Weston & Sampson

712 Brook Street, Suite 103, Rocky Hill, CT 06067
Tel: 860.513.1473

City of Derby WPCA
Engineering Services
Monthly Engineering Report
August 19, 2026

ENG24-0623 Phase 6 I/I Removal

- Project includes manhole repairs, lateral liner, and other defects.
  - Final inspection completed and punch list generated and forwarded to Contractor.
  - Three (3) manhole require minor repairs.

ENG26-0844 Phase 7 I/I Removal

- Phase 7: Ashwood Terrace Sewer Replacement Project. Authorized to proceed to provide design, bid, and construction phase services.
- Topographic Survey field work is complete.
- Completed concept design

ENG24-1371 WWTP Aeration Blower

- Three (3) blowers installed and operational.
- Submitted grant application to the Connecticut Energy Efficiency Fund Energy Conscious Blueprint program for replacement of blowers.
- Received 3rd party review comments of the application, addressed all comments.
- Awaiting grant approval from UI.

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.
- 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 complete
- Basis of Design Report completed
- Finalized documents for review by Value Engineering Consultant
- Value Engineering Consultant Contract executed.
- First VE session held on 7/15.
- Answering requests for information by the VE consultant.

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By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

City of Derby WPCA Phase 7 I&I Removal Program: Ashwood Terrace Sewers

Date	8/19/2026
Consultant:	Weston & Sampsom
Project Number	ENG26-0844
Period	Aug-26
Invoice Amount:	$10,000.00

Progress this Period:

Design of replacement sewers along Ashwood Terrace
Completed topographic survey and mapping of the project area
Develop concept design drawings

Cash Flow:

Work Period	Inv. Number	Amount	Status
July 2026	26080085	$10,000.00	Current
	Percent Complete	**Invoiced to Date**	**Contract Value**
Total	**14%**	**$10,000.00**	**$74,000.00**

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

2

Tax ID No: 04-2601194

INVOICE

PLEASE MAKE CHECKS PAYABLE TO:
Weston & Sampson Engineers, Inc.

Weston & Sampson ENGINEERS, INC.
55 Walkers Brook Drive, Suite 100, Reading, MA 01867
westonandsampson.com Tel: 978.532.1900

July 29, 2026
Project No: ENG26-0844
Invoice No: 26080085

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

Project ENG26-0844 DERBY, CT - WPCA PHASE 7 SEWER REHABILITATION DESIGN AND CA

Professional Services from June 27, 2026 through July 24, 2026

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
PHASE A - SURVEY	7,500.00	100.00	7,500.00	0.00	7,500.00
PHASE B - DESIGN	25,000.00	10.00	2,500.00	0.00	2,500.00
PHASE C - BID PHASE	6,000.00	0.00	0.00	0.00	0.00
PHASE D - CONSTRUCTION ADMINISTRATION	9,000.00	0.00	0.00	0.00	0.00
PHASE E - INSPECTION	22,000.00	0.00	0.00	0.00	0.00
PHASE F - AS-BUILTS	4,500.00	0.00	0.00	0.00	0.00
Total Fee	74,000.00		10,000.00	0.00	10,000.00

Total Fee **10,000.00**

TOTAL THIS INVOICE **10,000.00**

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By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

3

Payment is due 30 days from Invoice Date

Agenda item 8

Tax ID No: 04-2601194

INVOICE

PLEASE MAKE CHECKS PAYABLE TO:
Weston & Sampson Engineers, Inc.

Weston & Sampson ENGINEERS, INC
55 Walkers Brook Drive, Suite 100, Reading, MA 01867
westonandsampson.com Tel: 978.532.1900

July 31, 2026
Project No: ENG26-0877
Invoice No: 26080294

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

Project ENG26-0877 DERBY, CT - WPCA SEYMOUR EMERGENCY SIPHON REPAIR SUPPORT

Professional Services from June 27, 2026 through July 24, 2026

Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed	
PHASE A - SUPPORT	7,000.00	100.00	7,000.00	0.00	7,000.00	
Total Fee	7,000.00		7,000.00	0.00	7,000.00	
		Total Fee				**7,000.00**
			TOTAL THIS INVOICE			**7,000.00**

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4

Payment is due 30 days from Invoice Date

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

- Collection System (July 2026)
  - Responded to a total of 96 CBYD tickets with 6 emergency tickets.
  - Responded to a total of 6 emergency after hours call outs.

