

# ***SEWER LINE MAINTENANCE***

***MAINTAINS APPROXIMATELY 500  
MILES OF SEWER LINES***

***RESPONDS TO SEWER  
EMERGENCIES 24-HOURS A DAY***

***RESPONDS TO ALL DEPARTMENT  
AFTER HOURS EMERGENCIES***

# ***SEWER LINE MAINTENANCE***

Director of Public Services  
*Ken Fischer*

Maintenance

(16.25) Employees

# ***SEWER LINE MAINTENANCE***

ACCOUNT NUMBER: 132-431

FUND: SEWER LN. MAINT

## ***ABOUT THE DIVISION***

Under the direction of the Public Services, Director this section is responsible for maintaining approximately 500 miles of sewer mains through the use of hydro-jetting equipment. Sewer lines are cleaned on varying schedules. Depending on the location and the usage, the sewer mains are cleaned from weekly to every several years. Sewer crews are available 24 hours per day to handle emergencies.

<b><i>EXPENDITURES BY CATEGORY</i></b>				
<b>CATEGORY</b>	<b>2005-06 ACTUAL</b>	<b>2006-07 ACTUAL</b>	<b>2007-08 PROJECTED</b>	<b>2008-09 ADOPTED</b>
PERSONNEL	816,829	822,745	1,020,905	1,119,900
MAINTENANCE & OPERATION	142,107	229,162	233,679	298,300
CONTRACTUAL SERVICES	893,258	712,324	1,429,548	826,200
INTERNAL SERVICE	280,972	278,240	415,629	496,200
CAPITAL OUTLAY	249,856	179,582	740,968	340,000
DEBT SERVICE	0	0	0	0
<b>TOTAL</b>	<b>2,383,022</b>	<b>2,222,052</b>	<b>3,840,729</b>	<b>3,080,600</b>

# ***SEWER MAINTENANCE***

## ***2007-08 KEY ACCOMPLISHMENTS***

- ✓ Video camera 10% of City's sewer system for inventory.
- ✓ Implemented a sewer line manhole assessment program.
- ✓ Cleaned all of the drainage systems to comply with the storm water permit.
- ✓ Staff attended a SSMP Workshop in order to implement the Sewer System Management Plan or (SSMP).

## ***2008-09 KEY GOALS***

- Mark and inventory all storm drain systems.
- Video camera 20% of city sewer system for inventory.
- Implement sewer line manhole repair program.
- Implement contractual services for the maintenance and repair of the City's 12 sewer lift stations.
- Implement an emergency response-monitoring program to reduce sewer response call times and claims.
- Complete all Sewer System Management Plan (SSMP) requirements that are due in FY 08-09.

## ***DID YOU KNOW?***

- The SSMP is a document that describes the activities that our City uses to manage our wastewater collection system.
- The main cause of most sewer line backups is a result of resident's pouring grease down the drain instead of placing it in a container and then in the city's black refuse can.
- Sanitary sewer overflows (SSOs) are overflows from collection systems of domestic wastewater, as well as industrial and commercial wastewater. SSOs often contain high levels of toxins, grease and other pollutants.
- The major causes of SSOs include grease blockages, root blockages, sewer line floor damage, manhole structure failure, vandalism, and debris blockages.
- Many SSOs are preventable with adequate and appropriate source control measures and operation and maintenance of the sanitary sewer system.

