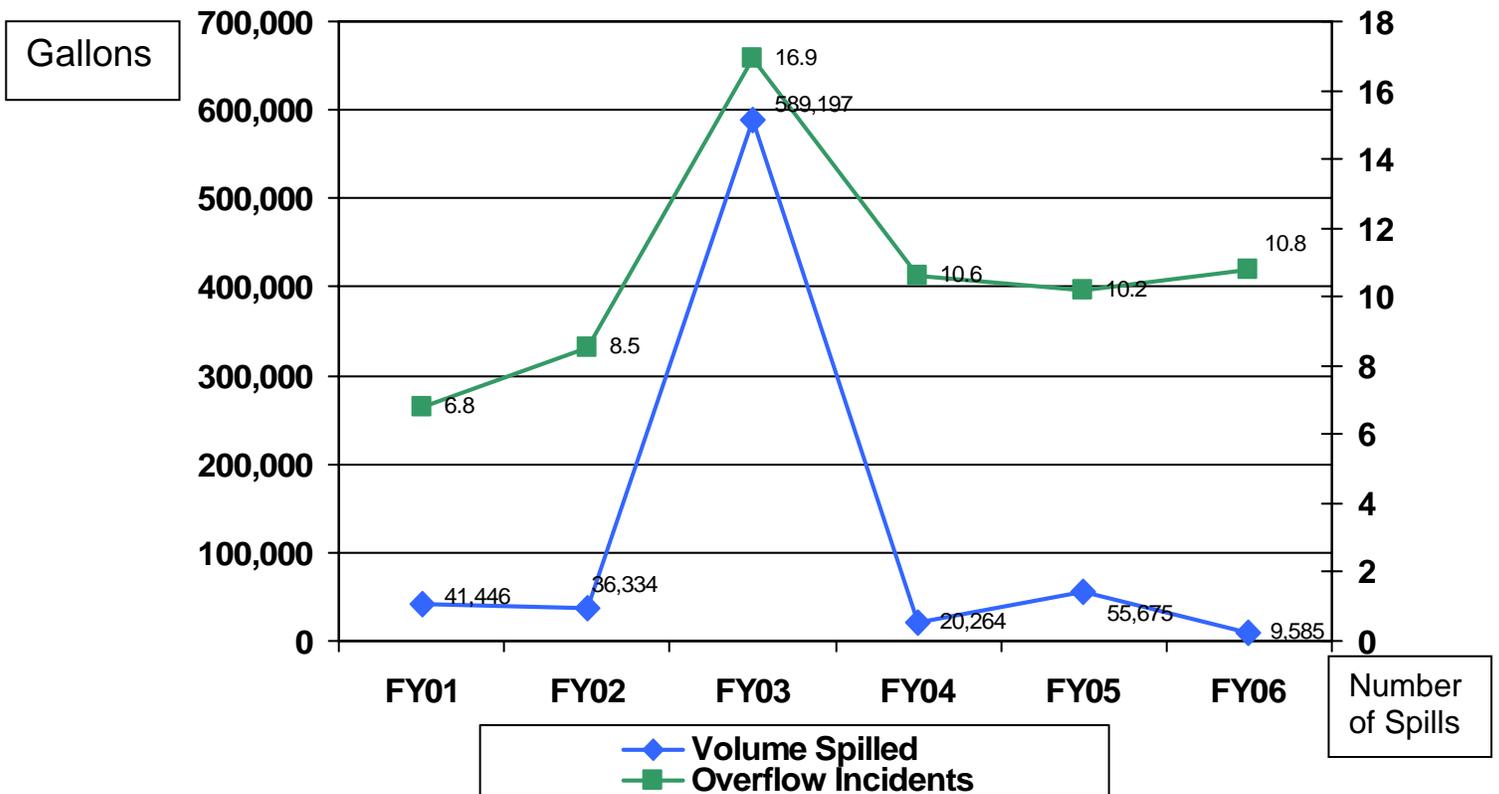
Each of the wastewater treatment plants provides primary, secondary and advanced treatment to the waste stream. Large solid particles and inorganic materials are removed by screening and settling. The wastewater is treated biologically to remove dissolved pollutants. Disinfection reduces bacterial and pathogenic materials. Finally, the waste stream passes through sand filters to remove very small particles that may not have been removed through the settling process.

II. Summary of System Performance

How did we do?

Utilities had 370 sanitary sewer overflows this year which by number is 24 more than last year. However, the volume of wastewater that overflowed declined by 84 percent (from 2,296,207 gallons in fiscal year 2005 to 329,038 gallons this year). Stated another way, approximately 9,585 gallons per 100 miles of pipe in the ground overflowed from the collection system this year as illustrated by the table below. While overflows remain our major focus, it's important to note that this amount represents 0.00112 % of the total flow transported, and that the Charlotte-Mecklenburg wastewater collection system successfully delivered more than 99.998 percent of this community's 29.3 *billion* gallons of wastewater for treatment last year.

Annual Overflows Per 100 Miles of Pipe



Utilities works 24 hours a day, 365 days per year to prevent and respond to overflows. Crews prevent overflows by clearing pipes of tree roots and grease, as well as replacing broken and aging pipes. Utilities has also increased its efforts to educate customers about properly disposing of oils and grease.

Highlights

Charlotte-Mecklenburg Utilities celebrated some important milestones even as it took numerous actions to prevent overflows and protect water quality through effective wastewater treatment.

- Our wastewater treatment plants met 99.62 percent of all permitted discharge limits.
- Approximately 800 miles of sewer lines were cleaned (including repeated cleanings).
- 17.3 miles of sewer pipe and 1,830 manholes were restored or replaced.
- McDowell and Mallard Creek wastewater treatment plants received Peak Performance Gold Awards from the National Association of Clean Water Agencies (NACWA) for the calendar year ending 2005. The plants had 100 percent perfect compliance with NPDES permit requirements. Sugar and McAlpine Creek wastewater treatment plants earned NACWA Silver Awards for outstanding compliance.
- Plant expansions and upgrades continued at all five treatment facilities to enhance performance and increase reliability.
- Zero overflows occurred at wastewater treatment plants.
- In its sixth year, our Grease Free Program inspected grease-handling facilities at 2,283 restaurants to ensure compliance with the city sewer use ordinance and protect the sewer system from improper grease disposal. Forty-eight Notices of Violation and Compliance Orders were issued. The following programs continue to increase: Educational training and presentations (34), residential and apartment handouts / mailings (7,600) follow up visits (961), use of billboards (12 posted), sewer-overflow (150) and complaint investigations (17).



Sample of billboard

- Two pump stations were closed and seven stations were added so there are now 72 pump stations serving low-lying areas. Staff performed 64 preventative maintenance tasks on pump stations (not including routine maintenance).
- The Phosphorus Reduction Project at McAlpine Creek was placed into operation on schedule by February 2006. Construction of this upgrade began in Fall 2003.

