

City of Derby WPCA
Engineering Services
Monthly Engineering Report
January 21, 2026

2150155 Route 34 Sewer: CT DOT Project

- All main line piping installation complete. One manhole was paved over has been uncovered. Punchlist items remain. WPCA received all CCTV videos.

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.
- All work is now complete. Additional Pavement required on David Humphries.

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.

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

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
- 3D Model design underway
- Process Mechanical, Architectural, Structural and site design underway
- Received CTDEEP Approval dated 10/23,2025 for the Wastewater Facilities Plan.
- CTDEEP will release final payment to the City's ACH account in the amount of \$4,975.47.
- Developed RFP to retain the services of a Value Engineering Consultant.
- Preparing documents for Value Engineering Session

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By Marc J. Garofalo, MPA, MCC, MCTC at 11:51 am, Jan 16, 2026

City of Derby WPCA Phase 6 I&I Removal Program

Date	1/11/2025	
Consultant:	Weston & Sampson	
Project Number	ENG24-0623	
Period	Dec-25	
Invoice Amount:	\$2,400.00	

Progress this Period:
 Bid and Construction Phase services related to Phase 6 pipeline and manhole repairs.
 Contractor is Narional Water Main Cleaning Company: \$244,223.00
 Construction began week of Sept 22.
 Point repair completed on Laurel Ave
 9 manhole frames and covered on David Humphreys Road complete
 Contractor obtains CTDOT permit and complete work in DOT ROW. Final MH Lining scheduled for January 2026.

Cash Flow:

<u>Work Period</u>	<u>Inv. Number</u>	<u>Amount</u>	<u>Status</u>
May 2024	6241308	\$4,800.00	Paid
June 2024	7241158	\$4,800.00	Paid
July 2024	8241172	\$7,200.00	Paid
Oct 2024	11240159	\$4,800.00	Paid
Nov 2024	12240161	\$2,400.00	Paid
Dec 2024	1250256	\$1,600.00	Paid
Feb 2025	3250162	\$4,800.00	Paid
Mar 2025	4250148	\$1,600.00	Paid
Jun 2025	7250116	\$1,600.00	Paid
Aug 2025	9250462	\$1,600.00	Paid
Sept 2025	10250288	\$1,600.00	Paid
Oct 2025	11250428	\$3,200.00	Paid
Nov 2025	12250739	\$4,000.00	Paid
Dec 2025	1250015	\$2,400.00	Current
	Percent Complete	Invoiced to Date	Contract Value
Total	97%	\$46,400.00	\$48,000.00



Tax ID No: 04-2601194

INVOICE

PLEASE MAKE CHECKS PAYABLE TO:

Weston & Sampson Engineers, Inc.



55 Walkers Brook Drive, Suite 100, Reading, MA 01867
westonandsampson.com Tel: 978.532.1900

December 30, 2025

Project No: ENG24-0623

Invoice No: 1250015

Edward Abel
Superintendent
DERBY CT, CITY OF
Water Pollution Control Authority
1 Elizabeth Street
Derby, CT 06418

Project ENG24-0623 DERBY, CT - PHASE 6 I&I REMOVAL

Professional Services from November 22, 2025 through December 26, 2025

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A - DESIGN	24,000.00	100.00	24,000.00	24,000.00	0.00
PHASE B - BID	8,000.00	100.00	8,000.00	8,000.00	0.00
PHASE C - CONSTRUCTION	16,000.00	90.00	14,400.00	12,000.00	2,400.00
Total Fee	48,000.00		46,400.00	44,000.00	2,400.00
Total Fee					2,400.00
TOTAL THIS INVOICE					2,400.00

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Weston & Sampson Engineers, Inc.



55 Walkers Brook Drive, Suite 100, Reading, MA 01867
westonandsampson.com Tel: 978.532.1900

December 30, 2025

Project No: ENG24-1372

Invoice No: 1250018

Edward Abel
Superintendent
DERBY CT, CITY OF
Water Pollution Control Authority
1 Elizabeth Street
Derby, CT 06418

Project ENG24-1372 DERBY NAUGATUCK RIVER RESTORATION AT SIPHON

Professional Services from November 22, 2025 through December 26, 2025

Phase A SURVEY

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
SURVEY	7,000.00	100.00	7,000.00	7,000.00	0.00
HYDRAULICS	12,000.00	0.00	0.00	0.00	0.00
DESIGN	46,000.00	50.00	23,000.00	18,400.00	4,600.00
PERMITTING	44,000.00	60.00	26,400.00	26,400.00	0.00
Total Fee	109,000.00		56,400.00	51,800.00	4,600.00
Total Fee					4,600.00
Total this Phase					4,600.00
TOTAL THIS INVOICE					4,600.00

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Payment is due 30 days from Invoice Date

Tax ID No: 04-2601194

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Weston & Sampson Engineers, Inc.