- Waste-Water Treatment Plant (July 2026)
  - Average Flow = 1.63 million gallons per day
  - Total Flow = 50.43 million gallons, Max Daily Flow = 2.66 million gallons per day
  - Average Total Nitrogen = 80 lbs./day, Permit Limit = 71 lbs./day (Annual Avg = 97/day)
  - Average Effluent BOD = 5.2 mg/l (permit <30 mg/l)
  - Average Suspended Solids = 9 mg/l (permit = 30 mg/l)
  - Average Turbidity = 3.2

- Maintenance
  - Repaired air compressor bubbler for sludge blend tank
  - Replaced Fournier press polymer pump
  - Replaced secondary building generator radiator
  - Repaired air diffusers in aerated waste tank
  - Quarterly jetting/cleaning maintenance complete. Jet cleaned 9,800ft and CCTV'd 1,500ft

- General
  - Average % solids with new press 29.12%
  - Submitted second appeal letter to FEMA for East Derby Siphon repair
  - UI installed short circuit meter in electrical vault
  - New Vactor Quotes

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By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

5

City of Derby
Check/Voucher Register
10400 - Cash WPCA
05 - Enterprise Funds (WPCA)
APS
From 7/9/2026 Through 8/10/2026

Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
13220	7/17/2026	AIRGAS USA *	8.00	WPCA Plant Maintenance
13222	7/17/2026	AMAZON CAPITAL SERVICES	404.23	WPCA Plant Maintenance
	7/17/2026	AMAZON CAPITAL SERVICES	81.34	WPCA Plant Maintenance Supplies
	7/17/2026	AMAZON CAPITAL SERVICES	283.69	WPCA Plant Supplies
	7/17/2026	AMAZON CAPITAL SERVICES	21.85	WPCA Vehicle Maintenance
13223	7/17/2026	ASTRO CHEMICALS INC	1,736.00	WPCA Chemicals
	7/17/2026	ASTRO CHEMICALS INC	(225.00)	WPCA Deposit Return
13224	7/17/2026	CINTAS CORPORATION	92.04	WPCA Uniform Service
13225	7/17/2026	CITY OF DERBY POLICE DEPT	31,464.84	Seymour Ave at Atwater Ave Use c
	7/17/2026	CITY OF DERBY POLICE DEPT	372.40	WPCA Use of DPD on 6/22/26 Eliza St
	7/17/2026	CITY OF DERBY POLICE DEPT	944.80	WPCA Use of DPD on 7/01/26 Eliza St
	7/17/2026	CITY OF DERBY POLICE DEPT	24,586.42	WPCA Use of DPD Seymour Av at Atwater Ave
13226	7/17/2026	EDWARDS ANSWERING SEV INC	49.61	WPCA Answering Service 7/09-8/0
13227	7/17/2026	HEARST MEDIA SRVS CT LLC*	383.00	WPCA Legal Notice Regarding Sew Use Charges
13228	7/17/2026	LOWES *	1,316.08	WPCA Plant Maintenance Supplies Purchased in June
13229	7/17/2026	PHOENIX ENVIRONMENTAL LAB	510.00	WPCA Lab Sample Analysis
13230	7/17/2026	STAMFORD WPCA REGIONAL	429.60	WPCA Lab Sample Analysis (June Samples)
13231	7/17/2026	TIRE SHAK INC	1,258.00	WPCA Vehicle Maintenance
13232	7/17/2026	TORRCO	1,292.88	WPCA Plant Maintenance
13233	7/17/2026	TRACYS GARAGE	20,948.06	WPCA 41DE Vehicle Maintenance
13234	7/27/2026	CAMPBELL FOUNDRY CO	3,942.00	WPCA Collections System Maintena Frames/Covers/Ext. Ring
13235	7/27/2026	CINTAS CORPORATION	46.02	WPCA Uniform Service
13236	7/27/2026	EVERSOURCE	394.39	1 Caroline St (WPCA) Gas 6/11-7/1
	7/27/2026	EVERSOURCE	115.40	140 Roosevelt Dr (WPCA) Gas 6/11
13237	7/27/2026	Fournier Industries Inc.	707.85	WPCA Pump Head
13238	7/27/2026	FRONTIER	615.23	1 Caroline St (WPCA) Phones 7/11-
13239	7/27/2026	GRAINGER *	(1,244.45)	Misc. Credits on Account
	7/27/2026	GRAINGER *	802.56	WPCA Lab Supplies
	7/27/2026	GRAINGER *	727.72	WPCA Plant Maintenance
	7/27/2026	GRAINGER *	130.92	WPCA Plant Maintenance: Line-Mar Paint
13240	7/27/2026	JEDONNA LLC	237.74	WPCA Plant Maintenance
13241	7/27/2026	PHOENIX ENVIRONMENTAL LAB	357.00	WPCA Lab Sample Analysis
13242	7/27/2026	REGIONAL WATER AUTHORITY	73.19	1 Caroline St (WPCA) Water 6/08-7
	7/27/2026	REGIONAL WATER AUTHORITY	740.98	Roosevelt Dr (WPCA) Water 6/08-7
13243	7/27/2026	UNITED ILLUMINATING	169.04	24 Divsion St Pump 2 (WPCA) Elec 6/16-7/16
	7/27/2026	UNITED ILLUMINATING	215.40	25 Burtville Ave (WPCA) Electricity 6/16-7/16
13244	7/27/2026	USA BLUE BOOK	262.21	WPCA Plant Maintenance
13245	7/31/2026	AARON ASSOCIATES OF CT	1,689.00	WWTP Influent Pumping Control P Upgrade July 2026
13246	7/31/2026	AMAZON CAPITAL SERVICES	99.41	WPCA Plant Supplies
13247	7/31/2026	APOLLO SAFETY INC	437.50	WPCA Plant Maintenance: Disposal Gloves