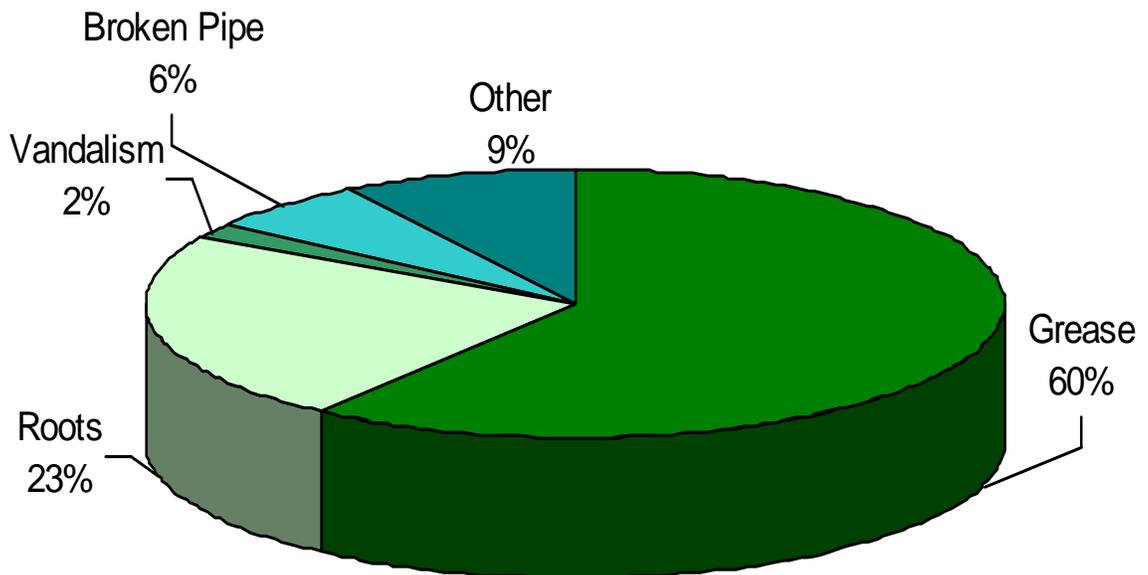
- McDowell Wastewater Treatment Plant is expanding from 6 mgd to 12 mgd. The first increment of construction to increase capacity to 9 mgd will be completed during the fiscal year.
- Phase 2 of the Irwin Creek Relief Sewer project is under construction.
- Briar Creek and McAlpine Creek Relief Sewer projects are in design / real estate and are scheduled to begin construction in fiscal year 2007.
- Major improvements continue at McAlpine Creek Wastewater Treatment Plant including construction of the consolidated influent pumping facilities project (75 percent complete) and primary treatment improvements and effluent filter rehabilitation project (56 percent complete).
- The Field Operations Division successfully combined the previously separate Water Distribution and Wastewater Collection operations into one unit. The areas of response and service are divided into four zones to effectively provide water and wastewater maintenance and construction services throughout Mecklenburg county. Employee development and training was utilized to assist the formerly separate groups in acquiring enhanced levels of understanding of the other's operation along with improvements in technology to produce optimized processes of completing work assignments. The combined effort through the "zone response approach" allows the Field Operations Division to meet the needs of our customers in an efficient manner whether a water or sewer concern.

Continuing Challenges

Wastewater Collection Challenges

The greatest continuing wastewater challenge in this community – and in others across the U.S. – is sewage spills and overflows. During the fiscal year ending June 30, 2006, Utilities reported 370 sewage spills from the collection system totaling 329,038 gallons spilled (304,958 gallons reached surface waters). Most spills were due to grease buildup and the presence of tree roots in pipes. Other factors contributed to overflows, including vandalism, old and/or broken pipes and general debris blockage.

Fiscal Year 2006 Overflows by Cause



While spills are an ongoing challenge, it's important to note the Charlotte-Mecklenburg Utilities wastewater collection system successfully delivered 99.998 percent of this community's 29.3 *billion* gallons of wastewater last year. Our crews work 24 hours a day, 365 days per year to prevent and respond to overflows.

Grease and other blockages that lead to sewer overflows are cleared by Utilities crews, using metal rods and/or truck-mounted water jets. If damaged pipe or other infrastructure is discovered it is repaired. The spilled sewage can sometimes be captured and pumped back into the sewer system.

Inspection crews and our customers find overflows. Reports of overflows where 1,000 or more gallons reach surface waters are distributed to the media in an effort to notify the public. A legal notice is posted when overflows of 15,000 gallons or more reach surface waters. Crews also use door hangers to notify customers when appropriate.

Charlotte-Mecklenburg Utilities continues its excellent sewage spill response record. Our wastewater collection staff response time averaged 43 minutes to all overflows as of June 30, 2006. Staff responded to over 80.8 percent of the spills in fewer than 60 minutes. This compares to a state response standard of 120 minutes or less.

The five-year moving average now stands at 370 collection system spills per year (from FY2002 to present- FY06).

Utilities continues to identify and correct grease, tree root and rain related overflows. Odor issues in the collection system are improving but challenges remain.

Wastewater Treatment Plant Challenges

Charlotte-Mecklenburg Utilities five wastewater treatment plants met 99.62 percent of all discharge limit tests set forth by our NPDES permits but our commitment is 100 percent compliance. Staff continues to improve maintenance capabilities and overall performance. Major rehabilitation and improvement projects help maintain compliance. Future upgrades and expansions are being added.

During this fiscal year there were 27 permit limit violations. Of the 27 violations, 22 of the violations were due to an illegal discharge of copper by a local industry into sewer lines leading to the Irwin Creek WWTP. Investigation by Utilities staff led to the discovery of the offending industry. They were ordered to cease and desist discharging wastewater and the sewer pipe from the industry was plugged so no further discharge could occur.

Including the copper violations caused by the illegal industrial discharge, the treatment plants were in compliance 99.62% of the time. Without the copper violations the plants would have been in compliance 99.93% of the time.

Our pretreatment program has identified, permitted and is regulating large industrial users to keep unsuitable discharges out of the wastewater system. While industrial compliance is extremely high in Charlotte-Mecklenburg, identifying other potentially hazardous discharge sources is an ongoing challenge. In FY06 expansion of the trunkline monitoring program continued, enabling Utilities

pretreatment staff to closely observe what industrial and commercial customers discharge into the sewer network and to identify potential problem areas to protect the collection system and plants.

The sections following this page – Sections IIA and IIB -- detail all spills from the collection system and plants, along with plant permit limit violations and monitoring and reporting violations. Section IIA includes spills for the fiscal year ending June 30, 2006 and is separated by month. These include size of spills, their cause and descriptions of any known environmental impact.

The second section, Section IIB, represents NPDES reporting and monitoring violations and is separated by plant.

III. Notification

This report is available to the users or customers of this system by clicking on the ‘publications’ link of the Charlotte-Mecklenburg Utilities homepage at www.cmutilities.com. There are also printed copies available at the Charlotte–Mecklenburg Utilities Administration Building at 5100 Brookshire Blvd., Charlotte, NC 28216, and at the City/County Customer Service and Information Center at 600 East Fourth Street, Charlotte, NC 28202. The users or customers of this system will receive a summary version of this report and will be notified of the availability of this comprehensive version via a bill insert in the September 2006 water/sewer bill. A news release will be issued before September 1 about this report. In addition, the summary version will be translated into Spanish and advertised during the month of September in a regional Spanish-speaking newspaper. We will also make this Spanish version available via our website.

IV. Certification

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users or customers of the named system and that those users have been notified of its availability.

Barry Gullet, Deputy Director
Charlotte – Mecklenburg Utilities

Date

IIA. Listing of Sewer Spills by Month

The following is a list of spills (in gallons) from the public wastewater system that occurred between July 1, 2005 and June 30, 2006. Most occurred from the wastewater collection system. Spills that occurred at wastewater plants are noted in the address.

