

Minutes for the regular joint meeting of the Woodridge Lake Sewer District and the Board of Directors of the Woodridge Lake Sewer District, Tuesday, June 9, 2026, held remotely through Microsoft Teams video conferencing.

Call to order- James Mersfelder called the meeting to order on Tuesday, June 9, 2026, at 3:00 PM via Teams

Attendance - Board members attending: James Mersfelder, Jerry Abrahams, Norval Lunan, Raymond Turri, and Eric Raymond. Plant Supervisor Joe Carry. Guests attending Susan Strano and Dave Schmidt.

Approval of Minutes- The minutes of May 12, 2025, regular Board Meeting. Motion to approve was made by Raymond Turri and seconded by Norval Lunan; all approved.

Report of Plant Operations- Joe Curry, the Plant Superintendent, gave a detailed report, which is attached

Monthly Financial Report- Susan Strano reported that the financials are running the same as last year. There are 10 taxpayers with liens. Susan did some research on the delinquent payers to see if they were behind on any other tax bills, and they are not; all the other taxes are paid. James Mersfelder reported that the OT budget is \$69,000, and Joe has it down to \$25,000 currently. This shows a \$40,000 positive variance in the budget.

Executive Session: There was nothing to discuss.

.Old Business- There was nothing to discuss under old business.

New Business- Joe reported that DPC Engineering submitted a quote of \$19,942.26 to conduct an independent engineering assessment of Pump Stations 6 and 9, noting that the areas of concern are underground. Because this work was not included in the upcoming budget, the Board discussed the proposal. James Mersfelder moved to proceed with the assessment, seconded by Raymond Turri. The motion was approved unanimously. The Board also reviewed the revised Employee Handbook. Raymond Turri made a motion to approve the handbook, seconded by Eric Raymond. The motion was approved unanimously.

Adjournment- A motion was made by Norval Lunan, seconded by Jerry Abrahmas, to adjourn at 4:43 P.M., no discussion, so voted

Respectfully submitted,

Norval Lunan, Clerk



Woodridge Lake Sewer District

113 Brush Hill Road

PO Box 258

Goshen, CT 06756

New Business:

Training -

- Joe, Eric, and John continuing OSHA training in between plant duties
- Registered John for some free online wastewater courses to help with his Grade 1 exam

Plant activities –

- New Diffusers were delivered and assembled. Working on getting piping and valves for new manifolds
- Universal Septic finished cleaning the Effluent Contact tank, Grit channel, and Influent EQ tank. Effluent Contact tank will need rehab work at a later date. Concrete showing signs of degradation.
- Finished relocation of air compressor in garage with new piping and hose reels
- The Precision Group was awarded the Clarifier lining project. Anticipated start date of 6/22. Estimated time to complete: 2 weeks per Clarifier (weather permitting). New drive, motor, sprockets, chains, bearings, and shear pins ordered. All being delivered next week, except for the drive. 20-week lead time. Reached out to Eastern to do mechanicals. 1–2-week lag time between each Clarifier lining to give us time to adjust the plant and pump down the tanks.
- Knapp Engineering will be calibrating Effluent, RAS, WAS, Sludge Press flow meters, and RAS pit transducers. Mandatory to do yearly. Last calibration was 2021. Will be scheduling Lab equipment calibrations in the next 2 weeks
- Reached out to a company, Elateq, about a possible pilot program to help with BNR at the plant. Company came and took samples of our Effluent on 6/8.
- RAS pump 2 failed. Matt from Turri-Masterson responded and found a bad contactor. Contactor is obsolete. Installed an older 1 we had on shelf. Asked Matt to order 3 new equivalents.
- Lab incubator failed. New one is expected the week of 7/6. Sending BOD out until then.
- Turned on blowers 1 and 4 for analysis. Blower 1 works but is noisy. Blower 4 INOP. 1 and 4 appear to be original. 2 and 3 upgraded at some point. Will be getting replacement prices.
- Brush Mower failed. Ordered new parts. 3-week lead time, so we are falling behind on mowing fields.

- 1 Emergency call in on 3/18 at 1:50 AM. Joe responded. Loss of power. Had to reset RAS pumps, Clarifier drive, and Pump 1 at Station 6 went into overload.

Collection System –

- Installed new Carbon Odor Control Drum at Station 6 on 5/20. Ordered replacement filter. Need to properly dispose of expired filter
- New Emergency contact decals put on all stations.
- Eastern is installing new bolts at Station 9. Found a bad flange and bracket. Will be getting a repair price.
- Ongoing manhole inspections for relining failures going to Station 5. 67 of 161 manholes in that subsection have been inspected to date. Approx 18% of the whole collection system.
- Scope of work received from DPC for station assessment. (See New Business)
- Looking into units/programs for GIS mapping
- Started scanning past Eastern invoices for asset management.