55 Walkers Brook Drive, Suite 100, Reading, MA 01867
westonandsampson.com Tel: 978.532.1900

January 15, 2026

Project No: ENG24-1491

Invoice No: 1260924

Edward Abel
Superintendent
DERBY CT, CITY OF
Water Pollution Control Authority
1 Elizabeth Street
Derby, CT 06418

Project ENG24-1491 DERBY - WWTP UPGRADES DESIGN

Professional Services from November 22, 2025 through December 26, 2025

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
SURVEY	166,000.00	100.00	166,000.00	166,000.00	0.00
30% PREL. DESIGN	890,000.00	100.00	890,000.00	890,000.00	0.00
VALUE ENGINEERING	56,000.00	20.00	11,200.00	5,600.00	5,600.00
75% DESIGN DEVELOPMENT	1,060,000.00	28.00	296,800.00	243,800.00	53,000.00
GRANT ASSISTANCE	84,000.00	0.00	0.00	0.00	0.00
PERMITTING	119,000.00	0.00	0.00	0.00	0.00
90% FINAL DESIGN	743,000.00	0.00	0.00	0.00	0.00
100% BID DOCUMENT	162,000.00	0.00	0.00	0.00	0.00
Total Fee	3,280,000.00		1,364,000.00	1,305,400.00	58,600.00
Total Fee					58,600.00
TOTAL THIS INVOICE					58,600.00

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

❖ **Collection System (December 2025)**

- Responded to a total of 44 CBYD tickets with 1 emergency ticket.
- Responded to a total of 2 emergency after hours call outs.

❖ **Waste-Water Treatment Plant (December 2025)**

- Average Flow = 1.20 million gallons per day
- Total Flow = 37.18 million gallons, Max Daily Flow = 1.28 million gallons per day
- Average Total Nitrogen = 75.4 lbs./day, Permit Limit = 71 lbs./day (Annual Avg = 70.7/day)
- Average Effluent BOD = 8.3 mg/l (permit <30 mg/l)
- Average Suspended Solids = 4 mg/l (permit = 30 mg/l)
- Average Turbidity = 1.9

❖ **Maintenance**

- Raw sewage pump #2 taken offline for repairs. Now back in service
- North primary clarifier motor replaced. Now back in service
- Relay switch at Patty Ann pump station replaced. Now back in service
- New secondary control panel RTU installed and put in service

❖ **General**

- Average % solids with new press 25.36%
- Continuing to work with FEMA for disaster damage assistance for East Derby Siphon
- Continuing to work with DEEP, CTDOT, and Metro North for all proper permits for East Derby Siphon repair
- Plant pickup truck on order.

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WPCA - December 30, 2025 YTD Update (Cash View)