July	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
7/7/2005	135	68	Briar Creek	0	3123	Marney Avenue	Grease
7/8/2005	3,000	3,000	Sugar Creek	0	2200	Park Road	Grease
7/10/2005	90	90	Little Sugar Creek	0	700	Sugar Creek Road (East)	Grease
7/13/2005	300	300	Little Sugar Creek	0	2417	Tryon Street (North)	Debris
7/15/2005	1,200	1,200	McAlpine Creek	0	6908	Elm Forest Drive	Grease
7/19/2005	4,600	4,600	Little Sugar Creek	0	6220	Park Road	Grease
7/20/2005	450	450	Irvins Creek	0	7500	Folger Drive	Grease
7/20/2005	40	0	Little Sugar Creek	0	523	Pine Street (North)	Grease
7/24/2005	400	0	Campbell Creek	0	5718	Cedars East	Grease
7/27/2005	2,400	2,400	Taggart Creek	0	1801	Brooksvale Street	Grease

7/28/2005	180	180	Irwin Creek	0	3000	Statesville	Grease
7/29/2005	600	0	Little Sugar Creek	0	1454	Townes Road	Grease
7/30/2005	1,200	1,200	Irwin Creek	0	500	Beatties Ford Road	Grease
TOTAL SPILLS 13	14,595	13,488					

August	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
8/1/2005	30	0	Lake Norman	0	18315	Harbor Light Boulevard	Broken Pipe
8/6/2005	86	86	Irwin Creek Tributary	0	540	Pressley Road	Grease
8/6/2005	0	0	McAlpine Creek	0	132	Kenmore Drive	Broken Pipe
8/9/2005	2,250	2,250	McMullen Creek	0	4009	Craig Avenue	Grease
8/11/2005	45	0	Ashley Creek	0	308	Mcleod Street	Debris

8/12/2005	120	80	Lake Norman	0	19135	Peninsula Point Drive	Broken Pipe
8/15/2005	90	0	Campbell Creek	0	6510	Piney Path Road	Tree Roots
8/15/2005	3,600	1,800	Stewart Creek Tributary	0	301	Honeywood Avenue	Broken Pipe
8/19/2005	48	48	Stewart Creek Tributary	0	326	Hoskins Road (South)	Grease
8/20/2005	12,000	12,000	Little Sugar Creek Tributary	0	132	Kenmore Drive	Broken Pipe
8/23/2005	112	0	Irwin Creek Tributary	0	4713	Woodstone Drive	Grease
8/23/2005	40	0	Stewart Creek Tributary	0	655	Bradford Drive	Tree Roots
8/23/2005	600	600	Irwin Creek Tributary	0	3200	Amay James Avenue	Debris
8/23/2005	60	60	Little Hope Creek	0	6626	Candlewood Drive	Grease

8/25/2005	10,500	10,500	Little Sugar Creek	0	310	Dalton Avenue	Debris
8/26/2005	30	0	Reedy Creek Tributary	0	6901	Hillswick Drive	Tree Roots
8/27/2005	810	810	Little Sugar Creek	0	310	Dalton Avenue	Broken Pipe
8/28/2005	400	0	Coffey Creek	0	2008	Choyce Circle	Grease
8/30/2005	750	563	Little Sugar Creek	0	926	Elizabeth Avenue	Debris
8/31/2005	150	150	Toby Creek Tributary	0	9740	University City Boulevard	Grease
8/31/2005	60	60	Irwin Creek	0	707	Spratt Street	Debris
8/31/2005	7,200	7,200	Little Sugar Creek	0	3912	Lovett Circle	Broken Pipe
TOTAL SPILLS 22	38,981	36,207					

September	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
9/1/2005	30	30	McAlpine Creek	0	3201	Gulfstream Court	Tree Roots
9/5/2005	240	0	Briar Creek	0	3325	Donovan Place	Grease
9/8/2005	0	0	McMullen Creek Tributary	0	4315	Town & Country Drive	Tree Roots
9/15/2005	100	0	Mt Island Lake	0	11517	Shimmering Lake Drive	Debris
9/16/2005	600	600	Dairy Branch	0	1900	Lennox Avenue	Grease
9/18/2005	180	0	Irwin Creek	0	200	Frazier Avenue	Grease
9/19/2005	45	0	Little Sugar Creek Tributary	0	5841	Old Concord Road	Grease
9/20/2005	15,000	15,000	Little Sugar Creek	0	1845	Wensley Drive	Grease
9/22/2005	6,750	6,750	Stewart Creek Tributary	0	5216	June Furr Road	Grease

9/24/2005	300	300	Little Hope Creek	0	4042	Conway Avenue	Grease
9/27/2005	600	600	Walker Branch Creek	0	4425	Golden View Drive	Grease
9/27/2005	300	300	Clarke Creek North Prong	0	15900	Cranleigh Drive	Grease
9/27/2005	300	300	Paw Creek	0	6822	David Avenue	Grease
9/28/2005	3,000	3,000	Mallard Creek	0	5180	Equipment Drive	Grease
TOTAL SPILLS 14	27,445	26,880					

October	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
10/03/2005	45	45	McAlpine Creek Tributary	0	818	McLaughlin Drive	Grease
10/04/2005	360	180	Briar Creek	0	200	Colville Road	Broken Pipe
10/05/2005	1,800	1,800	Paw Creek	0	527	East Todd Lane	Grease
10/09/2005	1,010	1,010	Mallard Creek Tributary	0	3340	Whistley Green Drive	Tree Roots

10/12/2005	1,050	1,050	Briar Creek Tributary	0	1609	Herrin Avenue	Tree Roots
10/13/2005	3,000	3,000	Sugar Creek	0	6700	Woodstream Drive	Broken Pipe
10/13/2005	120	0	Porter Branch	0	11625	Steele Creek Road	Tree Roots
10/17/2005	340	340	Little Sugar Creek Tributary	0	406	Mallard Drive	Broken Pipe
10/17/2005	2,700	2,700	Mallard Creek	0	3056	Heathcroft Court	Grease
10/17/2005	600	600	Irwin Creek Tributary	0	300	Dalton Avenue	Debris
10/18/2005	120	120	Little Sugar Creek Tributary	0	2033	Wilhelmina Avenue	Grease
10/18/2005	750	750	Campbell Creek	0	5760	Albermarle Road	Grease
10/18/2005	300	300	Sugar Creek	0	10022	Woodyridge Road	Grease
10/19/2005	30	30	Briar Creek	0	1419	Briar Creek Road	Grease
10/19/2005	1,500	1,500	Four Mile Creek	0	2817	Highridge Road	Broken Pipe
10/24/2005	190	190	Briar Creek	0	5400	Viewmont Drive	Debris
10/24/2005	900	900	Briar Creek	0	1726	Eastcrest Drive	Grease
10/24/2005	43	0	Briar Creek	0	1716	Finchley Drive	Grease
10/25/2005	900	900	Little Sugar Creek	0	2857	Westport Road	Tree Roots

10/26/2005	1,200	1,200	Little Sugar Creek	0	621	Cooper Drive	Broken Pipe
10/26/2005	30	0	Coffey Creek Tributary	0	11401	Wilmar Boulevard	Debris
10/30/2005	600	600	Briar Creek	0	2000	Patio Court	Grease
10/30/2005	2,400	2,400	Irwin Creek	10	3300	Frew Road	Grease
TOTAL SPILLS 23	19,988	19,615					