**EXPENDITURE BUDGET LINE ITEM DETAIL**  
**FISCAL YEAR 2008-2009**

**FUND 132 SEWER LINE MAINTENANCE FUND**

**DIVISION 431 SEWER LINE MAINTENANCE**

ACCOUNT OBJECT & TITLE	ACTUAL 2005-06	ACTUAL 2006-07	PROJECTED 2007-08	ADOPTED 2008-09
5011 SALARIES PERM/FULLTIME	524,797	522,026	660,659	725,400
5013 AUTOMOBILE ALLOWANCE	1,463	2,775	3,375	3,600
5014 SALARIES TEMP/PARTTIME	0	4,005	0	0
5015 OVERTIME	133,615	129,829	125,954	123,000
5018 VACATION PAY	3,012	1,448	791	0
5026 PERS RETIREMENT	78,995	83,595	132,118	155,400
5027 HEALTH & LIFE INSURANCE	68,058	72,151	87,833	100,100
5028 UNEMPLOYMENT INSURANCE	1,751	1,688	2,107	1,800
5029 MEDICARE	5,138	5,227	8,068	10,600
<b>TOTAL PERSONNEL SERVICES</b>	<b>816,829</b>	<b>822,745</b>	<b>1,020,905</b>	<b>1,119,900</b>
5111 MATERIALS & SUPPLIES	36,729	123,824	103,128	187,800
5112 SMALL TOOLS & EQUIPMENT	18,447	7,055	9,667	10,000
5122 DUES & SUBSCRIPTIONS	371	643	690	500
5132 MEETINGS & CONFERENCES	1,897	2,702	4,423	1,500
5133 EDUCATION & TRAINING	114	3,194	3,694	4,000
5171 RENTALS	3,251	4,964	7,964	8,500
5172 EQUIPMENT MAINTENANCE	269	0	590	5,000
5173 OUTSIDE VEHICLE MAINTENANCE	0	0	22,490	0
5174 PRINTING CHARGES	29	5,685	33	0
5175 POSTAGE	0	95	0	0
5188 CITY IN-HOUSE SERVICES	81,000	81,000	81,000	81,000
<b>TOTAL MAINTENANCE &amp; OPERATION</b>	<b>142,107</b>	<b>229,162</b>	<b>233,679</b>	<b>298,300</b>
5502 PROFESSIONAL/CONTRACTUAL SVCS	65,959	85,677	236,908	531,200
5504 CONSTRUCTION	0	365	1,004,946	0
5505 OTHER PROFESSIONAL SERVICES	827,298	626,282	187,694	295,000
<b>TOTAL CONTRACTUAL SERVICES</b>	<b>893,258</b>	<b>712,324</b>	<b>1,429,548</b>	<b>826,200</b>
5601 GARAGE CHARGES	48,420	50,031	159,924	261,200
5602 WORKERS COMPENSATION	23,100	19,900	19,900	23,000
5603 LIABILITY	145,700	145,700	127,900	127,200
5604 M.I.S. CHARGES - IN-HOUSE	7,600	7,500	15,900	7,200
5605 TELEPHONE SUPPORT	1,641	1,542	2,221	2,000
5610 COMMUNICATION SHOP	4,100	4,700	7,300	5,300
5612 FLEET CHGS - FUEL	50,411	48,867	82,484	70,300
<b>TOTAL INTERNAL SERVICE CHARGES</b>	<b>280,972</b>	<b>278,240</b>	<b>415,629</b>	<b>496,200</b>
5701 MOTOR VEHICLES	74,233	68,259	597,617	0
5702 COMPUTER EQUIPMENT	2,603	11,556	0	0
5703 COMMUNICATIONS EQUIPMENT	3,672	0	22,646	0
5704 MISCELLANEOUS EQUIPMENT	169,348	99,767	19,292	340,000
5720 LAND	0	0	101,412	0
<b>TOTAL CAPITAL OUTLAY</b>	<b>249,856</b>	<b>179,582</b>	<b>740,968</b>	<b>340,000</b>
<b>TOTAL</b>	<b>2,383,022</b>	<b>2,222,052</b>	<b>3,840,729</b>	<b>3,080,600</b>

# BUDGET - JUSTIFICATION

## 431 SEWER LINE MAINTENANCE

## 132 SEWER LINE MAINTENANCE FUND

### OBJ JUSTIFICATION

5015 OVERTIME

5111 SEWER PIPE, MANHOLE RINGS AND COVERS, SEWER CLEANING HOSES, CHEMICAL GREASE CLEANERS, SEWER DEODORIZERS, DISINFECTANTS AND VECTOR CONTROL, SAFETY EQUIPMENT FOR EMPLOYEES, BATTERIES FOR COMMUNICATION RADIOS AND HOME DEPOT SUPPLIES.

