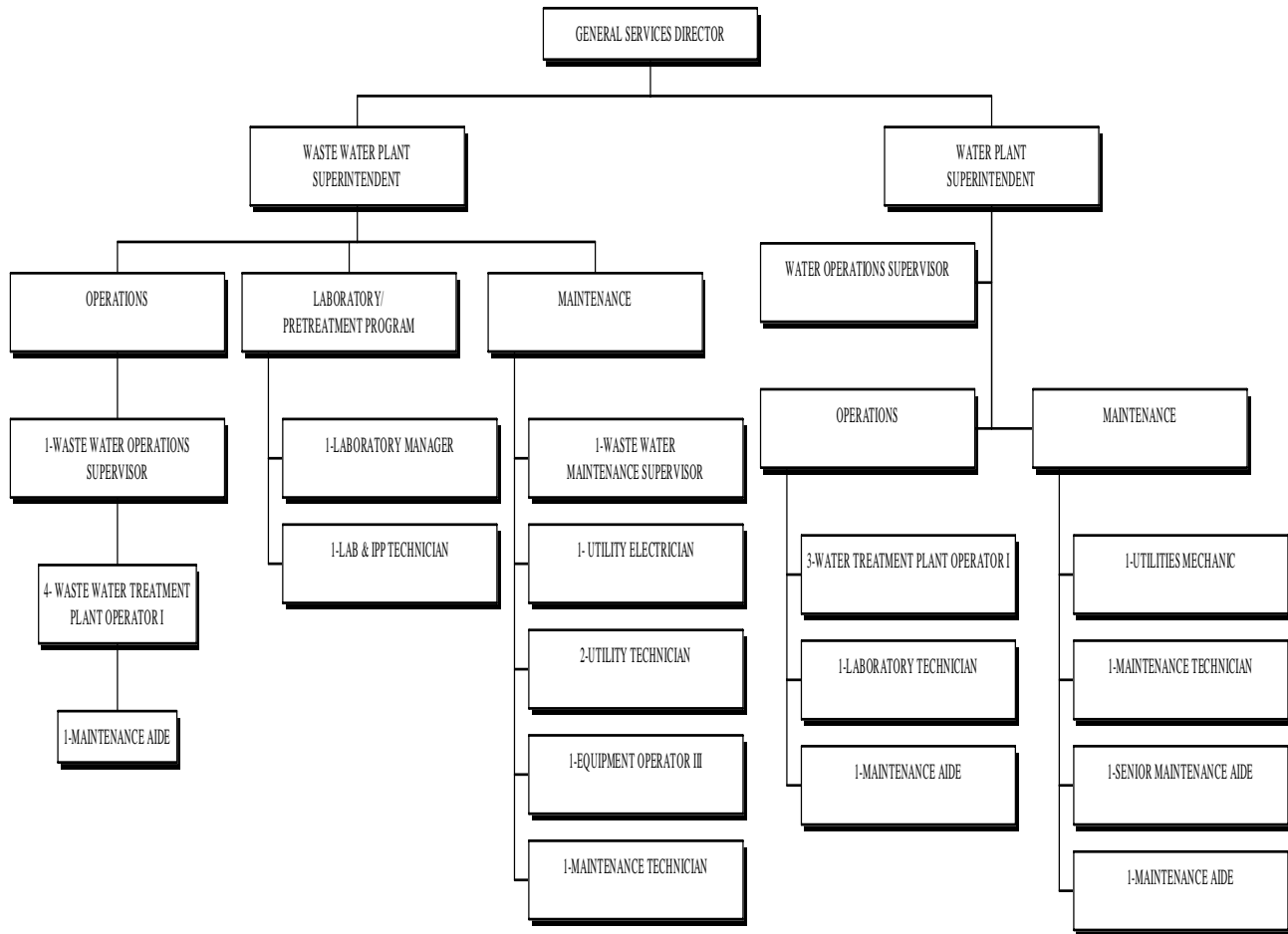


GENERAL SERVICES WATER & SEWER

GENERAL SERVICES DEPARTMENT
WATER AND SEWER PLANTS



GENERAL SERVICES WATER & SEWER**BUDGET DETAIL**

<u>POSITION TITLE</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Water Plant Superintendent	1.0	1.0	1.0	1.0
Utilities Mechanic	1.0	1.0	1.0	1.0
Laboratory Technician	1.0	1.0	1.0	1.0
Water Plant Operator I	3.0	3.0	3.0	1.0
Water Operation Supervisor	1.0	1.0	1.0	1.0
Maintenance Technician	1.0	1.0	1.0	1.0
Senior Maintenance Aide	1.0	1.0	1.0	1.0
Maintenance Aide (Water)	2.0	2.0	2.0	2.0
Wastewater Plant Superintendent	1.0	1.0	1.0	1.0
Laboratory Manager	1.0	1.0	1.0	1.0
Utility Electrician	1.0	1.0	1.0	1.0
Lab & IPP Technician*	1.0	1.0	1.0	1.0
Wastewater Plant Operator I	4.0	4.0	4.0	4.0
Maintenance Technician	1.0	1.0	1.0	1.0
Equipment Operator III	1.0	1.0	1.0	1.0
Maintenance Aide (Waste Water)	1.0	1.0	1.0	1.0
Utility Technician	2.0	2.0	2.0	2.0
Wastewater Maintenance Supervisor	1.0	1.0	1.0	1.0
Waste Water Operations Supervisor	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>
Total	26.0	26.0	26.0	26.0

* Title change from Field Technician to Lab & IPP Technician due to recent classification and compensation study.

PROGRAM HIGHLIGHTS GENERAL SERVICES WATER & SEWER

<u>SERVICE INDICATOR</u>	<u>Actual</u> <u>2007</u>	<u>Actual</u> <u>2008</u>	<u>Estimate</u> <u>2009</u>	<u>Projected</u> <u>2010</u>
1. Water Production (MGD)	5.00			
2. Wastewater Processed CWWTP (MGD)	4.70	4.73	4.70	4.70
3. Wastewater Processed PWWTP (MGD)	0.59	0.61	0.62	0.60
4. IPP Industries Monitored	62	68	75	75
5. IPP Industries in non-compliance	0	0	0	0
6. Concord Septage Processed (MG)	0.32	0.32	0.40	0.25
7. Out of Town Septage Processed (MG)	1.39	1.81	2.20	1.75
8. Leachate Processed (MG)	4.66	3.44	4.36	3.0
