

I. INTRODUCTION

The purpose of this manual is to set forth, in a single source, the policies, planning processes, design standards, materials and construction standards and details, and regulatory requirements that apply to facilities to be incorporated in the Charlotte-Mecklenburg Utility Department's water and sewer system. As changes are made to these policies, processes and standards, the manual will be revised and updated as needed to keep it current.

The manual will be distributed to those who request it upon payment of a one time fee of \$30.00. This fee is to cover production costs and the cost of revisions to keep the document current. A list of registered manual owners will be maintained in a computer file and updates/revisions will be automatically distributed to these registered owners at their address of record. It will be the responsibility of the registered manual owners to notify the Charlotte-Mecklenburg Utility Department, Contract Administration Section, of address changes.

The manual will be reviewed annually for updating, and more frequent updates/revisions will be made as significant changes or additions are made to the material covered.

REVISION LIST

REVISION #	DATE	PAGE NO.	DESCRIPTION OF REVISION
#1	3/7/94		Major revision to all sections
#2	7/27/95		Design of Sanitary Sewer, Permits

CMUD SYSTEM

The Charlotte Mecklenburg Utility Department, a department of the City of Charlotte, provides water and sanitary sewer service throughout Mecklenburg County, including the following cities and towns: Charlotte, Cornelieus, Davidson, Huntersville, Matthews, Mint Hill, and Pineville.

The CMUD System components and capabilites are approximately:

- 2,500 miles of water mains
- 2,500 miles of sanitary sewer lines
- 142,000 service connections
- 122 MGD water treatment capacity
- 79 MGD sanitary sewer treatment capacity

DIRECTORY OF CMUD OFFICES AND FACILITIES

OFFICES

Administrative Headquarters: 5100 Brookshire Blvd. 399-2221

Engineering Division: 5100 Brookshire Blvd. 399-2221 System Protection Division: 5100 Brookshire Blvd. 394-9284 Water Distribution Division: 2035 Patton Ave. 336-2564 Customer Service Division: 2035 Patton Ave. 336-2564

Wastewater Collection Division: 4100 W. Tyvola Rd. 357-6064

RAW WATER PUMP STATIONS

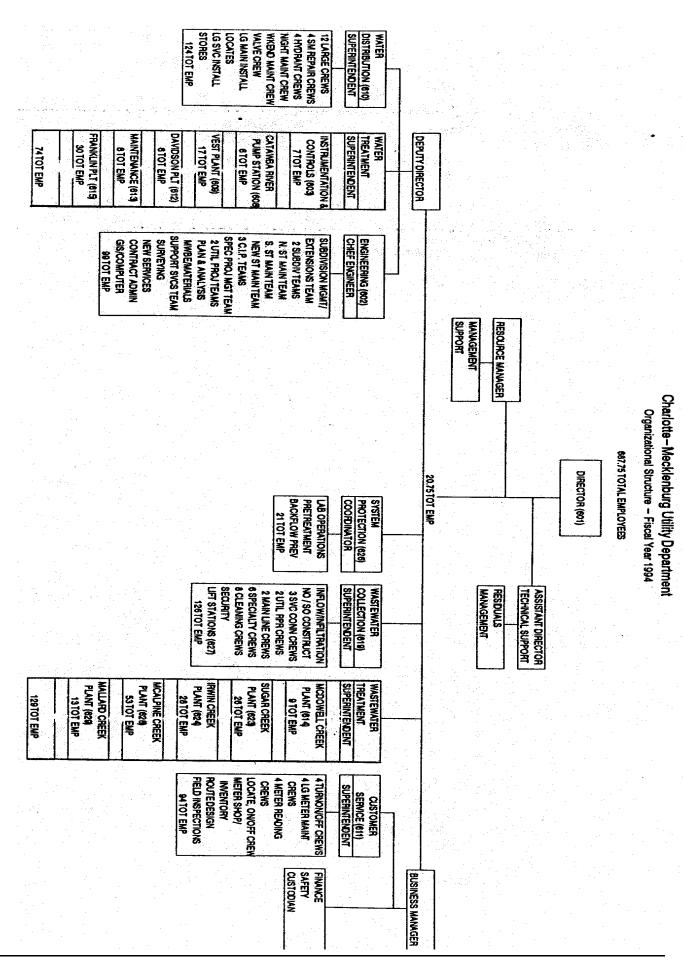
Catawba River Pump Station: End of S.R. 2002 off Mt. Holly-Huntersville Rd. 399-2331 Davidson Raw Water Pump Station: End of Torrence Chapel Rd.