10

Agenda item 10

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

City of Derby
Check/Voucher Register
10400 - Cash WPCA
05 - Enterprise Funds (WPCA)
APS
From 7/9/2026 Through 8/10/2026

Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
13248	7/31/2026	ASTRO CHEMICALS INC	1,736.00	WPCA Chemicals
13249	7/31/2026	CINTAS CORPORATION	46.02	WPCA Uniform Service
13250	7/31/2026	CONSTELLATION NEWENERGY	69.32	14 Patty Ann Terr (WPCA) Electricit 6/16-7/16
	7/31/2026	CONSTELLATION NEWENERGY	112.15	24 Division St (WPCA) Electricity 6/16-7/16
	7/31/2026	CONSTELLATION NEWENERGY	258.66	25 Burtville Ave (WPCA) Electricity 6/16-7/16
13251	7/31/2026	dba ENVIRONMENTAL TRAINING & CONSULTING	725.00	Attending 7/15/26 WPCA Meeting
13252	7/31/2026	FRONTIER	200.99	14 Patty Ann Terr (WPCA) Phones 7/21-8/20
13253	7/31/2026	PHOENIX ENVIRONMENTAL LAB	357.00	WPCA Lab Sample Analysis
13254	7/31/2026	UNITED ILLUMINATING	5,251.85	1 Caroline St Pump Wtr (WPCA) Electricity 6/17-7/20
	7/31/2026	UNITED ILLUMINATING	1,185.11	145 Roosecelt Dr (WPCA) Electricit 6/16-7/16
13255	8/6/2026	LODESTAR CLAIMS & RISK SERVICES	10,106.40	Claim W004405044 Santo B. Jr
13256	8/10/2026	AMAZON CAPITAL SERVICES	34.23	WPCa Lab Supplies
	8/10/2026	AMAZON CAPITAL SERVICES	114.58	WPCA Plant Maintenance
	8/10/2026	AMAZON CAPITAL SERVICES	116.06	WPCA Plant Supplies
13257	8/10/2026	CAMPBELL FOUNDRY CO	1,110.00	WPCA Collections System Maintena
13258	8/10/2026	CINTAS CORPORATION	46.02	WPCA Uniform Service
13259	8/10/2026	CITY OF DERBY POLICE DEPT	1,889.60	WPCA Use of DPD 7/20 7/21 7/22
	8/10/2026	CITY OF DERBY POLICE DEPT	1,889.60	WPCA Use of DPD 7/21 7/22 Coon Hollow Rd, 3rd St
13260	8/10/2026	CONSTELLATION NEWENERGY	5,948.19	1 Caroline St (WPCA) Electricity 6/17-7/19
13261	8/10/2026	EDWARDS ANSWERING SEV INC	49.61	WPCA Answering Service 8/06-9/0:
13262	8/10/2026	FRONTIER	213.30	145 Roosevelt Dr (WPCA) Phones 7/25-8/24
13263	8/10/2026	PHOENIX ENVIRONMENTAL LAB	574.50	WPCA Lab Sample Analysis
13264	8/10/2026	STAMFORD WPCA REGIONAL	325.20	WPCA Lab Sample Analysis
13265	8/10/2026	VALLEY ELECTRIC SUPPLY	105.17	WPCA Plant Maintenance
	8/10/2026	VALLEY ELECTRIC SUPPLY	235.55	WPCA Plant Supplies
		Total 05 - Enterprise Funds (WPCA)	129,177.06	
		Total 10400 - Cash WPCA	129,177.06	
Report Total			129,177.06	

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By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

Agenda item 10a

City of Derby
Check/Voucher Register
APS
10400 - Cash WPCA
05 - Enterprise Funds (WPCA)
From 8/14/2026 Through 8/14/2026

Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
13266	8/14/2026	BONASSAR TRACI L	15,080.99	July 2026 Transport & Disposal of Sludge Cake
13267	8/14/2026	C C M	577.50	Drug & Alcohol Consortium July - D 2026
13268	8/14/2026	CINTAS CORPORATION	46.02	WPCA Uniform Service
13269	8/14/2026	CITY OF DERBY POLICE DEPT	944.80	WPCA Use of DPD Atwater Ave 7/2
13270	8/14/2026	CUSTOM BANDAG OF CT	2,391.52	WPCA Vehicle Maintenance Vac Tn
13271	8/14/2026	GENERAL MUFFLER	(7.83)	WPCA Credt on Account
	8/14/2026	GENERAL MUFFLER	37.16	WPCA Plant Maintenance: Wrench
	8/14/2026	GENERAL MUFFLER	146.19	WPCA Vehicle Maintenance: Diesel Exhaust Fluid and Motor Oil
	8/14/2026	GENERAL MUFFLER	70.52	WPCA Vehicle Maintenance: Oil Absorbing Clay
13272	8/14/2026	GRAINGER *	624.75	WPCA Plant Maintenance
13273	8/14/2026	LOWES *	2,440.83	WPCA Plant Maintenance
13274	8/14/2026	PHOENIX ENVIRONMENTAL LAB	3.06	WPCA Finance Charge
	8/14/2026	PHOENIX ENVIRONMENTAL LAB	1,233.50	WPCA Lab Sample Analysis
13275	8/14/2026	USA BLUE BOOK	1,120.81	WPCA Lab Supplies
13276	8/14/2026	WESTON/SAMPSON ENGINEERS	10,000.00	WPCA Collections System Rehab 6/27-7/24
13277	8/14/2026	SYNAGRO NORTHEAST INC	15,080.99	July 2026 Transport & Disposal of Sludge Cake
		Total 05 - Enterprise Funds (WPCA)	49,790.81	
		Total 10400 - Cash WPCA	49,790.81	

City of Derby
Check/Voucher Register
APV
10400 - Cash WPCA
05 - Enterprise Funds (WPCA)
From 8/14/2026 Through 8/14/2026

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

Check Number	Document Date	Vendor Name	Check Amount	Transaction Description
13266	8/14/2026	BONASSAR TRACI L	(15,080.99)	July 2026 Transport & Disposal of Sludge Cake
		Total 05 - Enterprise Funds (WPCA)	(15,080.99)	
		Total 10400 - Cash WPCA	(15,080.99)	
Report Total			34,709.82	

Agenda item 10d

VAC-CON COMBINATION SEWER CLEANER

EQUIPMENT SPECIFICATION

SOURCEWELL CONTRACT #101221-VAC

Prepared for

CITY OF DERBY

Water Pollution Control Authority

1 Elizabeth Street, Derby, CT 06418

Vac-Con Quote #114686 | Dual Engine Combination | August 3, 2026

MACHINE CONFIGURATION

Model	V312/1300 LHP
Type	Dual Engine Combination Jet/Vacuum Sewer Cleaner
Debris Body	12 Cubic Yard — 1/4" Corten Steel Debris Tank
Water Capacity	1,300 Gallons — Cross-Linked Polyethylene Water Tanks
Vacuum System	Three-Stage Centrifugal Compressor (Fan) with Cyclone Separator — Hydrostatic Drive, 98% Operating Efficiency
Auxiliary Engine	GM 6.0L Gasoline, 172 HP — Water Pump Drive
Boom	10' Aluminum Telescoping Boom — 4-Way Hydraulic, 270° Rotation
Boom Control	Pendant Control Station
Hose Reel	PRO Reel (Precision Reel Operation) — Articulating to Driver's and Curb Side, 800' x 1" Capacity, with 12VDC Auxiliary Hydraulic Pump
Jet Rodder Hose	600' x 3/4" Jet Rodder Hose
Water Pump	50 GPM at 3,000 PSI — GIANT 7000 Triplex Water Pump
Hose Brand	Piranha Brand Hose

STANDARD EQUIPMENT INCLUDES

Three-Stage Centrifugal Compressor (Fan) Vacuum System with Cyclone Separator

Hydrostatic Blower Drive via FEPTO — 98% Operating Efficiency

1/4" Corten Steel Debris Tank

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By Marc J Garofalo MPA, MMC, MCTC at 12:25 pm, Aug 14, 2026