5112 HAND TOOLS, HYDRAULIC SEWER CLEANING TOOLS, SEWER VIDEO EQUIPMENT AND SAFETY EQUIPMENT.

5122 WASTE WATER MAINTENANCE ASSOCIATION DUES.

5132 TRI-STATE SEMINAR

5133 CONFINED SPACE TRAINING, SEWER MAINTENANCE TRAINING, AND TRAFFIC CONTROL TRAINING.

5171 UNIFORM AND EMERGENCY PUMPS RENTAL FEES.

5172 EQUIPMENT MAINTENANCE

5188 CHARGES FOR PUBLIC WORKS STAFF TIME ON MAINTENANCE OF SEWER LIFT STATIONS

5502 SEWER LATERAL MAINTENANCE, REPAIRS TO SEWER MAIN LINE, CONTRACT EMERGENCY SEWER CLEANING AND REPAIRS, STATE WATER RESOURCES CONTROL BOARD, IWORO SYSTEMS, VIDEO CAMERA SEWER LINES, ADJUST MANHOLES TO GRADE, VECTOR CONTROL, MANHOLE INSECT CONTROL AND FOX OCCUPATIONAL MEDICAL SERVICES.

5505 LIFT STATION MAINTENANCE SERVICES

5601 CHARGES FROM CITY'S FLEET DIVISION (INCLUDING STAFF TIME AND OVERHEAD) RELATED TO THE MAINTENANCE AND OPERATION OF MOTOR VEHICLES ASSIGNED TO THIS DEPARTMENT. (CHARGE-BACKS BASED ON ACTUAL COSTS INCURRED.)

5602 THE PORTION OF THE CITY'S TOTAL WORKER'S COMPENSATION COSTS (INCLUDING STAFF TIME) RELATED TO THIS FUND BASED ON LOSS HISTORY AND INDUSTRY STANDARDS.

5603 THE PORTION OF THE CITY'S TOTAL COSTS (INCLUDING STAFF TIME AND OVERHEAD) FOR RISK MANAGEMENT, LIABILITY INSURANCE PREMIUMS, PROPERTY INSURANCE PREMIUMS AND LIABILITY COSTS RELATED TO THIS FUND. BASED ON LOSS HISTORY AND INDUSTRY STANDARDS.

5604 THE PORTION OF THE CITY'S TOTAL INFORMATION TECHNOLOGY SERVICES COSTS (INCLUDING STAFF TIME) RELATED TO THIS DEPARTMENT. CHARGES ARE BASED ON TYPE OF EQUIPMENT, SOFTWARE AND SUPPORT UTILIZED BY DEPARTMENT.

5605 CHARGES FROM THE CITY'S TELECOMMUNICATIONS DIVISION (INCLUDING STAFF TIME AND OVERHEAD) RELATED TO THIS DIVISION'S TELECOMMUNICATIONS COSTS (CHARGE-BACKS BASED ON ACTUAL COSTS INCURRED).

5610 THE PORTION OF THE CITY'S OVERALL RADIO COMMUNICATIONS COSTS (INCLUDING OVERHEAD AND STAFF TIME) RELATED TO THIS DEPARTMENT'S OPERATIONS.

5612 CHARGES FROM THE CITY'S FLEET DIVISION (INCLUDING STAFF TIME AND OVERHEAD) FOR FUEL COSTS RELATED TO MOTOR VEHICLES IN THIS DIVISION (CHARGE-BACKS BASED ON ACTUAL COSTS INCURRED).

5704 REPLACE BACK HOE, REBODY VACTOR TRUCK VEHICLE NUMBER 444 AND PURCHASE BACK UP PUMPS FOR LIFT THE STATIONS.