Plant Performance-

- Flow - .068 min / .117 max / .093 avg
- Precipitation = 3.00" total rain
- B.O.D – Influent = 125.4 mg/l Effluent = 6.3 mg/l Removal = 95%
- Settable Solids - Influent = 162.1 mg/l Effluent = 2.6 mg/l Removal = 98%
- Biosolids – processed 74641 gallons into 735 ft³ or 5217.3 gallons at 18.21%

May 2026 WLS D

Effluent				Influent			Dissolved Oxygen						Sludge			BOD		Suspended Solids		
Ph	Temp	SS	NO3	NH3	Ph	Temp	SS	Eff	Ras	West C	West R	East R	East C	Digest	Cu Ft	% solids	Eff	Inf	Eff	Inf
7.11	11.4	<0.1	10.60	1.72	7.46	10.9	10.0	2.31	0.24	1.35	3.84	5.45	1.04							
7.16	11.8	<0.1	10.60	2.98	7.50	11.2	8.5	2.20	0.25	0.86	2.56	4.31	0.93	5000	50	16.00%				
7.10	12.1	<0.1	9.73	2.01	7.47	11.4	10.0	2.27	0.24	1.03	2.69	4.50	1.02	5000	50	18.60%				
7.17	13.1	0.2	9.73	2.14	7.55	12.0	8.5	2.90	0.23	0.87	3.27	5.09	0.83	6500	65	17.20%	3.9	114.3	3	126
7.15	12.4	<0.1	8.32	2.83	7.45	11.0	6.5	3.95	0.23	0.63	2.48	4.27	0.77							
7.13	11.8	<0.1	12.30	2.11	7.51	11.1	3.5	3.16	0.24	0.45	4.04	5.41	0.48							
7.16	12.2	<0.1	12.20	3.58	7.57	11.1	6.5	3.61	0.25	1.03	3.96	5.87	0.88							
7.02	11.8	<0.1	12.40	1.87	7.46	11.3	13.0	3.50	0.24	0.89	2.00	3.86	1.07	8500	85	15.60%				
7.14	12.3	<0.1	11.50	2.37	7.47	11.3	11.0	2.81	0.24	0.90	3.12	4.83	0.83	7500	75	17.00%	6.7	61.8	2.1	96.8
7.16	12.6	<0.1	8.32	2.83	7.48	11.5	7.5	2.76	0.22	1.02	2.22	4.34	0.76	5000	50	13.50%				
7.21	12.4	<0.1	12.00	2.65	7.33	11.5	20.0	2.65	0.23	0.87	1.82	3.72	0.91	5700	50	20.00%				
7.24	13.7	<0.1	7.15	4.03	7.51	12.2	15.0	3.27	0.22	0.44	0.63	2.77	0.47							
7.25	14.1	<0.1	6.62	3.49	7.60	12.5	9.5	3.01	0.20	0.34	0.81	2.81	0.51	4700	50	18.40%				
7.17	14.6	<0.1	6.83	2.68	7.29	12.9	31.0	3.55	0.21	0.57	0.33	2.33	0.66	5100	50	22.00%	7.7	225.0	2.7	277.6
7.22	14.7	<0.1	5.17	2.74	7.58	12.4	8.0	4.09	0.93	2.93	2.56	3.76	2.44	7500	75	18.80%				
7.28	13.6	<0.1	8.13	10.70	7.59	12.2	12.0	3.56	0.23	0.64	2.75	4.69	0.51							
7.45	13.9	<0.1	<0.23	12.20	7.56	12.8	21.0	3.73	0.23	0.35	0.30	0.84	0.84	7500	70	18.80%				
7.30	14.3	<0.1	<0.23	4.27	7.53	13.1	9.0	2.68	0.25	0.40	2.88	4.81	0.53				6.7	100.6	2.6	148
7.38	14.0	<0.1	0.38	4.00	7.55	12.3	15.0	3.24	0.22	0.30	3.07	4.76	0.45	4141	40	23.80%				
7.37	13.7	<0.1	2.82	5.98	7.62	12.3	12.0	4.13	0.24	0.65	4.35	5.97	0.32	2500	25	17.00%				
7.02	11.4	<0.1	0.230	1.72	7.29	10.9	3.5	2.20	0.20	0.30	0.30	0.84	0.32	2500	25	13.50%	3.9	61.8	2.1	96.8
7.45	14.7	0.2	12.40	12.20	7.62	13.1	31.0	4.13	0.93	2.93	4.35	5.97	2.44	8500	85	23.80%	7.7	225.0	3	277.6
7.21	13.0	<0.1	7.75	3.86	7.50	11.9	11.9	3.17	0.27	0.83	2.48	4.22	0.81	5742	57	18.21%	6.3	125.4	2.6	162.1

95%

98%

Woodridge Lake Sewer District

Monthly DEP Nutrient Analysis Report

Date:__ 5/13/2026

	Influent	Effluent
Ammonia	24.75	2.98
Nitrite	<0.60	<0.60
Nitrate	0.288	6.37
Total Nitrogen	28.05	11.52
TKN	27.82	4.76
Total Phos	8.49	7.67
Reactive Phos	5.98	7.46



Northwest Environmental Water Labs, Inc.
450 Meriden Rd Waterbury, CT 06705
(203) 437-4110 FAX (203) 725-0501
LAB# CT-PH-0537 EPA-061