9. Contracted Sludge Processed	0.77	0.52	0.90	0.50
10. Hall Street Odor Complaints	14	123*	6	6
11. Class A Biosolids produced (wet tons)	240	0	0	6375
12. Class B Biosolids produced (wet tons)	7027	7868	8300	2125
13. Penacook Odor Complaints	0	0	0	0

*This data point includes a log of 112 complaints submitted in August 2007 by Peg Bastien, NHDES. The period of the log ran from 2/06 through 8/07.

2010 GOALS

Wastewater:

1. Experience no exceedances of NPDES permit requirements.
2. Complete construction project to refurbish one bio-cell at the Hall Street Wastewater Treatment Plant.
3. Complete replacement of one influent screw pump at the Hall Street Wastewater Treatment Plant.
4. Complete replacement of underground high voltage electrical lines at the Hall Street Wastewater Treatment Plant.
5. Complete construction of sludge conveyor upgrade project at the Hall Street Wastewater Treatment Plant.
6. Complete next phase of SCADA system improvements at the Hall Street Wastewater Treatment Plant.
7. Continue development of the Wastewater Division Computer Maintenance Management System. Update equipment lists and associated maintenance tasks as new equipment is installed. Evaluate additional modules for future system upgrades.
8. Continue Penacook Infiltration/Inflow abatement project.
9. Complete reapplication process for Hall Street Wastewater Treatment Plant NPDES permit.
10. Continue to aggressively monitor and control energy consumption at all wastewater facilities.
11. Renew leachate treatment agreement with New England Waste Services, Inc.
12. Evaluate expansion of the Industrial Pretreatment Program to incorporate permitting of restaurant facilities.
13. Evaluate re-adoption of Recreational Vehicle waste discharge fees.

