Weston & Sampson

712 Brook Street Suite 103 Rocky Hill, CT 06067
Tel 860 513 1473

City of Derby WPCA
Engineering Services
Monthly Engineering Report
April 15, 2026

2150155 Route 34 Sewer: CT DOT Project

- All main line piping installation complete. Punchlist items remain.

ENG20-0334 I/I Removal

- Phase 6: (I/I Removal): Project includes manhole repairs, lateral liner, and defects observed from staff during CMOM inspections.
- National Water Main Cleaning Co. awarded contract in the amount of $244,223.
- Construction began week of 9/22/25
- Received CTDOT permit to complete remaining MH work.
- Final inspection completed and punch list generated and forwarded to Contractor.

ENG23-3287 NPDES Permit Renewal

- Prepared CTDEEP NPDES Permit renewal application for the discharged from the WWTP. Application submitted to DEEP on 2/29/24. Approval process underway.

ENG24-1371 WWTP Aeration Blower

- Three (3) blowers installed and operational.
- Prepared and submitted grant application to the Connecticut Energy Efficiency Fund Energy Conscious Blueprint program for replacement of blowers. The estimated efficiency grant incentive is currently $135,000 based on three (3) turbo blowers. Awaiting 3rd party review of the application.
- Received comments regarding application and are addressing same.

ENG24-1372 Naugatuck River Siphon Area Restoration

- Design and permitting assistance to address exposed inverted siphon piping system.
- Working with FEMA to investigate sources of project funding.
- Funding making its way through the FEMA approval process. Responded to questions.
- Met with DOT and Metro North Railroad.
- Will need easement agreement to cross tracks and occupy land in parking lot.
- Soil scientist completed wetland report which will be submitted to DEEP and Local IWWC.
- Scheduling meeting with property owner.
- Working with attorney to develop access agreement

ENG24-1491 Wastewater Treatment Plant Upgrade

- 30% Design Preliminary Design drawings near completion
- Construction Sequencing of Plant Upgrades. Value Engineering Technical memo ongoing
- Updated Wastewater Treatment Design Computations
- CTDEEP will release final payment to the City's ACH account in the amount of $4,975.47.
- Published RFQ to retain the services of a Value Engineering Consultant.
- Interviews held on 4/1/26. Selection committed made a recommendation to award.
- Preparing documents for review by Value Engineering Consultant
- Meeting scheduled for 4/20/26 with DEEP to discuss permitting and flood design requirements

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City of Derby Water Pollution Control Authority
Monthly Report for the April 2026 Meeting

- Collection System (March 2025)
  - Responded to a total of 72 CBYD tickets with 3 emergency tickets.
  - Responded to a total of 3 emergency after hours call outs.

- Waste-Water Treatment Plant (March 2025)

  - Average Flow = 1.21 million gallons per day
  - Total Flow = 33.89 million gallons, Max Daily Flow = 1.45 million gallons per day
  - Average Total Nitrogen = 139 lbs./day, Permit Limit = 71 lbs./day (Annual Avg = 116/day)
  - Average Effluent BOD = 10.8 mg/l (permit <30 mg/l)
  - Average Suspended Solids = 7 mg/l (permit = 30 mg/l)
  - Average Turbidity = 5.8

- Maintenance
  - Repair made to aeration air supply pipe
  - Repaired secondary clarifier arm.
  - Rebuilt backflow preventor at RDPS
  - Replaced both tracks on skid steer
  - Repaired bar rack at RDPS

- General
  - Average % solids with new press 24.84%
  - Continuing to work with FEMA, DEEP, CTDOT, and Metro North for all proper permits for East Derby Siphon repair

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WPCA - 26-27 Preliminary Budget File