November	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
11/02/2005	2,250	2,250	Little Hope Creek	1	2000	Woodlawn Road (East)	Grease
11/02/2005	4,200	4,200	Irwin Creek Tributary	1	4000	Stuart Andrew Boulevard	Grease
11/04/2005	675	675	Stewart Creek	0	2000	Thrift Road	Debris
11/07/2005	1,500	1,500	Toby Creek	0	326	Neal Drive	Vandalism
11/08/2005	180	135	Stewart Creek	0	601	Summit Avenue (West)	Grease
11/08/2005	20	20	Briar Creek Tributary	0	4142	Larkspur Lane	Grease
11/08/2005	300	300	Briar Creek Tributary	0	6800	Barrington Drive	Grease
11/08/2005	150	150	Irwin Creek	0	800	Yellowstone Road	Grease

11/09/2005	1,200	1,200	Taggart Creek	0	2805	Horseshoe Lane	Grease
11/09/2005	1,050	1,050	McMullen Creek Tributary	0	6100	Monroe Road	Grease
11/11/2005	68	0	Lake Norman	0	18424	Harbor Light	Debris
11/13/2005	120	120	McAlpine Creek Tributary	0	7621	Campbell Creek Lane	Tree Roots
11/14/2005	600	600	Little Sugar Creek	0	6215	Countryside Drive	Grease
11/14/2005	75	75	Stewart Creek	0	4116	Welling Avenue	Grease
11/15/2005	30	30	Briar Creek	0	2112	Hassell Place	Grease
11/18/2005	360	360	McMullen Creek	0	2450	Ainsdale Road	Grease
11/18/2005	100	100	Irwin Creek	0	4100	Tyvola Road (West)	Debris
11/19/2005	180	180	Campbell Creek	0	6000	Amity Place	Tree Roots
11/19/2005	4,200	4,200	Six Mile Creek Tributary	0	17426	Westmill Lane	Grease
11/19/2005	480	480	Stewart Creek	0	3400	Reid Avenue	Tree Roots
11/20/2005	1,200	1,200	Long Creek	0	10300	Northwoods Forest Drive	Grease
11/23/2005	240	240	Caldwell Station Tributary	0	9850	Caldwell Depot Road	Debris
11/23/2005	600	600	Dairy Branch	0	3100	Park Road	Grease

11/24/2005	90	90	Long Creek	0	10300	Northwoods Forest Drive	Grease
11/25/2005	1,800	1,800	Rocky River Creek	0	3728	Mill Stream Ridge Drive	Grease
11/26/2005	5	0	McAlpine Creek Tributary	0	6318	Deveron Drive	Grease
11/26/2005	5	5	Four Mile Creek	0	8600	Raintree Lane	Grease
11/28/2005	120	120	McAlpine Creek	0	9024	Monroe Road	Grease
11/29/2005	2,000	2,000	Sugar Creek Little	0	821	Georgetown Drive	Grease
11/30/2005	935	935	Four Mile Creek	0	12440	Community House Road (North)	Debris
TOTAL SPILLS 30	24,733	24,615					

December	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
12/02/2005	2,400	2,400	Stewart Creek Tributary	0	500	Hoskins Road (North)	Broken Pipe
12/03/2005	1,500	750	McAlpine Tributary	0	9709	Calpher Court	Grease
12/03/2005	2,250	2,000	Paw Creek	0	8511	Stone Hurst Drive	Tree Roots
12/04/2005	150	135	McAlpine Creek Tributary	0	9009	W T Harris Boulevard (East)	Grease
12/05/2005	300	300	Sugar Creek	0	5700	Telfair Road	Tree Roots

12/05/2005	1,200	1,200	Briar Creek Tributary	0	718	Harwyn Drive	Grease
12/05/2005	876	876	Irwin Creek Tributary	0	1030	Otts Street	Grease
12/05/2005	45	45	Sugar Creek Little	0	724	Sugar Creek Road (East)	Grease
12/06/2005	185	185	McAlpine Creek Tributary	0	6116	Preston Lane	Tree Roots
12/06/2005	200	200	Stewart Creek Tributary	0	500	Hoskins Road (North)	Broken Pipe
12/06/2005	360	360	Briar Creek Tributary	0	5123	Central Avenue	Grease
12/07/2005	425	425	Little Sugar Creek Tributary	0	3333	Tryon Street (North)	Tree Roots
12/07/2005	336	336	Back Creek Tributary	0	1901	Teresa Jill Drive	Grease
12/07/2005	248	0	McAlpine Creek	0	8227	Bald Ridge Drive	Grease
12/08/2005	50	12	Sugar Creek Tributary	0	5025	Lochlain Drive	Tree Roots
12/08/2005	130	0	Four Mile Creek	0	8901	St Croix Lane	Grease
12/08/2005	700	700	McAlpine Tributary	0	7831	Winterset Drive	Grease
12/08/2005	600	300	Briar Creek	0	1659	Scotland Avenue	Tree Roots
12/09/2005	420	210	Sugar Creek	0	1900	Ranchwood Drive	Tree Roots
12/10/2005	90	0	Six Mile Creek	0	9870	Rea Road	Debris

12/10/2005	1,825	1,825	Sugar Creek Big Tributary	0	5275	Parkway Plaza Boulevard	Grease
12/12/2005	600	600	Torrence Creek	0	8517	Tatebrook Lane	Tree Roots
12/12/2005	315	315	Irwin Creek Tributary	0	1512	Plumstead Road	Debris
12/13/2005	240	240	Briar Creek	0	2231	Purser Drive	Grease
12/14/2005	90	90	Irwin Creek Tributary	0	1512	Plumstead Road	Debris
12/18/2005	180	0	McMullen Creek	0	100	Chadmore Drive	Grease
12/19/2005	140	28	Briar Creek	0	3415	Windsor Drive	Grease
12/20/2005	2,800	2,800	Little Hope Creek	0	626	Hartford Avenue	Debris
12/20/2005	100	100	McMullen Creek Tributary	0	3415	Monroe Road	Vandalism
12/20/2005	1,500	1,500	Campbell Creek	0	6627	Barncliff Drive	Grease
12/22/2005	1,800	1,800	Stewart Creek Tributary	0	3908	Corporation Circle	Tree Roots
12/23/2005	840	420	Stewart Creek	0	3200	Banbury Drive	Grease
12/23/2005	150	15	Upper Little Sugar	0	901	Westbrook Drive	Grease
12/26/2005	2,820	2,820	Briar Creek	0	9000	W T Harris Boulevard (East)	Grease
12/28/2005	450	450	Briar Creek	0	701	Museum Drive	Grease

12/29/2005	7,200	7,200	Irwin Creek	0	2457	Kendrick Avenue	Grease
12/29/2005	300	0	Sugar Creek	0	6252	Park South Drive	Tree Roots
TOTAL SPILLS 37	33,815	30,637					

January	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
01/01/2006	240	0	Long Creek	0	7700	Ambleside Drive	Grease
01/01/2006	450	450	McMullen Creek	0	4400	Deepwood Drive	Tree Roots
01/01/2006	50	0	McAlpine Creek	0	901	Shady Bluff Drive	Tree Roots
01/01/2006	120	0	Four Mile Creek	0	9000	Raintree Lane	Grease
01/02/2006	106	106	Briar Creek Tributary	0	2321	Club Drive	Grease
01/02/2006	120	120	Coffey Creek Tributary	0	901	Yorkdale Drive	Grease
01/03/2006	300	300	Briar Creek	0	3101	Central Avenue	Grease
01/03/2006	135	135	Sugar Creek	0	808	Cone Avenue	Tree Roots
01/04/2006	90	90	Briar Creek	0	2919	Central Avenue	Grease
01/04/2006	279	279	Irwin Creek Tributary	0	2400	Statesville Road	Grease