Water:

1. Do not exceed the MCL limit level(s) of the Safe Drinking Water Act requirements.
2. Complete Phase III of the Water Master Plan, which is an assessment of the water distribution and storage systems.
3. Complete the capital project to repair the concrete in the sedimentation basin and equipment as recommended in the Water Master Plan, Phase II.
4. Accomplish the conditions of the Federal ARRA funding requirements to replace the water filter wash water pumps as recommended in the Water Master Plan, Phase II. Funding to provide 50% principal forgiveness of the City's debt.
5. Continue the upgrades to the Water Treatment Plant SCADA system for better control and operation of the

GENERAL SERVICES WATER & SEWER PROGRAM HIGHLIGHTS

water pump station and water plant.

6. Completion of the Broad Cove Drive, Pump Station generator up grades as an alternative to a permanent power source from the local utility that has proven to be too costly. Upgrade as recommended in the Broad Cove Drive, Pump Station Condition Assessment Report.
7. Pursue improvements to the security features at the multiple facilities as funding from the State and Federal governments provides.
8. Continue development of the computerized maintenance management system for the water treatment plant and pumping stations.
9. Continue the upgrades to the Water Treatment Plant SCADA system for better control and operation of the water pump station and water plant.

2009 GOALS STATUS

Wastewater:

1. Do not exceed any NPDES limit requirements.
9-Month Status: There have been no NPDES permit violations at either of the City's wastewater treatment facilities.
2. Complete construction of Phase I Odor Control Improvements for the Hall Street Wastewater Treatment Plant solids processing areas.
9-Month Status: Construction is underway with projected substantial completion by June 2009.
3. Complete construction of Phase II SCADA improvements at the Hall Street Wastewater Treatment Plant.
9-Month Status: Construction is underway with projected substantial completion by May 2009.
4. Complete construction of Phase II of the upgrades to the headworks area of the Hall Street Wastewater Treatment Plant.
9-Month Status: Construction reached substantial completion in March 2009; final project punch lists are being addressed by the contractor and engineer.
5. Initiate project to refurbish one bio-cell at the Hall Street Wastewater Treatment Plant and proceed with the design of the improvements.
9-Month Status: Design engineering of improvements is ongoing; 90% plan submittal has been submitted and reviewed by the City and the NH Department of Environmental Services. Project is scheduled to bid in July 2009.
6. Initiate project to replace one influent screw pump at the Hall Street Wastewater Treatment Plant.
9-Month Status: Design engineering of improvements is nearly complete. Potential for inclusion of construction under existing headworks improvements project, as a project change order, is being evaluated. Contractor is currently preparing a cost estimate of the work.
7. Complete project to implement final repair and modification to the SBR effluent pipeline at the Penacook Wastewater Treatment Plant.
9-Month Status: Construction of a new weir vault is complete and is operating.
8. Complete replacement of the underground high voltage electric lines at the Hall Street Wastewater Treatment Plant.

PROGRAM HIGHLIGHTS GENERAL SERVICES WATER & SEWER

9-Month Status: Contract with Utility Service & Assistance, Inc. has been successfully executed. Initial project coordination meetings have taken place and the work plan is being developed. Active site work is anticipated to begin in May 2009.