Agenda item 12.a

9

Flat Style Rear Door with Hydraulic Door Locks — Including Open/Close
Debris Tank Dumping: Minimum 50°, Hydraulic Telescopic Lift Cylinder — Power Up / Power Down
60" Dump Height
Rear Bumper — Does Not Include Tow Hooks
Front Tow Hooks
Hinge Type / Body Prop — Permanently Mounted Debris Body Prop
Debris Body Flushout — 8 Jet
Automatic Vacuum Breaker with Float Arm Assembly / Level Indicator and Overfill Protection
Behind Cab Boom Support and Docking Station at Front Bumper
8" Vacuum Intake Hose
Two (2) Emergency Stop Button Locations: Operator Station and Mid-Body
Water Pump Remote Oil Drain — Quick Disconnects
Auxiliary Engine Remote Oil Drain — Quick Disconnects
Cross-Linked Polyethylene Water Tanks
Full Length Steps on Lower Water Tanks for Maintenance Access
Water Tank Drain — 1/4 Turn Ball Valve
Heavy Duty Manual Hose Rewind Guide with Dual Aluminum Rollers
Hose Guide (Tiger Tail)
Storage Box Behind Cab — 16" x 42" x 96"
1) Each Sanitary and Penetrator Nozzles
Cooling Package — Air to Oil Heat Exchanger for Hydraulics and Transfer Cases
Remote Lube Bank for Boom Rotator and Boom Lift Cylinders — Ground Level
20.5' Aluminum Intake Pipe (1-3', 1-5', 1-6', and 1-6.5' Nozzle)
LED/ICC Lighting
Sherwin Williams FastClad Zinc Rich Primer, Duraspar Epoxy Primer, and Duraspar Polyurethane Single Stage Gloss and Textured Paint
5# Fire Extinguisher — In Cab
Set of Triangles

DEBRIS BODY OPTIONS

1	6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)
1	6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain Hose Not Included)
1	Rear, Hydraulic Pump Off System — 350 GPM with 20' Lay Flat Hose
2	Screen Assembly Over Drain Port in Debris Tank
1	Debris Tank Drain Screen Placement — Rear Door Pump Off
1	Debris Tank Drain Screen Placement — Standard Drain Valve
1	Rear Splash Guard (2 - 10 O'Clock) — Tank Mounted
1	Stainless Steel Ball on Debris Body Level Indicator

Screen Placement: Pump-Off and Mid-Body Decant Ports — Lower Decant Port Full Bore, No Screen

HOSE REEL & HYDROEXCAVATION

1	50' Capacity Retractable Hand Gun Hose Reel
1	Hydroexcavation Package — Includes: 50' Handgun Hose Reel with 1/2" Hose, 72" 1/2"

10

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:26 pm, Aug 14, 2026

	Schedule 80 Lance with Single Forward Spray Nozzle, Storage Tubes for Lances, Heavy Duty Unloader Valve, Main Control Ball Valve, Variable Flow Valve
1	Power Guide "Reel Power" Level Wind Guide

WATER SYSTEM

3	Flush Out Connection for Rear Door Valve
1	Pre-Tank Water Filter (Y-Type)
1	Winter Recirculating Connection for High Pressure Circuit
1	Winter Recirculating Connection for Low Pressure Hand Gun
1	72" Extension for High-Pressure Handwand (711-30906B)
1	Additional Water Tank Sight Gauge (Driver Side)

CANADIAN / WINTER PACKAGE

1	Canadian Package — Includes: Arctic Winter Recirculation, Insulated Water Lines, Air Purge, Module Undercoating, & No Bungee Cords

LIGHTING

1	LED 4 Strobes — (2) Front Bumper / (2) Rear Bumper — Whelen 500 Series TIR6, Amber
1	LED Arrow Board, Rear Debris Tank Door Mounted — Whelen TA1251NF1 Traffic Arrow
1	LED Boom Mounted Flood Lights with Limb Guard — Whelen NP6BB Worklight
1	LED Flood Light — Level Wind Guide — Whelen NP6BB Worklight
1	LED Lighting for Tool Box
1	LED Midbody Flood Lights with Guards — Whelen NP6BB (Driver Side and Curb Side)
1	LED Rear Mounted Flood Lights with Limb Guard — Whelen NP6BB Worklight
2	LED Strobe with Limb Guard, Rear Debris Tank Mounted — Whelen L31HAF LED Beacon with Branch Guard
1	Midbody LED Strobes — Frame Mounted — Whelen 500 Series TIR6, Amber
2	Mirror Mounted LED Beacon/Strobe Light with Limb Guard — Whelen L31HAF LED Beacon with Branch Guard

ELECTRICAL & CONTROLS

1	Driver's Side Camera Placement — Mirror Mounted
1	Curbside Camera Placement — Mirror Mounted
1	Rear Camera Placement
1	Low Water Alarm with Light
1	Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body

MISCELLANEOUS ACCESSORIES

1	KEG Nozzles & Hydro X Dig Pig Lance & Poly Hydro Tube
1	Tungsten Infused Carbide Boom Elbow and Reducer

11

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:26 pm, Aug 14, 2026

1	Centrifugal Compressor Quiet Silencer — Class 4, 304 Stainless Steel, 14" x 40" with 8" Discharge
1	Cone Rack, Between Bogies, Tandem
1	Long Handle Storage Placement — Mounted in Storage Box Under Shelf
1	Remote Boom Grease Zerk Assembly (Ground Level — Includes Water Pump Drive)
1	Remote Debris Tank Grease Assembly (Ground Level)
1	Anti-Sail Mud Flaps (Rear)
1	3/4" x 15' Length Leader Hose
1	Electronic Vac-Con Manual (Thumb Drive), Spare
1	Paper Vac-Con Manual