01/05/2006	10	0	Old Steel Creek	0	2820	Wilkinson Boulevard	Grease
01/06/2006	600	600	Campbell Creek	0	10600	W T Harris Boulevard (East)	Grease
01/06/2006	156	0	Briar Creek Tributary	0	728	Vanderbrook Road	Grease
01/07/2006	105	52	McAlpine Creek	0	6521	Havenlock Place	Tree Roots
01/07/2006	200	200	Campbell Creek	0	6500	Farmingdale Drive	Tree Roots
01/07/2006	900	225	Four Mile Creek	0	10530	Northeast Parkway	Debris
01/07/2006	360	360	Torrence Creek Tributary	0	9100	Twin Trail Drive	Grease
01/07/2006	3,600	3,600	Sugar Creek Little	0	1650	Academy Street	Grease
01/09/2006	480	480	Irwin Creek	0	3201	Dalecrest Drive	Grease
01/09/2006	1,200	1,200	McAlpine Creek	0	7111	Cedar Lake Court	Tree Roots
01/09/2006	2,280	2,280	Briar Creek	0	3520	Colony Road	Grease
01/09/2006	1,005	503	Little Sugar Creek Tributary	0	201	29th Street (West)	Grease
01/09/2006	60	60	Little Sugar Creek	0	4111	Tryon Street (North)	Tree Roots
01/10/2006	600	600	Irwin Creek	0	4901	Dwight Evans Road	Grease
01/10/2006	99	0	Four Mile Creek	0	552	Charles Street (West)	Grease

01/11/2006	900	450	McAlpine Creek	0	4411	Wills Way	Grease
01/11/2006	600	600	McAlpine Creek	0	742	Pineborough Road	Grease
01/11/2006	600	600	Mallard Creek	0	3120	Summernote Lane	Tree Roots
01/11/2006	150	150	Irwin Creek	0	710	Yorkmont Road	Grease
01/12/2006	365	183	McIntyre Creek Tributary	0	9609	Trinity Road	Grease
01/12/2006	300	300	Sugar Creek Tributary	0	351	Glenrock Drive	Grease
01/12/2006	150	150	Sugar Creek	0	1617	Archdale Drive	Tree Roots
01/13/2006	600	600	Sugar Creek Little	0	6227	Rosecrest Drive	Grease
01/14/2006	2,210	2,210	Gum Branch Creek	0	1200	Gum Branch Road	Grease
01/15/2006	338	338	Sugar Creek Little	0	4822	Fairheath Road	Grease
01/16/2006	555	555	Kings Branch	0	636	Archdale Drive	Grease
01/16/2006	1,430	1,430	Sugar Creek Tributary	0	6104	Coolbrook Court	Grease
01/16/2006	655	655	Edward Branch Tributary	0	1511	Lansdale Drive	Grease
01/17/2006	50	10	McAlpine Creek	0	1700	Progress Lane	Grease
01/18/2006	1,400	1,400	Briar Creek	0	6400	Treeline Place	Grease

01/18/2006	30	0	Irwin Creek	0	3325	Pine Meadow Drive	Tree Roots
01/18/2006	900	900	Long Creek	0	1205	Brook Farm Lane	Grease
01/19/2006	400	400	Edward Branch Tributary	0	1700	Progress Lane	Grease
01/19/2006	600	600	Irwin Creek	0	1419	Chelveston Drive	Grease
01/20/2006	78	78	McAlpine Creek Tributary	0	11625	Harrowfield Road	Grease
01/20/2006	50	0	Reedy Creek Tributary	0	7122	Rothmore Street	Grease
01/21/2006	150	128	Briar Creek Tributary	0	928	Beal Street	Grease
01/22/2006	765	765	Briar Creek Tributary	0	4132	Larkspur Lane	Grease
01/23/2006	1,800	1,800	Sugar Creek	0	7315	Watercrest Road	Grease
01/23/2006	600	600	Back Creek	0	2100	Back Creek Church Road	Grease
01/23/2006	60	60	McAlpine Creek	0	7012	Graburn Road	Tree Roots
01/24/2006	300	300	Irwin Creek	0	2601	Freedom Drive	Grease
01/24/2006	475	475	Campbell Creek	0	6600	Executive Circle	Grease
01/24/2006	750	325	Four Mile Creek	0	4217	Burning Tree Drive	Grease
01/25/2006	375	375	McMullen Creek	0	1034	Nancy Drive	Tree Roots

01/26/2006	7,200	6,480	Irwin Creek Tributary	0	1600	Oaklawn Avenue	Debris
01/26/2006	150	0	Derita Branch	0	4650	Northhaven Drive	Tree Roots
01/27/2006	150	150	McMullen Creek	0	11300	Treebark Lane	Grease
01/29/2006	400	400	Stewart Creek	0	1809	Griers Grove Road	Grease
01/30/2006	600	600	McAlpine Creek	0	5111	Gamton Court	Grease
01/30/2006	780	780	Mallard Creek	0	9801	Mallard Creek Road	Grease
01/31/2006	3,600	3,600	Little Hope Creek	0	1000	Woodlawn Road (East)	Grease
TOTAL SPILLS 62	44,061	40,087					

February	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
02/02/2006	60	60	Briar Creek Tributary	0	2900	Shamrock Drive	Tree Roots
02/02/2006	300	300	Irwin Creek	0	2415	Old Steele Creek Road	Grease
02/02/2006	52	0	Sugar Creek	0	5116	Eaton Circle	Tree Roots
02/02/2006	300	300	Sugar Creek	0	1200	Marsh Road	Grease
02/03/2006	320	0	Sardis Branch Tributary	0	8139	Cliffside Drive	Tree Roots

02/03/2006	6,000	6,000	Irwin Creek	0	728	Rodey Avenue	Grease
02/07/2006	1,800	1,800	McAlpine Creek	0	6724	Newhall Road	Grease
02/10/2006	16	16	McMullen Creek Tributary	0	5715	Monroe Road	Debris
02/10/2006	1,500	750	Polk Ditch Tributary	0	11707	Steele Creek Road	Tree Roots
02/10/2006	45	0	Sugar Creek	0	2808	Tuckaseegee Road	Grease
02/11/2006	100	100	McAlpine Creek Tributary	0	2438	Knickerbocker Drive	Grease
02/12/2006	52	52	McMullen Creek Tributary	0	339	Shasta Lane	Tree Roots
02/12/2006	92	0	McAlpine Creek Tributary	0	8139	Cliffside Drive	Tree Roots
02/13/2006	200	0	Rea Branch	0	3520	Rea Road	Tree Roots
02/13/2006	70	70	Little Sugar Creek Tributary	0	3528	Graham Street (North)	Tree Roots
02/13/2006	52	52	Briar Creek Tributary	0	2301	Mecklenburg Avenue	Grease
02/14/2006	147	147	Briar Creek Tributary	0	3300	Sudbury Road	Grease
02/14/2006	90	90	Briar Creek Tributary	0	2220	Marbetta Lane	Grease
02/15/2006	2,200	2,200	Taggart Creek	0	1708	Brooksvale Street	Grease
02/16/2006	1,200	1,200	Long Creek	0	1609	Sugar Hollow Drive	Grease