9. Complete replacement of security fences at both Mt. Green pump stations.
9-Month Status: Construction of both enclosures is complete.
10. Continue development of the computerized maintenance management system for wastewater treatment facilities. Complete identification and entry of Penacook Wastewater Treatment Plant and pump station equipment and associated preventive maintenance tasks.
9-Month Status: Tasks for this phase of the program are complete. Equipment lists have been updated and preventative maintenance tasks continue to be reviewed and updated as time allows. New equipment associated with recent upgrades is being entered into the system as it is placed in service.
11. Continue to participate in the Penacook Infiltration/Inflow Evaluation as it relates to NPDES permit requirements.
9-Month Status: Continuing to participate in project as required. Consultant has completed overall I/I evaluation and final report, which included a 2-month flow monitoring study.

Water:

1. Do not exceed the MCL limit level(s) of the Safe Drinking Water Act requirements.
9-Month Status: There have been no violations of the Safe Drinking Water Act.
2. Phase III of the Water Master Plan which is an assessment of the water distribution and storage systems.
9-Month Status: Water system mapping has been transferred to the consultant for the commencement of the hydraulic analysis and calibration.
3. Initiate capital project to repair the concrete in the sedimentation basin and equipment as recommended in the Water Master Plan, Phase II.
9-Month Status: A consultant has been selected and it is anticipated that plans will be available for bidding by mid summer.
4. Replacement of the water filter wash water pumps as recommended in the Water Master Plan, Phase II.
9-Month Status: A consultant has been selected and it is anticipated that plans will be available for bidding by mid summer.
5. Initiate the refurbishment of the raw water pumps and high service pump #1 as recommended in the Water Master Plan, Phase II.
9-Month Status: A consultant has been selected and it is anticipated that plans will be available for bidding by mid summer.
6. Broad Cove Drive, Pump Station generator up grades as recommended in the Broad Cove Drive, Pump Station Condition Assessment Report.
9-Month Status: Generator repairs are complete. A firm has been hired to remove the underground fuel oil supply and replace with an above ground, environmentally compliant storage unit. Permitting and installation to be complete by mid summer.
7. Continue with improving security measures as funding from the State and Federal governments provides.
9-Month Status: No grant funding has been available to date.

GENERAL SERVICES WATER & SEWER PROGRAM HIGHLIGHTS

8. Continue development of the computerized maintenance management system for the water treatment plant and pumping stations.

9-Month Status: Staff has loaded a major portion of the data necessary to establish a preventative maintenance program.

ADDITIONAL 2009 ACCOMPLISHMENTS:

Wastewater

1. Successfully completed recruitment for two Wastewater Treatment Plant Operator vacancies created by retirements.
2. Successfully completed accelerated training program for newly hired Wastewater Treatment Plant Operators.
3. Maintenance staff completed installation of a new primary sludge pump at the Hall Street WWTP.
4. Maintenance staff completed a drive retrofit on an existing primary sludge pump at the Hall Street WWTP.
5. Maintenance staff completed a rebuild of one intermediate lift pump at the Hall Street WWTP.
6. Maintenance staff completed installation of a new utility water pump at the Penacook WWTP.
7. Worked with the Town of Bow to procure and install a new submersible lift pump at the White Rock Hill Pump Station.
8. Completed project to replace failed primary clarifier drain valve at the Hall Street WWTP.
9. Completed annual facility safety self-inspections.
10. Completed review and revision of WWTP Emergency Response Plan.
11. Actively participated in the General Services Department initiative to reduce fuel consumption by 5%.

Water

1. Successfully staffed the Water Treatment Plant on one shift.

BUDGET DETAIL**GENERAL SERVICES WATER & SEWER****UTILITY FUNDS ADMIN**

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
COMPENSATION	\$62,850	\$39,792	\$43,324	\$26,810	\$32,000	\$23,430
INSURANCES	\$0	\$59	\$501	\$360	\$420	\$320
RETIREE HEALTH BENEFITS	\$54,968	\$67,982	\$72,039	\$73,800	\$31,000	\$50,000
OVERHEAD\FRINGER BENEFITS	\$37,256	\$24,011	\$26,702	\$15,610	\$24,500	\$16,627
Total	\$155,075	\$131,843	\$142,567	\$116,580	\$87,920	\$90,377