Account Code	Account Title	FY 23-24 Actuals	FY 24-25 Actuals	FY 25-26 Budget	Jan. 2026 YTD Actuals	FY 26-27 Budget	YOY Budget Variance
3000	Revenue						
44902	Sewer Use Interest & Lien Fees	$ 80,782	$ 103,409	$ 16,000	$ 8,423	$ 40,000	$ 24,000
41105	Prior Year Tax Collected	$ 314,158	$ 420,843	$ 500,000	$ 223,341	$ 350,000	$ (150,000)
41902	Prior Year Interest & Lien Fees	$ 50,211	$ 101,713	$ 130,000	$ 74,395	$ 100,000	$ (30,000)
44906	Ansonia Income	$ 14,229	$ 991	$ 23,000	$	$ -	$ (23,000)
44909	Orange Revenue	$ 85,648	$ 85,524	$ 85,377	$ 44,042	$ 85,000	$ (377)
44910	Residential Revenue	$ 1,718,192	$ 1,574,171	$ 1,700,000	$ 1,074,163	$ 1,700,000	$ -
44911	Commercial Revenue	$ 558,921	$ 565,619	$ 500,000	$ 240,924	$ 500,000	$ -
44912	Mixed Use Revenue	$ 89,654	$ 87,377	$ 85,000	$ 43,921	$ 85,000	$ -
44916	186 Derby Ave Repair Reimbursement	$ 1,545	$ 773	$ -	$ 1,545	$ 1,545	$ 1,545
44926	Impact Fee - New Sewer Connections	$ 483,180	$ 430,350	$ 210,000	$ 6,875	$ 10,000	$ (200,000)
44904	Other Revenue	$ 62,553	$ 9,929	$ -	$ 585	$ -	$ -
46101	Interest Earned	$ 248,318	$ 211,574	$ 230,000	$ 96,501	$ 150,000	$ (80,000)
Total Operating Revenues		$ 3,707,392	$ 3,592,271	$ 3,479,377	$ 1,814,715	$ 3,021,545	$ (457,832)
Capital Fees							
44914	Capital Fee Interest & Lien Fees	$ 11,958	$ 79,924	$ 13,000	$ 5,615	$ 40,000	$ 27,000
41903	Prior Year Interest & Lien Fees	$ 66,514	$ 77,032	$ -	$ 50,808	$ 75,000	$ 75,000
41108	Prior Year Capital Improvement Rev	$ 214,311	$ 297,592	$ -	$ 133,448	$ 200,000	$ 200,000
44917	Residential Capitol Improvement Rev	$ 1,226,104	$ 1,080,890	$ 1,100,000	$ 752,509	$ 1,100,000	$ -
44918	Commercial Capital Improvement Rev	$ 261,695	$ 369,504	$ 270,000	$ 156,117	$ 270,000	$ -
44919	Mixed Use Capital Improvements Rev	$ 31,128	$ 33,924	$ 33,000	$ 18,617	$ 33,000	$ -
Total Capital Fees		$ 1,811,710	$ 1,938,866	$ 1,416,000	$ 1,117,114	$ 1,718,000	$ 302,000
Total WPCA Revenues		$ 5,519,101	$ 5,531,137	$ 4,895,377	$ 2,931,830	$ 4,739,545	$ (155,832)