02/18/2006	60	0	Four Mile Creek	0	1622	English Knoll Drive	Grease
02/19/2006	120	0	Gum Branch Tributary	0	138	Cottonwood Park Drive	Tree Roots
02/19/2006	1,440	1,440	Toby Creek Tributary	0	2313	Century Oaks Lane	Grease
02/20/2006	750	375	Clarks Creek Tributary	0	12424	Eastfield Road	Vandalism
02/22/2006	2,470	2,470	Briar Creek Tributary	0	1518	Academy Street	Tree Roots
02/23/2006	300	300	Irwin Creek	0	4901	Dwight Evans Road	Grease
02/24/2006	3,600	3,600	Sugar Creek	0	1600	Old Towne Court	Grease
02/24/2006	750	750	Little Sugar Creek	0	4430	Rolling Hill Drive	Tree Roots
02/26/2006	584	292	Clarke Creek South Prong	0	421	Pine Road	Tree Roots
02/26/2006	93	25	McMullen Creek Tributary	0	3024	Robin Road	Grease
TOTAL SPILLS 30	24,763	22,389					

March	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
03/01/2006	1,500	1,500	Long Creek	0	511	Creston Circle	Debris
03/01/2006	1,000	1,000	Briar Creek Tributary	0	2110	Norcross Place	Tree Roots

03/02/2006	150	0	Kings Branch	0	512	Farmhurst Drive	Grease
03/02/2006	750	750	Little Sugar Creek Tributary	0	4112	Tryon Street (North)	Debris
03/02/2006	1,500	1,500	Little Sugar Creek	0	432	Springbrook Road	Grease
03/02/2006	1,250	1,250	Toby Creek Tributary	0	1100	Chancellor Park Drive	Grease
03/03/2006	300	300	Little Sugar Creek Tributary	0	6600	Tryon Street (North)	Grease
03/03/2006	180	90	Stewart Creek	0	2619	West Boulevard	Debris
03/03/2006	150	150	Little Hope Creek Tributary	0	5439	Wedgewood Drive	Grease
03/03/2006	85	17	McAlpine Creek	0	509	Sardis Lane	Tree Roots
03/03/2006	1,100	1,100	Coffee Creek	64	2105	Water Ridge Parkway	Broken Pipe
03/04/2006	2,260	2,260	Irwin Creek	0	5275	Parkway Plaza Boulevard	Grease
03/06/2006	600	600	Sugar Creek	0	11100	Granite Street	Grease
03/07/2006	210	0	Sugar Creek Little	0	1001	Everett Place	Grease
03/07/2006	800	800	Briar Creek Tributary	0	6100	Bridlewood Lane	Grease
03/09/2006	300	300	McAlpine Creek Tributary	0	1300	Scotland Avenue	Grease
03/09/2006	600	600	Briar Creek	0	3333	Biscayne Drive	Grease

03/10/2006	150	150	Briar Creek Tributary	0	2110	Norcross Place	Broken Pipe
03/10/2006	1,500	1,500	Sugar Creek	0	8717	Windsong Drive	Grease
03/11/2006	300	150	Briar Creek	0	2000	Wendover Road	Tree Roots
03/12/2006	600	0	McAlpine Creek	0	12134	Painted Tree Road	Tree Roots
03/13/2006	300	300	Toby Creek Tributary	0	6101	Orr Road	Grease
03/13/2006	240	120	McMullen Creek	0	10726	Blue Heron Drive	Grease
03/13/2006	38	38	Irwin Creek Tributary	0	1600	Oaklawn Avenue	Vandalism
03/14/2006	1,000	0	Kings Branch	0	814	Aileen Circle	Tree Roots
03/14/2006	925	925	Little Sugar Creek Tributary	0	5200	Pine Drive	Grease
03/14/2006	600	600	Briar Creek Tributary	0	2633	Eastway Drive	Grease
03/14/2006	345	345	Briar Creek	0	3225	Eastway Drive	Grease
03/15/2006	80	80	Briar Creek Tributary	0	4100	Sudbury Road	Grease
03/15/2006	600	600	Blankmanship Branch	0	15913	White Barn Court	Vandalism
03/16/2006	9,750	9,750	Stewart Creek	0	516	Norwood Drive	Broken Pipe
03/16/2006	30	30	Campbell Creek	0	4111	Tamerlane Drive	Debris

03/16/2006	80	80	Mcalpine Creek	0	6424	Rockshire Drive	Tree Roots
03/17/2006	495	495	McAlpine Creek Tributary	0	7812	Portia Place	Grease
03/18/2006	900	450	McCullough Creek	0	707	Lakeview Drive	Tree Roots
03/18/2006	900	900	McMullen Creek	0	3752	Larkston Drive	Tree Roots
03/18/2006	195	195	McAlpine Creek	0	6432	Round Hill Road	Grease
03/18/2006	56	56	Briar Creek	0	5600	The Plaza	Tree Roots
03/18/2006	800	800	McAlpine Creek	0	1900	McKenna Court	Grease
03/19/2006	415	415	Six Mile Creek	0	6023	Albemarle Road	Grease
03/19/2006	360	360	McAlpine Creek	0	9545	Scotland Hall Court	Grease
03/20/2006	100	100	Little Sugar Creek Tributary	0	6235	South Boulevard	Tree Roots
03/22/2006	122	122	Little Sugar Creek Tributary	0	1000	10th Street (East)	Grease
03/22/2006	600	600	Walkers Branch	0	13628	Walkers Creek Drive	Grease
03/23/2006	1,125	1,125	Kings Branch	0	601	Sleepy Hollow Road	Tree Roots
03/23/2006	1,000	1,000	Mallard Creek Tributary	0	11855	Tryon Street (North)	Grease
03/23/2006	450	225	Kings Branch Creek	0	5341	Fernhill Drive	Tree Roots

03/24/2006	300	150	Briar Creek Tributary	0	4034	Rutgers Avenue	Grease
03/25/2006	4,200	4,200	McAlpine Tributary	0	7259	Point Lake Drive	Grease
03/27/2006	3,000	2,250	Sugar Creek	0	10116	Woody Ridge Road	Vandalism
03/28/2006	600	600	Stewart Creek Tributary	0	1036	Druid Circle	Grease
03/29/2006	325	325	McAlpine Creek Tributary	0	6719	Montezuma Trail	Grease
03/30/2006	200	200	Stewart Creek	0	2700	Zebulon Avenue	Grease
03/31/2006	1,650	1,650	McMullen Creek Tributary	0	6914	Riesman Lane	Grease
TOTAL SPILLS 54	47,066	43,103					

April	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
04/02/2006	2,700	2,700	Briar Creek Trib	0	3100	Winterfield Place	Grease
04/02/2006	1,635	164	McMullen Creek Tributary	0	3945	Huckleberry Road	Grease
04/02/2006	339	255	McAlpine Creek Tributary	0	5220	Chestnut Lake Drive	Grease
04/03/2006	610	610	Little Sugar Creek Tributary	0	6547	South Boulevard	Grease
04/05/2006	140	140	Briar Creek	0	1001	Ivey Drive	Grease