BILLING OFFICE

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
COMPENSATION	\$31,062	\$47,358	\$45,622	\$59,160	\$48,350	\$71,550
OUTSIDE SERVICES	\$83,005	\$76,857	\$75,434	\$57,980	\$54,130	\$59,880
SUPPLIES	\$53,449	\$59,889	\$67,231	\$65,230	\$64,860	\$65,730
INSURANCES	\$0	\$70	\$537	\$790	\$570	\$720
OVERHEAD\FRINGER BENEFITS	\$18,412	\$26,903	\$27,281	\$36,770	\$30,190	\$55,383
Total	\$185,928	\$211,077	\$216,105	\$219,930	\$198,100	\$253,263

METER READING

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
COMPENSATION	\$18,138	\$18,917	\$20,931	\$28,000	\$20,470	\$25,000
EQUIPMENT	\$11,120	\$6,648	\$9,906	\$6,510	\$6,510	\$6,510
INSURANCES	\$0	\$86	\$648	\$690	\$580	\$540
OVERHEAD\FRINGER BENEFITS	\$11,156	\$11,766	\$13,503	\$18,790	\$14,210	\$18,245
Total	\$40,414	\$37,418	\$44,989	\$53,990	\$41,770	\$50,295

GENERAL SERVICES WATER & SEWER**BUDGET DETAIL****METER OPERATIONS**

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
COMPENSATION	\$183,195	\$189,109	\$190,157	\$201,100	\$195,390	\$218,130
OUTSIDE SERVICES	\$333	\$0	\$0	\$0	\$0	\$0
SUPPLIES	\$32,837	\$32,925	\$45,945	\$29,250	\$24,950	\$21,750
EQUIPMENT	\$42,877	\$31,598	\$36,068	\$21,920	\$21,920	\$21,920
INSURANCES	\$0	\$734	\$4,888	\$5,460	\$4,760	\$4,470
OVERHEAD\FRINGE BENEFITS	\$109,058	\$116,323	\$102,398	\$123,190	\$129,340	\$158,022
Total	\$368,300	\$370,690	\$379,456	\$380,920	\$376,360	\$424,292
				\$0		

VEHICLE COSTS

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
GASOLINE, DIESEL, OIL	\$47,642	\$44,427	\$67,894	\$81,590	\$81,590	\$62,400
REPAIR PARTS	\$28,704	\$34,849	\$30,417	\$36,000	\$35,900	\$36,000
VEHICLE REPAIR, OUTSIDE	\$3,585	\$10,450	\$7,150	\$6,600	\$13,500	\$6,600
VEH REPAIR SHOP CHARGE	\$71,890	\$55,777	\$41,485	\$40,000	\$46,000	\$45,000
VEHICLE CHARGES ALLOC	(\$176,201)	(\$193,498)	(\$208,225)	(\$201,990)	(\$183,350)	(\$156,360)
AUTO LIAB/COMPREHENSIVE	\$9,250	\$0	\$10,585	\$37,800	\$6,360	\$6,360
SHARE OF GENERAL FUND DEBT	\$32,910	\$32,910	\$0	\$0	\$0	\$0
Total	\$17,781	(\$15,084)	(\$50,695)	\$0	\$0	\$0

ALLOCATED TO UTILITY FUND

	2006 ACTUAL	2007 ACTUAL	2008 ACTUAL	2009 BUDGETED ENCUMBERED	2009 ESTIMATED	2010 FISCAL YEAR BUDGET
APPROPRIATIONS						
UTILITY ADMIN CHG ALLOCATED	(\$1,119,526)	(\$1,064,366)	(\$1,037,861)	(\$773,980)	(\$704,150)	(\$819,690)
Total	(\$1,119,526)	(\$1,064,366)	(\$1,037,861)	(\$773,980)	(\$704,150)	(\$819,690)