Account Code	Account Title	FY 24-25 Actuals		December 31,	
		FY 24-25 Budget	(Unaudited)	FY 25-26 Budget	2025 YTD
3000	Revenue				
44902	Sewer Use Interest & Lien Fees	\$ 45,000	\$ 103,409	\$ 16,000	\$ 7,578
41105/41108	Back Taxes/Sewer Use & Capital Fees (2007-22 GL Years)	\$ 450,000	\$ 718,435	\$ 500,000	\$ 345,186
41902/41903	Back Taxes/Interest & Lien Fees (Sewer Use & Capital Fee)		\$ 178,745	\$ 130,000	\$ 120,172
44906	Ansonia Income	\$ 17,097	\$ 14,627	\$ 23,000	\$ -
44909	Orange Revenue	\$ 85,377	\$ 85,524	\$ 85,377	\$ 44,042
44910	Residential Revenue	\$ 1,723,831	\$ 1,574,171	\$ 1,700,000	\$ 1,036,635
44911	Commercial Revenue	\$ 561,359	\$ 565,619	\$ 500,000	\$ 231,493
44912	Mixed Use Revenue	\$ 91,208	\$ 87,377	\$ 85,000	\$ 43,921
44916	186 Derby Ave Repair Reimbursement	\$ -	\$ 773	\$ -	\$ 1,545
44926	Impact Fee - New Sewer Connections	\$ 415,000	\$ 430,350	\$ 210,000	\$ 6,875
44904	Other Revenue		\$ 9,929	\$ -	\$ 34
46101	Interest Earned	\$ 250,000	\$ 211,574	\$ 230,000	\$ 84,267
Total Operating Revenues		\$ 3,638,872	\$ 3,980,532	\$ 3,479,377	\$ 1,921,748
Capital Fees					
44914	Capital Fee Interest & Lien Fees	\$ 46,557	\$ 79,924	\$ 13,000	\$ 5,015
44917	Residential Capitol Improvement Re	\$ 1,210,393	\$ 1,080,890	\$ 1,100,000	\$ 726,171
44918	Commercial Capital Improvement Rev	\$ 275,247	\$ 369,504	\$ 270,000	\$ 149,499
44919	Mixed Use Capital Improvements Rev	\$ 34,926	\$ 33,924	\$ 33,000	\$ 18,617
Total Capital Fees		\$ 1,567,123	\$ 1,564,242	\$ 1,416,000	\$ 899,302
Total WPCA Revenues		\$ 5,205,995	\$ 5,544,773	\$ 4,895,377	\$ 2,821,050
Dept. 8410	Water Pollution Control	FY 24-25 Actuals		December 31,	
		FY 24-25 Budget	(Unaudited)	FY 25-26 Budget	2025 YTD
51610	Regular	\$ 950,463	\$ 935,391	\$ 955,145	\$ 484,280
51630	Overtime	\$ 80,000	\$ 60,356	\$ 88,316	\$ 34,132
	Annual Stipend	\$ 6,000		\$ 6,000	\$ -
52200	Employer Share Social Security Contributions	\$ 63,889	\$ 49,065	\$ 64,695	\$ 27,265
52205	Medicare	\$ 14,942	\$ 11,520	\$ 15,130	\$ 6,377
52300	City Pension	\$ 20,609	\$ 137,575	\$ 137,575	\$ -
52700	Workers Compensation	\$ 100,000	\$ 280,099	\$ 50,000	\$ 13,086
52906	Employees Health Benefits	\$ 360,000	\$ 330,603	\$ 200,000	\$ 103,123
52907	Insurance	\$ 36,575	\$ 31,553	\$ 33,000	\$ -
53020	Legal Services	\$ 12,000	\$ 780	\$ 12,000	\$ 200
53201	Office Instruction	\$ 1,000		\$ -	\$ -
53202	Plant Instruction	\$ 6,300	\$ 3,423	\$ 5,700	\$ 1,979
53310	Accounting/Bookkeeping	\$ 8,000	\$ 13,087	\$ 8,000	\$ 4,676
53400	Engineering Services	\$ 30,000	\$ 58,134	\$ 100,000	\$ -
53465	Atty Sheriff Title Search	\$ 20,000			\$ -
53495	Pump Station - Sanitary Sewer Design	\$ -			\$ -
53500	Computer Service	\$ 2,000	\$ 25,775	\$ 30,000	\$ 26,643
53505	Plant Computer Service	\$ 5,000	\$ 3,624	\$ 5,000	\$ -
53515	Payroll Expense	\$ 5,000	\$ 4,064	\$ 6,000	\$ 2,464
54302	Property/Plant Maintenance	\$ 150,000	\$ 131,303	\$ 150,000	\$ 60,693
54325	Vehicle Maintenance	\$ 20,000	\$ 18,357	\$ 20,000	\$ 7,529
54413	Sludge Disposal	\$ 250,000	\$ 252,884	\$ 250,000	\$ 66,054
54925	Pest Control	\$ 1,000	\$ 201	\$ 1,000	\$ 285
54930	Collection System Maintenance	\$ 100,000	\$ 134,914	\$ 100,000	\$ 43,204
54935	Collection System Rehabilitation	\$ 300,000	\$ -	\$ 275,000	\$ 15,979
54940	Road Bond Sanitary Sewer Repair	\$ -	\$ -		\$ -
54945	Pump Station Maintenance	\$ 20,000	\$ 10,403	\$ 20,000	\$ 6,638
55001	Aquarion Expense	\$ 15,000	\$ 16,537	\$ 15,000	\$ 35,638
55003	Griffen Hospital Expense	\$ 36,200	\$ 28,431	\$ 36,200	\$ -
55004	Town Clerk Expense	\$ 1,000			\$ -