04/05/2006	6,000	6,000	Mallard Creek Tributary	0	3227	Harris Mill Lane	Grease
04/06/2006	990	990	Rocky River Tributary	0	6631	Harburn Forest Drive	Grease
04/06/2006	480	0	McMullen Creek	0	7630	Zermatt Lane	Tree Roots
04/07/2006	320	32	Rocky River Tributary	0	2729	Forest Grove Court	Tree Roots
04/09/2006	140	0	Irwin Creek	0	1609	Whisnant Street	Grease
04/10/2006	460	460	Little Sugar Creek Tributary	0	2320	Catalina Avenue	Grease
04/10/2006	175	175	Briar Creek Tributary	0	3700	Delgany Drive	Grease
04/12/2006	230	100	Irwin Creek Tributary	0	1600	West Boulevard	Grease
04/12/2006	150	30	Campbell Creek	0	5312	Winterhaven Drive	Grease
04/12/2006	45	0	Meadow Creek	0	1019	Cone Avenue	Tree Roots
04/14/2006	450	225	Lake Norman	0	19500	Weaver's Circle	Broken Pipe
04/16/2006	69	69	McAlpine Creek Tributary	0	9009	W T Harris Boulevard (East)	Vandalism
04/17/2006	1,200	1,200	Little Sugar Creek	0	2215	Wensley Drive	Grease
04/19/2006	225	225	Gum Branch Tributary	0	918	Valley Ridge Road	Grease
04/20/2006	1,200	1,200	McAlpine Creek	0	7617	Gayle Avenue	Grease

04/24/2006	5	5	McAlpine Creek	0	8000	Beverly Crest Boulevard	Grease
04/25/2006	300	300	Kings Branch	0	415	Minuet Lane	Grease
04/28/2006	45	45	McAlpine Creek	0	7900	Beverly Crest Boulevard	Debris
04/28/2006	600	600	Sugar Creek	0	3522	Sloan Street	Tree Roots
04/28/2006	450	0	McAlpine Creek	0	8427	Strider Drive	Grease
04/29/2006	200	100	McMullen Creek	0	1111	Greentree Drive	Grease
04/30/2006	128	128	Little Sugar Creek	0	4504	Nicks Tavern Road	Tree Roots
04/30/2006	165	33	Briar Creek Tributary	0	222	Emerson Avenue	Tree Roots
04/30/2006	124	124	McAlpine Creek Tributary	0	3320	Windbluff Drive	Grease
TOTAL SPILLS 29	19,575	15,910					

May	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
05/01/2006	360	360	Little Sugar Creek	0	1658	Sterling Road	Broken Pipe
05/01/2006	60	60	McAlpine Creek	0	2100	Sedley Road	Tree Roots
05/02/2006	330	330	Torrence Creek	0	214	Greenway Street	Tree Roots

05/05/2006	1,200	1,200	Beaverdam Creek	0	16203	Wright's Ferry Road	Grease
05/05/2006	1,530	1,530	Back Creek Tributary	0	9701	Fernspray Road	Debris
05/05/2006	60	0	Irwin Creek	0	5000	Popular Spring Drive	Tree Roots
05/06/2006	600	600	McMullen Creek Tributary	0	3335	Gresham Place	Grease
05/08/2006	20	20	Little Sugar Creek	0	1117	Woodside Avenue	Tree Roots
05/08/2006	175	175	McDowell Creek	0	8211	Chandos Place	Grease
05/09/2006	1,135	1,135	Little Sugar Creek	0	1339	Rutledge Avenue	Debris
05/11/2006	50	50	Briar Creek	0	2147	Brookwood Road	Tree Roots
05/14/2006	365	365	McMullen Creek	0	3032	Mountainbrook Road	Tree Roots
05/16/2006	245	245	Coffey Creek Tributary	0	7601	Holliswood Court	Grease
05/16/2006	65	32	Stewarts Creek	0	827	Seldon Drive	Grease
05/16/2006	60	0	Kings Branch	0	9620	Long Valley Drive	Tree Roots
05/16/2006	800	800	McDowell Creek Tributary	0	7045	Tanners Creek Drive	Debris
05/16/2006	125	0	Lake Norman	0	513	Westside Trail	Tree Roots
05/17/2006	300	300	McIntyre Creek Tributary	0	9040	Feldbank Drive	Grease

05/18/2006	360	360	Briar Creek Tributary	0	2536	Providence Road	Tree Roots
05/18/2006	400	400	Little Sugar Creek Tributary	0	6547	South Boulevard	Grease
05/23/2006	800	800	Sugar Creek Little	0	1515	Harding Place	Debris
05/24/2006	25	12	Briar Creek	0	1326	Rutledge Avenue	Vandalism
05/25/2006	600	600	Mallard Creek	25	3416	Stonemarth Court	Debris
05/25/2006	150	30	McAlpine Creek	0	716	Mountainview Drive	Tree Roots
05/27/2006	2,700	2,000	Briar Creek	0	4239	Vinetta Court	Grease
05/29/2006	690	0	Irwin Creek	0	3511	Cypress Pond Drive	Grease
05/29/2006	2,260	2,260	Stoney Creek	0	2737	Forest Grove Court	Grease
05/29/2006	110	0	Irwin Creek Tributary	0	2621	Ashley Road	Grease
05/30/2006	300	300	Four Mile Creek	0	703	Selma Burke Lane	Tree Roots
TOTAL SPILLS 29	15,875	13,964					

June	Total Estimate	Volume Reaching Surface Water	Surface Water Name	# Fish Killed	Block	Street Name	Cause of Spill / Bypass
06/01/2006	18	0	Little Sugar Creek	0	100	Craighead Road (West)	Grease

06/01/2006	980	980	Irwin Creek Tributary	0	2112	McDonald Drive	Grease
06/01/2006	10	0	Briar Creek	0	4221	Foxford Place	Grease
06/03/2006	5,000	5,000	Coffey Creek	0	0	Rental Car & Josh Birmingham Parkway	Broken Pipe
06/04/2006	1,760	1,760	Neal Branch Tributary	0	12318	Autumn Blaze Drive	Debris
06/05/2006	450	450	Kennedy Branch	0	1920	St Johns Street	Tree Roots
06/08/2006	60	60	Taggart Creek Tributary	0	1400	Edgewood Road	Broken Pipe
06/08/2006	295	295	Irwin Creek Tributary	0	600	Kingston Avenue (West)	Grease
06/08/2006	550	550	Walker Branch	0	13211	Planters Row Drive	Grease
06/09/2006	231	231	Idlewild Brooke Creek	0	6023	Albemarle Road	Grease
06/10/2006	360	360	Irwin Creek Tributary	0	3965	Carlyle Drive	Grease
06/11/2006	2,070	2,070	Sugar Creek	0	8917	Windsong Drive	Grease
06/13/2006	250	250	Clear Creek	0	11203	Nevermore Way	Grease
06/13/2006	2,000	2,000	Four Mile Creek	0	3136	Shallowood Lane	Tree Roots
06/14/2006	150	150	Sugar Creek	0	3609	Griffith Street	Grease
06/15/2006	600	600	Irwin Creek	0	3966	Bristol Drive	Tree Roots