WATER TREATMENT PLANTS

Franklin Water Treatment Plant: 5200 Brookshire Blvd. (96 MGD) 399-2426 Vest Water Treatment Plant: 820 Beatties Ford Rd. (24.8 MGD) 336-2090 Davidson Water Treatment Plant: 310 Walnut St., Davidson (1.2 MGD) 892-4220

WASTEWATER TREATMENT PLANTS

Irwin Creek WWTP: off Billy Graham Pkwy. at end of SR 1287 (15 MGD) 357-1344 Mallard Creek WWTP: on Mallard Creek off N. Hwy 29 (6 MGD) 547-0680 McAlpine Creek WWTP: Hwy 521 1 mile South of Pineville (40 MGD) 542-0736 McDowell Creek WWTP: Intersection of McDowell Creek and Neck Rd. (3MGD) 875-6443 Sugar Creek WWTP: 5301 Closeburn Rd. (15 MGD) 553-2124



UTILITY CONTACT LIST

Fort Mill, SC 29715

Charlotte-Mecklenburg Utility Department 5100 Brookshire Boulevard Charlotte, NC 28216 Administration/Industrial Waste Division Engineering/Planning Division Water Distribution Division Customer Service Division Wastewater Collection Division Water Treatment Division Wastewater Treatment Division	399-2551 399-2551 336-2564 336-2564 357-6064 399-2426 399-2221
Duke Power Company 6325 Wilkinson Boulevard Charlotte, NC 28214	382-5547
AT&T 900 Franklin Avenue Charlotte, NC 28206	335-2873
Southern Bell Telephone 4100 Southstream Boulevard P.O. Box 30188 Charlotte, NC 28230 South, Southwest Area CBD, North, Northwest Area East, Southeast	357-9549 357-9560 357-9579
Piedmont Natural Gas Company P.O. Box 33068 Charlotte, NC 28233	525-5585
Cablevision of Charlotte P.O. Box 34614 Morehead Street Charlotte, NC 28205	377-2228, Ext. 311
Vision Cable of Charlotte 4606 Margaret Wallace Road Matthews, NC 28105	545-0136
Alltel Carolina, Inc. Engineering Department P.O. Box 428 Matthews, NC 28106-0428	845-7644
MCI Telecommunications Corporation 377 Carowinds Boulevard	1-800-288-6295

IMPORTANT TELEPHONE NUMBERS

Ambula Atlanta CHEM CMUD CMUD	911 1-800-848-6946 1-800-424-9300 391-5160 391-5061 581-1978	
Emergency Management Office		000 0440
Civil Defense/Civil Preparedness		336-2412
24-hour (County Police) 24-hour (Fire Communications)		336-3333
	336-2441	
	336-2578	
Emerge	336-4470	
Console.	336-4471	
Employ	336-2792	
Enviror	1-800-424-8802	
Fire De	911	
	epartment - Hazardous Materials	336-2461
	orporation (Hydrogen Peroxide)	554-1551
HOSPI	Carolinas Medical Center	255 2000
		355-2000 355-2171
	Carolinas Medical Center Emergency Dept	
	Mercy Hospital Emergency Dept	379-5000 379-5917
	Mercy Hospital South	543-2000
	Mercy Hospital South Urgant Care Center	542-6544
Mercy Hospital South Urgent Care Center		384-4000
	Presbyterian Hospital Presbyterian Hospital Emergency Dept	384-4160
University Hospital		548-6000
	548-5600	
lones (377-1571	
	Chemicals, Inc (Leaking Chlorine Cylinders) Inburg County Environmental Protection Department	
IVICORIC	Environmental Spills	336-5500
	(After hours call Fire Department or County Police)	
Meckle	nburg County Police	336-3333
	nburg County Police - Emergency	911
	Health Services - Emergency	358-2000
	Control Center (Mercy Hospital)	379-5827
	Department - Emergency	911
Public	336-2395	
Bill Guerrant		377-2838
	Beeper	336-9104
	Jeannine Clark	333-2975
State F	547-0042	
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SIAIE	AGENCIES - WATER	
	Division of Health Services, Raleigh	4 040 700 0070
	NC Department of Human Resources	1-919-733-2870
	Hazardous Waste Division, Raleigh Mooresville Regional Office	1-919-733-2178
	663-1699	
	FAX Dublic Water Supply Deleigh	663-6040
	Public Water Supply, Raleigh	1-919-733-2321

STATE AGENCIES - WASTEWATER

Division of Environmental Management, Raleigh

NC Dept of Environment, Health, & Natural Resources 1-919-733-5083 FAX 1-919-733-9919

Mooresville Regional Office 663-1699 FAX 663-6040

Division of Radiation Protection

NC Dept of Environment, Health, & Natural Resources 1-919-571-4141 FAX 1-919-571-4148

STATE AGENCIES - TRANSPORTATION

Division Office, Charlotte 596-6900

District Office, Albemarle 1-704-982-0101

State Offices, Raleigh

Design Services 1-919-250-4128 Right-of-way 1-919-733-4420