Dept. 8410	Water Pollution Control	FY 23-24 Actuals	FY 24-25 Actuals	FY 25-26 Budget	Jan. 2026 YTD Actuals	FY 26-27 Budget	YOY Budget Variance
51610	Regular	$ 673,842	$ 935,646	$ 961,145	$ 556,261	$ 993,327	$ (32,182)
51630	Overtime	$ 48,227	$ 60,356	$ 88,316	$ 39,876	$ 102,705	$ (14,389)
52200	Employer Share Social Security	$ 49,076	$ 49,065	$ 65,067	$ 31,351	$ 67,954	$ (2,887)
52205	Medicare	$ 11,477	$ 11,520	$ 15,217	$ 7,332	$ 15,892	$ (675)
52300	City Pension	$ 174,838	$ 137,575	$ 137,575	$ 137,575	$ 137,575	$ -
52700	Workers Compensation	$ 16,728	$ 280,099	$ 50,000	$ 14,541	$ 50,000	$ -
52906	Employees Health Benefits	$ 52,690	$ 330,603	$ 200,000	$ 82,271	$ 200,000	$ -
52907	Insurance	$ 29,891	$ 31,553	$ 33,000	$ -	$ 33,000	$ -
53020	Legal Services	$ 28,068	$ 780	$ 12,000	$ 200	$ 12,000	$ -
53202	Plant Instruction	$ 1,810	$ 3,423	$ 5,700	$ 1,979	$ 6,300	$ (600)
53310	Accounting/Bookkeepng	$ 8,091	$ 13,087	$ 8,000	$ 4,676	$ 8,000	$ -
53400	Engineering Services	$ 30,620	$ 58,134	$ 100,000	$ 4,600	$ 100,000	$ -
53480	Waste Water Facilities Plan Misc	$ 5,000	$ -		$ -	$ -	$ -
53495	Pump Station - Sanitary Sewer	$ 1,380	$ -			$ -	$ -
53500	Computer Service	$ 61,224	$ 29,399	$ 35,000	$ 26,643	$ 35,000	$ -
53515	Payroll Expense	$ 6,949	$ 4,064	$ 6,000	$ 3,219	$ 6,000	$ -
54302	Property/Plant Maintenance	$ 129,880	$ 126,401	$ 150,000	$ 67,539	$ 150,000	$ -
54325	Vehicle Maintenance	$ 11,983	$ 18,357	$ 20,000	$ 7,908	$ 20,000	$ -
54413	Sludge Disposal	$ 233,288	$ 252,884	$ 250,000	$ 99,009	$ 200,000	$ 50,000
54925	Pest Control	$ 751	$ 201	$ 1,000	$ 285	$ -	$ 1,000
54930	Collection System Maintenance	$ 100,623	$ 134,914	$ 100,000	$ 50,642	$ 100,000	$ -
54945	Pump Station Maintenance	$ 12,430	$ 10,403	$ 20,000	$ 7,143	$ 20,000	$ -
55001	Ansonia Expense	$ 14,728	$ 16,537	$ 15,000	$ 2,635	$ -	$ 15,000
55003	Griffen Hospital Expense	$ 36,199	$ 28,431	$ 36,200	$ 33,003	$ 36,200	$ -
55004	Town Clerk Expense	$ 2,193	$ -	$ -		$ -	$ -
55031	DEEP Fees	$ 3,018	$ 2,368	$ 6,000	$ 2,599	$ 6,000	$ -
55300	Telephones	$ 8,404	$ 9,501	$ 10,000	$ 7,143	$ 12,000	$ (2,000)
55301	Postage	$ 3,573	$ 2,250	$ 13,000	$	$ 13,000	$ -
55991	Expense Refunds	$ 797	$ 1,447	$ 3,100	$ 16,160	$ 15,000	$ (11,900)
55999	Camera Truck Lease Purchase	$ 83,193	$ 45,778		$ 23,903	$ 40,976	$ (40,976)
56010	Office Supplies	$ 393	$ -	$ 2,000	$ 5	$ 2,000	$ -
56025	Plant Supplies	$ 4,035	$ 8,190	$ 6,000	$ 3,473	$ 6,000	$ -
56050	Rags Grit Grease	$ 21,059	$ 18,941	$ 25,000	$	$ 25,000	$ -
56210	Yankee Gas	$ 10,677	$ 8,871	$ 15,000	$ 5,188	$ 15,000	$ -
56220	Electricity	$ 163,151	$ 181,041	$ 180,000	$ 90,526	$ 185,000	$ (5,000)
56908	Chemicals	$ 40,944	$ 56,587	$ 55,000	$ 40,282	$ 70,000	$ (15,000)
56909	Lab Supplies	$ 53,007	$ 58,765	$ 65,000	$ 35,561	$ 65,000	$ -
56911	Special Clothing	$ 8,359	$ 8,969	$ 9,000	$ 5,917	$ 9,000	$ -
58015	RWA & Aquarion Consumption	$ 9,465	$ 10,514	$ 15,000	$ 5,000	$ 15,000	$ -
58355	Bad Debt Reserve		$ 100,000				
58350	Capital Reserves	$ -	$ 200,000	$ 200,000		$ 200,000	$ -
Total Expenses 8410		$ 2,152,063	$ 3,246,653	$ 2,913,320	$ 1,414,445	$ 2,972,929	$ (59,609)
Operating Revenues Less Operating Expenses		$ 1,555,329	$ 345,618	$ 566,057	$ 400,270	$ 48,616	$ 517,442

Capital Account - Dept 8411		FY 23-24 Actuals	FY 24-25 Actuals	FY 25-26 Budget	Jan. 2026 YTD Actuals	FY 26-27 Budget	YOY Budget Variance
58355	Bond Capital Debt Service (Interest and Principal)	$ 1,493,794	$ 1,354,442	$ 1,252,825	$ 1,039,688	$ 1,419,725	$ (166,900)
54935	Collection System Rehabilitation	$ 114,476	$ 29,450	$ 275,000	$ 21,579	$ 275,000	$ -
55081	Phase I Plant Improvem-Construction	$ 582,315	$ 2,095,553	$ 1,853,000	$ 881,020	$ 1,500,000	$ 353,000
Total Expenses 8411		$ 2,190,584	$ 3,479,445	$ 3,380,825	$ 1,942,287	$ 3,194,725	$ 186,100
Capital Fees less Capital Expenses		$ (378,875)	$ (1,540,579)	$ (1,964,825)	$ (825,172)	$ (1,476,725)	$ (488,100)
55016	Depreciation Expense	$ 1,246,077	$ 1,246,077	$ 1,200,000	$ -	$ 1,200,000	

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