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55006	Interest Expense Dep	\$	-	\$	3,562				
55031	DEEP Fees	\$	6,000	\$	2,368	\$	6,000	\$	2,599
55300	Telephones	\$	10,000	\$	9,501	\$	10,000	\$	5,726
55301	Postage	\$	13,000	\$	2,250	\$	13,000	\$	-
55991	Expense Refunds	\$	3,100	\$	1,447	\$	3,100	\$	16,160
55999	Camera Truck Lease Purchase	\$	-	\$	40,976				20,488
56010	Office Supplies	\$	2,000			\$	2,000	\$	14
56015	Business Forms	\$	3,000			\$	-	\$	-
56025	Plant Supplies	\$	6,000	\$	8,190	\$	6,000	\$	2,471
56050	Rags Grit Grease	\$	25,000	\$	18,941	\$	25,000	\$	-
56210	Yankee Gas	\$	15,000	\$	8,871	\$	15,000	\$	2,998
56220	Electricity	\$	180,000	\$	181,041	\$	180,000	\$	71,243
56290	Water Co.	\$	15,000	\$	-	\$	-		
56908	Chemicals	\$	55,000	\$	56,587	\$	55,000	\$	40,282
56909	Lab Supplies	\$	65,000	\$	58,765	\$	65,000	\$	32,679
56911	Special Clothing	\$	11,160	\$	8,969	\$	9,000	\$	5,693
58015	RWA & Aquarion Consumption	\$	-	\$	10,514	\$	15,000	\$	4,188
58350	Capital Reserves	\$	200,000	\$	200,000	\$	200,000		
Total Expenses 8410		\$	3,224,238	\$	3,150,060	\$	3,187,861	\$	1,144,785
Operating Revenues Less Operating Expenses		\$	414,634	\$	830,471	\$	291,516	\$	776,964
Capital Account - Dept 8411									
				FY 24-25 Budget	FY 24-25 Actuals (Unaudited)	FY 25-26 Budget	December 31, 2025 YTD		
58355	Bond Capital Debt Service (Interest and Principal)	\$	1,374,575	\$	1,354,442	\$	1,252,825	\$	1,039,688
53400	Engineering Services	\$	-	\$	168,170	\$	-		
55081	Phase I Plant Improvem-Constructio	\$	1,300,000	\$	1,893,773	\$	1,853,000	\$	821,105
Total Expenses 8411		\$	2,674,575	\$	3,416,385	\$	3,105,825	\$	1,860,793
Capital Fees less Capital Expenses		\$	(1,107,452)	\$	(1,852,143)	\$	(1,689,825)	\$	(961,491)
55016	Depreciation Expense	\$	-	\$	1,277,607	\$	1,200,000	\$	1,200,000

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City of Derby
 Check/Voucher Register
 05 - Enterprise Funds (WPCA)
 10400 - Cash WPCA
 APS
 From 12/11/2025 Through 1/13/2026

Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
12924	12/16/2025	AIRGAS USA *	66.15	WPCA Gases: Helium, Argon
12925	12/16/2025	BAHR SALES INC	640.00	4 Hrs Labor install cable and test equipment
12926	12/16/2025	CINTAS CORPORATION	44.72	WPC A Uniform Service
	12/16/2025	CINTAS CORPORATION	44.72	WPCA Uniform Service
12927	12/16/2025	CONSTELLATION NEWENERGY	4,808.66	1 Caroline St Electricity 10/17-11/1
	12/16/2025	CONSTELLATION NEWENERGY	101.83	24 Division St (WPCA) Electricity 10/16-11/17
	12/16/2025	CONSTELLATION NEWENERGY	125.52	25 Burtville Ave (WPCA) Electricity 10/16-11/17
12928	12/16/2025	FIRE EQUIPMENT HEADQUARTE	830.20	WPCA Fire Extinguisher Testing
12929	12/16/2025	FRONTIER	175.81	WPCA Plant Phones 11/25 - 12/24
12930	12/16/2025	GRAINGER *	92.70	WPCA Disposable Gloves
	12/16/2025	GRAINGER *	2,546.16	WPCA Rubber Boots
12931	12/16/2025	KINSLEY GROUP INC	1,270.75	145 Roosevelt DR (WPCA Pump St: Generator Maintenance
	12/16/2025	KINSLEY GROUP INC	546.25	Pump Station Generator Maintenanc 20 S. Divsion St (WPCA)
12932	12/16/2025	LOWES *	746.68	WPCA Plant Maintenance Supplies
12933	12/16/2025	PAYCOR INC	341.00	WPCA November Payroll Fees
12934	12/16/2025	PHOENIX ENVIRONMENTAL LAB	470.00	WPCA Lab Sample Anaysis
12935	12/16/2025	PMA COMPANIES INC *	4,458.40	WPCA Portion of December Statem
12936	12/16/2025	REGIONAL WATER AUTHORITY	777.39	Roosevelt Dr (WPCA) Water 10/08-11/10
12937	12/16/2025	STAMFORD WPCA REGIONAL	325.20	WPCA Lab Sample Anaysis
12938	12/16/2025	USA BLUE BOOK	647.78	WPCA Lab Supplies
12939	12/16/2025	WESTON/SAMPSON ENGINEERS	4,000.00	10/25-11/21 Proj. ENG24-0623
	12/16/2025	WESTON/SAMPSON ENGINEERS	1,600.00	8/23-9/26 Proj. ENG24-0623
12940	12/18/2025	25 SUMMIT AVE LLC	17.38	December 2025 SU/CF Refund 2025-07-0002931
12941	12/18/2025	MARCAZK HELEN (L U)	514.00	December 2025 SU/CF Refund 2025-17-0002052
12942	12/18/2025	MARTINEZ OROZCO SEBATAIN	43.19	December 2025 SU/CF Refund 2025-17-0005156
12943	1/5/2026	AARON ASSOCIATES OF CT	21,303.00	RTU-10 Secondary Control Panel & Blowers Upgrades
12944	1/5/2026	AMAZON CAPITAL SERVICES	103.15	WPCA Office Supplies
12945	1/5/2026	CINTAS CORPORATION	44.72	WPCA Uniform Service
	1/5/2026	CINTAS CORPORATION	44.72	WPCA Uniformn Service
12946	1/5/2026	COYNE CHEMICAL	10,409.32	WPCA Plant Chemicals
12947	1/5/2026	EDWARDS ANSWERING SEV INC	59.60	WPCA Answering Service
12948	1/5/2026	EVERSOURCE	1,139.42	1 Caroline St Gas 11/10-12/11
	1/5/2026	EVERSOURCE	233.44	140 Roosevelt Dr Gas 11/10-12/11
12949	1/5/2026	FRONTIER	506.94	WPCA Bundle 11/11-12/10
	1/5/2026	FRONTIER	506.94	WPCA Phones 12/11-1/10
	1/5/2026	FRONTIER	175.81	WPCA Plant Phones 12/25 - 1/24
12950	1/5/2026	JOHNSON CONTROLS BUILDING SOLUTIONS	586.96	Alarm System WPCA 10/01/25 - 9/30/2026
12951	1/5/2026	MIKE SADICK MACHINE	650.00	WCPA Plant Maintenance: Manufac Bronx
12952	1/5/2026	NATIONAL WATER MAIN CLEANING COMPANY	90,503.89	Sanitary Sewer Rehabilitation Phas

Date: 1/14/26 09:01:15 AM

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Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
12964	1/12/2026	PHOENIX ADVISORS LLC	(141.00)	WPCA Lab Sample Analysis
		Total 10400 - Cash WPCA	322,186.48	
		Total 05 - Enterprise Funds (WPCA)	322,186.48	
Report Total			322,186.48	

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Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
12964	1/12/2026	PHOENIX ADVISORS LLC	(141.00)	WPCA Lab Sample Analysis
		Total 10400 - Cash WPCA	322,186.48	
		Total 05 - Enterprise Funds (WPCA)	322,186.48	
Report Total			322,186.48	

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