06/16/2006	400	400	McAlpine Creek Tributary	0	7800	Sardis Road	Grease
06/19/2006	270	270	Briar Creek	0	3031	Rodman Street	Grease
06/21/2006	160	160	Stewart Creek	0	1424	Berryhill Road	Grease
06/21/2006	5	5	Briar Creek	0	4700	Crestmont Drive	Broken Pipe
06/21/2006	140	140	Back Creek	0	9430	White Cedar Court	Tree Roots
06/22/2006	1,500	1,500	Mallard Creek Tributary	0	11855	Tryon (North) Street	Tree Roots
06/27/2006	50	50	McAlpine Creek	0	5714	Ryder Avenue	Tree Roots
06/27/2006	300	300	Walker Branch	0	13110	Moss Road	Grease
06/28/2006	200	200	Briar Creek	0	225	Altondale Avenue	Debris
06/28/2006	282	282	Briar Creek Tributary	0	2032	Sablewood Drive	Debris
06/29/2006	50	0	Kings Branch	0	315	Hebron Street (West)	Tree Roots
TOTAL SPILLS 27	18,141	18,063					

TOTAL # OF FY06 COLLECTION SYSTEM SPILLS: 370

TOTAL # OF FY06 PLANT SPILLS: 0

VOLUME SAFELY COLLECTED, TREATED & DISCHARGED: 29,312,670,000 GALLONS

TOTAL VOLUME OF FY06 SPILLED: 329,038 GALLONS

TOTAL VOLUME OF FY06 THAT REACHED SURFACE WATERS: 304,958 GALLONS

% OF WASTEWATER SAFELY COLLECTED, TREATED AND RELEASED DURING
FY06: more than 99.9988%
FY05: more than 99.993%
FY04: more than 99.997%
FY03: more than 99.932%
FY02: more than 99.995%

SECTION IIB. Permit Compliance and Reporting Violations, by plant

Irwin Creek WWTP -- NPDES Permit #NC0024945

MONTH	PERMIT LIMIT COMPLIANCE	REPORTING REQUIREMENT COMPLIANCE
	Permit Limit Violations	Reporting Requirement Violations
July, 2005	None	None
August, 2005	None	None
September, 2005	None	None
October, 2005	None	None
November, 2005	The weekly average limit for copper was violated every week in November and the daily maximum limit for copper was violated on four (4) days. An investigation to locate the source of the copper that was causing the violations was started as soon as the violations were noted.	None
December, 2005	The weekly average limit for copper was violated in the first and third weeks of the month. The daily maximum limit was in compliance this month. An investigation as to the source of the copper was continuing through this time and the copper concentration coming into the plant was dropping.	None

January, 2006	In the last week of January the weekly average copper limit was exceeded again. The daily maximum limit for copper was met all month. When the copper started in the influent of the treatment plant started going back up, increased investigation was started, the hours of operation at the septage receival station were reduced and every tank of septage was sampled. All of the SIU's into the plant had been investigated and the source of the copper had still not been found.	None
February, 2006	The weekly average limit for copper was exceeded the last three weeks of February. The daily maximum for copper was in compliance all month. By the end of February an in depth investigation involving all of the personel in the pretreatment program was started. This investigation started with the mapping section in Charlotte Mecklenburg Utlities Engineering Division developing detailed maps of the sewer collection system through out the Irwin Creek Basin, and also included the Field Operations Division with help in locating and sampling throughout a colletion system consisting of 354 miles of sewer lines.	None
March, 2006	The effluent copper limit weekly average was exceeded in three of the four weeks in the month of March. The copper daily maximum limit was exceeded on four of the six days copper was sampled. During this month the copper level into the plant increased and the sampling through the trunkline of the system was increased significantly and very rapid turn around times (TAT's) were initiated by our in-house lab to the facilitate moving through out the system and determining where the copper was coming from. The discharge was not daily, but the Sytem Protection personnel were able to find the source. System Protection went to the facility with the Charlotte Mecklenburg Police Department on 3/31/06 and issued a cease and desist order to the company that was discharging the copper and their sewer connection was disconnected. After 4/1/06 the influent level for copper started dropping significantly and has returned back to normal and no further violations of the copper limit have occurred.	None
April, 2006	On 4/1/06 the copper daily maximum was exceeded. This is the last copper violation that occurred at Irwin Creek WWTP. Please see the note for March, 2006 about the resolution of the copper issue at Irwin Creek WWTP.	None
May, 2006	None	None

June, 2006	The fecal coliform daily maximum limit was exceeded on 6/13, 6/14 and 6/15 this month. The limit was exceeded due to a faulty PLC. This was replaced.	None
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Mallard Creek WRF -- NPDES Permit #NC0030210

MONTH	PERMIT LIMIT COMPLIANCE	REPORTING REQUIREMENT COMPLIANCE
July, 2005	None	None
August, 2005	None	None
September, 2005	None	None
October, 2005	None	None
November, 2005	None	None
December, 2005	None	None
January, 2006	None	None
February, 2006	None	None
March, 2006	None	None
April, 2006	None	None
May, 2006	None	None
June, 2006	None	None

McAlpine Creek WWTF -- NPDES Permit #NC0024970

MONTH	PERMIT LIMIT COMPLIANCE	REPORTING REQUIREMENT COMPLIANCE
July, 2005	The facility was in non-compliance with the monthly average cBOD limit of 4.0 mg/l. The average for the month was 4.4 mg/l. The cause for the violation is not known.	None
August, 2005	None	None
September, 2005	None	None
October, 2005	None	None

November, 2005	None	None
December, 2005	None	None
January, 2006	None	None
February, 2006	None	None
March, 2006	None	None
April, 2006	None	None
May, 2006	None	None
June, 2006	None	None

McDowell Creek WWTP -- NPDES Permit #NC0036277

MONTH	PERMIT LIMIT COMPLIANCE	REPORTING REQUIREMENT COMPLIANCE
July, 2005	None	None
August, 2005	None	None
September, 2005	None	None
October, 2005	None	The TKN sample that was collected downstream of the plant in McDowell Creek was not analyzed within the required holding time.
November, 2005	None	None
December, 2005	None	None
January, 2006	None	None
February, 2006	None	
March, 2006	None	None
April, 2006	None	None
May, 2006	None	None
June, 2006	None	None

Sugar Creek WWTP -- NPDES Permit #NC0024937

MONTH	PERMIT LIMIT COMPLIANCE	REPORTING REQUIREMENT COMPLIANCE
July, 2005	None	None
August, 2005	None	None
September, 2005	None	None
October, 2005	None	None
November, 2005	None	None
December, 2005	The fecal coliform result for December 14th was 2,400 cfu/100 ml. This exceeded the daily maximum fecal coliform limit of 1,000 cfu/100 ml. This occurred due the the UV unit shutting down approximately 10 minutes before the sample was collected due to a faulty water level sensor. The sensor was replaced and system was in the process of being re-started when the sample was collected.	None
January, 2006	None	None
February, 2006	Sugar Creek WWTP failed the quarterly toxicity sample with cerio daphnia in February at 78.3%. The permit limit requirement is to pass at 90% or higher. The same time the toxicity sample was collected for cerio daphnia another sample was collected to test the toxicity on flat head minnows. This test passed at 100% of the effluent. Subsequent toxicity tests for cerio daphnia were collected in the next three months and all of the samples passed at 100%. We were not able to determine why the original sample failed.	None

March, 2006	There was an inadvertent release of sodium hypochlorite into the activated sludge of the treatment plant. Due to this issue, the effluent became very turbid - inhibiting the UV disinfection unit. This resulted in a violation of the daily maximum limit for fecal coliform on 3/3/06.	None
April, 2006	None	None
May, 2006	None	None
June, 2006	None	None