PIPE STORAGE RACKS

1	Folding Pipe Rack (3), Tank Mounted, Curbside
1	Lazy Susan Pipe Rack — Curbside (Holds 5 Pipes)

TOOL / STORAGE BOXES

1	(2) 24" x 18" x 18" Steel Tool Box (Extended Frame Units Without Rear Tanks)
1	Nozzle Toolbox, Steel — 16"W x 18"H x 30"D

VACUUM TUBING

2	5' x 8" Aluminum Pipe Extension
1	8" Adjustable Air Gap with Quick Clamp

PAINT

1	Paint Module: Single-Stage Polyurethane Candy Apple Red (Sherwin Williams Code: 918623)
1	Optional Striping Package — Black (692-5204-03)
1	Steel Upper Water Tank Panels Painted Textured Black in Lieu of Standard Aluminum Diamond Plate

WARRANTY

Standard Warranty — 12 Months
Debris Tank Warranty — 5 Years
Water Tank Warranty — 10 Years
Water Pump Drive Warranty — 5 Years

(12)

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:26 pm, Aug 14, 2026

SOURCEWELL CONTRACT PRICING

Description	Amount
V312/1300 LHP Combination Unit with Sourcewell Discount — Delivery Included	**$500,057.00**
Freightliner 114SD Plus — Allison 4500 RDS — Cummins X12 475 HP — 68,000 lb GVWR (2027 Factory Order)	$197,275.00
TOTAL PRICE OFFERED TO SOURCEWELL MEMBER	$697,332.00

TERMS & CONDITIONS

- Sourcewell Contract #101221-VAC
- Delivery to Sanitary Equipment Co., Inc., West Haven, CT Included
- Price Excludes Any Applicable Taxes, Tag, Title or Registration Fees
- Quotation Valid for 30 Days
- Chassis: 2027 Model Year Factory Order — Full Factory Specification Proposal Attached in Separate PDF

For Questions or to Place an Order, Please Contact:

Mike Gregory | Sanitary Equipment Co., Inc.
(203) 747-0858 | mike@sanitaryequipment.com
25 Industry Drive, West Haven, CT 06516 — Serving All of New England

13

RECEIVED
By Marc J Garofalo MPA, MMC, MCTC at 12:26 pm, Aug 14, 2026

CHASSIS SPECIFICATION (Full Spec Attached in Separate PDF)

Make / Model	Freightliner 114SD Plus Conventional Chassis — Set Forward Axle (2027 Model Year)
Engine	Cummins X12 — 475 HP @ 1,900 RPM, 1,700 lb-ft Torque @ 1,000 RPM
Engine Brake	Cummins Intebrake — High / Medium / Low
Transmission	Allison 4500 RDS Automatic with PTO Provision — Vocational Package 223
PTO Provision	Engine Mount PTO (FEPTO), Dash Switch, Stationary Operation
Front Axle / Suspension	Meritor MFS-20-133A 22,000 lb — 23,000 lb Flat Leaf Suspension
Rear Axle / Suspension	Meritor RT-46-160 46,000 lb Tandem — Hendrickson RT463 46,000 lb Suspension, 52" Axle Spacing
Rear Axle Ratio	4.89 with Interaxle Lock
GVWR	68,000 lbs
Wheelbase	264" — 90" Rear Frame Overhang
Frame	11/32" x 3-1/2" x 10-15/16" Steel Frame, 120 KSI, with 1/4" C-Channel Inner Reinforcement
Fuel Tank	100 Gallon Aluminum — Left Hand
Electrical	160 AMP Alternator — (3) 3000 CCA Batteries
Warranty	Freightliner Level II Warranty
Availability	2027 Model Year Factory Order

Chassis specification summary per Freightliner SpecPro proposal (2027 MY, SD PRL-30D). Full factory specification proposal available and attached separately.

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14

VAC-CON COMBINATION SEWER CLEANER

EQUIPMENT SPECIFICATION

SOURCEWELL CONTRACT #101221-VAC

Prepared for

CITY OF DERBY

Water Pollution Control Authority

1 Elizabeth Street, Derby, CT 06418

Vac-Con Quote #114686 | Dual Engine Combination | August 3, 2026

MACHINE CONFIGURATION

Model	V312/1300 LHP
Type	Dual Engine Combination Jet/Vacuum Sewer Cleaner
Debris Body	12 Cubic Yard — 1/4" Corten Steel Debris Tank
Water Capacity	1,300 Gallons — Cross-Linked Polyethylene Water Tanks
Vacuum System	Three-Stage Centrifugal Compressor (Fan) with Cyclone Separator — Hydrostatic Drive, 98% Operating Efficiency
Auxiliary Engine	GM 6.0L Gasoline, 172 HP — Water Pump Drive
Boom	10' Aluminum Telescoping Boom — 4-Way Hydraulic, 270° Rotation
Boom Control	Pendant Control Station
Hose Reel	PRO Reel (Precision Reel Operation) — Articulating to Driver's and Curb Side, 800' x 1" Capacity, with 12VDC Auxiliary Hydraulic Pump
Jet Rodder Hose	600' x 3/4" Jet Rodder Hose
Water Pump	50 GPM at 3,000 PSI — GIANT 7000 Triplex Water Pump
Hose Brand	Piranha Brand Hose