Report of Analysis

Name: Woodridge Lake Sewer District
P.O. Box 258
Goshen, CT 06756
Sample Date: 5/20/2026 10:15 AM
Receipt Date: 5/21/2026 1:00 PM
Report Date: 6/3/2026
Sample Site: Wells 1

Sample ID#: 159548
Sample Type: Test
Sample Source: Grab
Sampler: John Client
Approved By: Shrouk

Parameter	Sample Result	Units	Limits	MDL	Analysis Date	Analyst	Method
Nutrient							
Ammonia as N(1)	0.54	mg/l	No Limit Set	0.1	6/3/2026	SA	SM4500NH3D
Kjeldahl Nitrogen as N(1)	3.89	mg/l	No Limit Set	1	5/30/2026	RR	10242
Total Nitrogen as N(1)	5.91	mg/l	No Limit Set	1	5/30/2026	CD	CALCTN
Total Phosphorus(1)	0.46	mg/l	No Limit Set	0.02	6/2/2026	RR	SM4500P E

ND = Not Detected
+ = Out of Range
MDL = Minimum Detection Level

Results Certified by Northwest Environmental Labs Inc.

Note: The test results are only valid for date sample was taken. We do not accept any liability for use of these results.



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450 Meriden Rd Waterbury, CT 06705
(203) 437-4110 FAX (203) 725-0501
LAB# CT-PH-0537 EPA-061

Report of Analysis

Name: Woodridge Lake Sewer District
P.O. Box 258
Goshen, CT 06756
Sample Date: 5/20/2026 11:30 AM
Receipt Date: 5/21/2026 1:00 PM
Report Date: 6/3/2026
Sample Site: Dog Pond

Sample ID#: 159547
Sample Type: Test
Sample Source: Grab
Sampler: John Client
Approved By: Shrouk

Parameter	Sample Result	Units	Limits	MDL	Analysis Date	Analyst	Method
Nutrient							
Ammonia as N(1)	ND	mg/l	No Limit Set	0.1	6/3/2026	SA	SM4500NH3D
Kjeldahl Nitrogen as N(1)	1.04	mg/l	No Limit Set	1	5/30/2026	RR	10242
Total Nitrogen as N(1)	12.1	mg/l	No Limit Set	1	6/2/2026	RR	CALCTN
Total Phosphorus(1)	0.15	mg/l	No Limit Set	0.02	5/23/2026	CD	SM4500P E
Nitrate as N(2)	10.2	mg/l	No Limit Set	0.25	6/2/2026	RR	300.0
Nitrite as N(2)	0.836	mg/l	No Limit Set	0.1	6/2/2026	RR	300.0
Orthophosphate(2)	ND	mg/l	No Limit Set	0.007	5/22/2026	CD	SM4500P

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LAB# CT-PH-0537 EPA-061

Report of Analysis

Name: Woodridge Lake Sewer District
P.O. Box 258
Goshen, CT 06756
Sample Date: 5/20/2026 11:30 AM
Receipt Date: 5/21/2026 1:00 PM
Report Date: 6/3/2026
Sample Site: Brooks St

Sample ID#: 159546
Sample Type: Test
Sample Source: Grab
Sampler: John Client
Approved By: Shrouk

Parameter	Sample Result	Units	Limits	MDL	Analysis Date	Analyst	Method
Nutrient							
Ammonia as N(1)	ND	mg/l	No Limit Set	0.1	6/3/2026	SA	SM4500NH3D
Kjeldahl Nitrogen as N(1)	ND	mg/l	No Limit Set	1	5/30/2026	RR	10242
Total Nitrogen as N(1)	10.9	mg/l	No Limit Set	1	6/2/2026	RR	CALCTN
Total Phosphorus(1)	0.1	mg/l	No Limit Set	0.02	6/2/2026	RR	SM4500P E
Nitrate as N(2)	10.1	mg/l	No Limit Set	0.25	6/2/2026	RR	300.0
Nitrite as N(2)	0.818	mg/l	No Limit Set	0.1	6/2/2026	RR	300.0
Orthophosphate(2)	ND	mg/l	No Limit Set	0.007	5/22/2026	CD	SM4500P

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LAB# CT-PH-0537 EPA-061

Report of Analysis

Name: Woodridge Lake Sewer District
P.O. Box 258
Goshen, CT 06756
Sample Date: 5/20/2026 10:00 AM
Receipt Date: 5/21/2026 1:00 PM
Report Date: 6/3/2026
Sample Site: Area Beds

Sample ID#: 159549
Sample Type: Test
Sample Source: Grab
Sampler: John Client
Approved By: Shrouk

Parameter	Sample Result	Units	Limits	MDL	Analysis Date	Analyst	Method
Nutrient							
Ammonia as N(1)	ND	mg/l	No Limit Set	0.1	6/3/2026	SA	SM4500NH3D
Kjeldahl Nitrogen as N(1)	1.39	mg/l	No Limit Set	1	5/30/2026	RR	10242
Total Nitrogen as N(1)	1.77	mg/l	No Limit Set	1	6/3/2026	CD	CALCTN
Total Phosphorus(1)	0.26	mg/l	No Limit Set	0.02	6/3/2026	CD	SM4500P E

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