STANDARD EQUIPMENT INCLUDES

Three-Stage Centrifugal Compressor (Fan) Vacuum System with Cyclone Separator
Hydrostatic Blower Drive via FEPTO — 98% Operating Efficiency
1/4" Corten Steel Debris Tank

15

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Agenda item 12.a

Flat Style Rear Door with Hydraulic Door Locks — Including Open/Close
Debris Tank Dumping: Minimum 50°, Hydraulic Telescopic Lift Cylinder — Power Up / Power Down
60" Dump Height
Rear Bumper — Does Not Include Tow Hooks
Front Tow Hooks
Hinge Type / Body Prop — Permanently Mounted Debris Body Prop
Debris Body Flushout — 8 Jet
Automatic Vacuum Breaker with Float Arm Assembly / Level Indicator and Overfill Protection
Behind Cab Boom Support and Docking Station at Front Bumper
8" Vacuum Intake Hose
Two (2) Emergency Stop Button Locations: Operator Station and Mid-Body
Water Pump Remote Oil Drain — Quick Disconnects
Auxiliary Engine Remote Oil Drain — Quick Disconnects
Cross-Linked Polyethylene Water Tanks
Full Length Steps on Lower Water Tanks for Maintenance Access
Water Tank Drain — 1/4 Turn Ball Valve
Heavy Duty Manual Hose Rewind Guide with Dual Aluminum Rollers
Hose Guide (Tiger Tail)
Storage Box Behind Cab — 16" x 42" x 96"
1) Each Sanitary and Penetrator Nozzles
Cooling Package — Air to Oil Heat Exchanger for Hydraulics and Transfer Cases
Remote Lube Bank for Boom Rotator and Boom Lift Cylinders — Ground Level
20.5' Aluminum Intake Pipe (1-3', 1-5', 1-6', and 1-6.5' Nozzle)
LED/ICC Lighting
Sherwin Williams FastClad Zinc Rich Primer, Duraspar Epoxy Primer, and Duraspar Polyurethane Single Stage Gloss and Textured Paint
5# Fire Extinguisher — In Cab
Set of Triangles

DEBRIS BODY OPTIONS

1	6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)
1	6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain Hose Not Included)
1	Rear, Hydraulic Pump Off System — 350 GPM with 20' Lay Flat Hose
2	Screen Assembly Over Drain Port in Debris Tank
1	Debris Tank Drain Screen Placement — Rear Door Pump Off
1	Debris Tank Drain Screen Placement — Standard Drain Valve
1	Rear Splash Guard (2 – 10 O'Clock) — Tank Mounted
1	Stainless Steel Ball on Debris Body Level Indicator

Screen Placement: Pump-Off and Mid-Body Decant Ports — Lower Decant Port Full Bore, No Screen

HOSE REEL & HYDROEXCAVATION

1	50' Capacity Retractable Hand Gun Hose Reel
1	Hydroexcavation Package — Includes: 50' Handgun Hose Reel with 1/2" Hose, 72" 1/2"

16

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	Schedule 80 Lance with Single Forward Spray Nozzle, Storage Tubes for Lances, Heavy Duty Unloader Valve, Main Control Ball Valve, Variable Flow Valve
1	Power Guide "Reel Power" Level Wind Guide

WATER SYSTEM

3	Flush Out Connection for Rear Door Valve
1	Pre-Tank Water Filter (Y-Type)
1	Winter Recirculating Connection for High Pressure Circuit
1	Winter Recirculating Connection for Low Pressure Hand Gun
1	72" Extension for High-Pressure Handwand (711-30906B)
1	Additional Water Tank Sight Gauge (Driver Side)

CANADIAN / WINTER PACKAGE

1	Canadian Package — Includes: Arctic Winter Recirculation, Insulated Water Lines, Air Purge, Module Undercoating, & No Bungee Cords

LIGHTING

1	LED 4 Strobes — (2) Front Bumper / (2) Rear Bumper — Whelen 500 Series TIR6, Amber
1	LED Arrow Board, Rear Debris Tank Door Mounted — Whelen TA1251NF1 Traffic Arrow
1	LED Boom Mounted Flood Lights with Limb Guard — Whelen NP6BB Worklight
1	LED Flood Light — Level Wind Guide — Whelen NP6BB Worklight
1	LED Lighting for Tool Box
1	LED Midbody Flood Lights with Guards — Whelen NP6BB (Driver Side and Curb Side)
1	LED Rear Mounted Flood Lights with Limb Guard — Whelen NP6BB Worklight
2	LED Strobe with Limb Guard, Rear Debris Tank Mounted — Whelen L31HAF LED Beacon with Branch Guard
1	Midbody LED Strobes — Frame Mounted — Whelen 500 Series TIR6, Amber
2	Mirror Mounted LED Beacon/Strobe Light with Limb Guard — Whelen L31HAF LED Beacon with Branch Guard

ELECTRICAL & CONTROLS

1	Driver's Side Camera Placement — Mirror Mounted
1	Curbside Camera Placement — Mirror Mounted
1	Rear Camera Placement
1	Low Water Alarm with Light
1	Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body

MISCELLANEOUS ACCESSORIES

1	KEG Nozzles & Hydro X Dig Pig Lance & Poly Hydro Tube
1	Tungsten Infused Carbide Boom Elbow and Reducer

17

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1	Centrifugal Compressor Quiet Silencer — Class 4, 304 Stainless Steel, 14" x 40" with 8" Discharge
1	Cone Rack, Between Bogies, Tandem
1	Long Handle Storage Placement — Mounted in Storage Box Under Shelf
1	Remote Boom Grease Zerk Assembly (Ground Level — Includes Water Pump Drive)
1	Remote Debris Tank Grease Assembly (Ground Level)
1	Anti-Sail Mud Flaps (Rear)
1	3/4" x 15' Length Leader Hose
1	Electronic Vac-Con Manual (Thumb Drive), Spare
1	Paper Vac-Con Manual

PIPE STORAGE RACKS

1	Folding Pipe Rack (3), Tank Mounted, Curbside
1	Lazy Susan Pipe Rack — Curbside (Holds 5 Pipes)

TOOL / STORAGE BOXES

1	(2) 24" x 18" x 18" Steel Tool Box (Extended Frame Units Without Rear Tanks)
1	Nozzle Toolbox, Steel — 16"W x 18"H x 30"D

VACUUM TUBING

2	5' x 8" Aluminum Pipe Extension
1	8" Adjustable Air Gap with Quick Clamp

PAINT

1	Paint Module: Single-Stage Polyurethane Candy Apple Red (Sherwin Williams Code: 918623)
1	Optional Striping Package — Black (692-5204-03)
1	Steel Upper Water Tank Panels Painted Textured Black in Lieu of Standard Aluminum Diamond Plate

WARRANTY

Standard Warranty — 12 Months
Debris Tank Warranty — 5 Years
Water Tank Warranty — 10 Years
Water Pump Drive Warranty — 5 Years

18

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SOURCEWELL CONTRACT PRICING

Description	Amount
V312/1300 LHP Combination Unit with Sourcewell Discount — Delivery Included	**$500,057.00**
2025 Volvo VHD64F300 — Allison 4500 RDS — Volvo D13 435 HP — 66,000 lb GVWR (In Stock)	$200,000.00
TOTAL PRICE OFFERED TO SOURCEWELL MEMBER	$700,057.00

TERMS & CONDITIONS

- Sourcewell Contract #101221-VAC
- Delivery to Sanitary Equipment Co., Inc., West Haven, CT Included
- Price Excludes Any Applicable Taxes, Tag, Title or Registration Fees
- Quotation Valid for 30 Days
- Chassis: 2025 Volvo VHD64F300 In Stock at Time of Quote — Subject to Prior Sale

For Questions or to Place an Order, Please Contact:

Mike Gregory | Sanitary Equipment Co., Inc.
(203) 747-0858 | mike@sanitaryequipment.com
25 Industry Drive, West Haven, CT 06516 — Serving All of New England

19

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CHASSIS SPECIFICATION (Full Spec Sheet Attached in Separate PDF)

Make / Model	2025 Volvo VHD64F300 — Conventional Chassis (In Stock, Stock #RV-1079)
VIN	4V5KC9EH1SN682637
Engine	Volvo D13 — 435 HP, Diesel
Engine Brake	Yes
Transmission	Allison 4500 RDS Automatic — 6 Speed
Front Axle	20,000 lb Capacity
Rear Axle	46,000 lb Capacity — 5.38 Ratio
Suspension	Hendrickson HAULMAAX 46K — Spring
GVWR	66,000 lbs
Wheelbase	207" — CA/CT 122.5"
Brakes	Air
Tires / Wheels	Front 315/80R22.5, Rear 11R22.5 — Steel Wheels
Fuel Tank	75 Gallon Aluminum — Left Hand
Color	White
Availability	In Stock — Available Now

Chassis specification summary per Gabrielli Truck Sales stock unit sheet (Stock #RV-1079, dated 7/15/2026). Full spec sheet available and attached separately.

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