

Minutes for the regular joint meeting of the Woodridge Lake Sewer District and the Board of Directors of the Woodridge Lake Sewer District, Tuesday, August 11, 2026, held remotely through Microsoft Teams video conferencing.

Call to order- James Mersfelder called the meeting to order on Tuesday, August 11, 2026, at 2:59 p.m. via Teams

Attendance- Board members attending: James Mersfelder, Jerry Abrahams, Ray Turri, Norval Lunan, and Eric Raymound. Plant Supervisor Joe Carey. Guest attending: Susan Strano

Approval of Minutes- The minutes of July 14, 2026, regular Board Meeting. Norval Lunan made a motion to approve, and Eric Raymound seconded; all approved.

Report of Plant Operations- Plant Supervisor Joe Carey provided a detailed report, which is attached.

Monthly Financial Report- James Mersfelder presented a financial update. Reported there is a \$100,000 increase in our fund balance from the prior year. Susan reported that 53% of the sewer taxes have been collected as of July 31. Jim brought up that any delinquent taxpayers would be sent to the Marshal after 1 year; all agreed. Also, we will write off small balances equaling \$45.98. Joe Carey brought to the board's attention the \$3,500.00 expense for Emergency manhole repairs, which was discussed and approved.

Executive Session- Ray Turri moved to go into executive session at 3:19 p.m., seconded by Eric Raymound, and the motion passed. The executive session was voted over at 3:27 p.m.

Old Business- There was no Old Business to discuss.

New Business- The board was updated on a call between James Mersfelder and the Bantam Lake Protective Association regarding the Association's activities within the watershed.

Adjournment- A motion was made by Norval Lunan, seconded by Eric Raymound, to adjourn at 3:30 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

July 2026

Plant Performance:

- Flow - 0.071 Min / 0.154 Max / 0.089 Avg / 2.671 Month Total
- Precipitation = 7.57"
- B.O.D - Influent = 153.9 mg/l Effluent = 9.4 mg/l Removal = 94%
Permit $\geq$ 90%
- Effluent Total Nitrogen (TN) = 13.49 mg/l. Slightly higher than normal
- Effluent Total Phosphorus (TP) = 3.33 mg/l. Still >50% less than 3-year average.
- Settable Solids – Influent = 251.8 mg/l Effluent = 4.6 mg/l Removal = 98%
Permit $\geq$ 90%
- Biosolids – processed 108271 gallons into 657 ft³ or 4914 gallons at 17.2%

Plant Activities:

- 7/31 – John Derasmo passed his Grade 1 exam. Promoted to Grade 1 on 8/3
- Precision finished relining East Clarifier. Job orders signed for the remaining tanks. Projecting to stay within budget. Set up a schedule with Precision to line a tank, wait 1 week, and start the next tank. This allows us time to isolate and pump down, vac out, and remove old diffusers for the next tank. The anticipated finish for all tanks was the second week of October, weather permitting. Ran into some problems with yard valves to isolate the tanks; working on a workaround to keep the project going. (See Before, During, After Photos)
- Reached out to 2 environmental testing companies for cathodic protection testing. Received both quotes. Recommendation is Aaron Environmental. Approximately \$3000.00 for all 6 tanks.
- Started changing diffusers in tanks. New diffusers to be installed in concert with each tank relining. (See photos of old diffusers)

- Switched polymers on sludge press. New polymer is producing higher % solids with less polymer needed. New polymer is \$300.00 per barrel less.
- Fire Equipment Headquarters recertified all fire extinguishers. 3 were out of spec. Waiting for new ones. Also sent out our 4-gas meter for calibration.
- Turri-Masterson Electric finished replacing lights in the garage and main building and installed a new exhaust fan in the main building.
- 7/22 Crew responded for phase loss at Pump Stations 1,2,3. Had to connect the generator up. All crew worked until 5:45 PM. The problem was the transmission line on Milton Rd.
- 7/27 Joe called in for phase loss at pump stations 1, 2, and 3. Stations were ok upon arrival
- 7/28 Eric responded to a generator run alarm at pump station 9. Found limbs on wires that caused a fire. Joe came back in to assist.
- Total Emergency O.T for the month was 11 Hrs.
- 8/3 Joe called in at 3:30 AM for High Wet Well Levels at pump stations 6 and 9. 3" of rain in 2.5 hours. Reset pump #2 at station 9. Pump #2 at station 6 was INOP. Called Eastern in at 7:00 AM. Pulled pump #2 at station 6 and 9, de-ragged and primed the pump. Seems to be ok now. Brought Tony from Eastern to the plant to discuss problems with yard valves, and when walking the plant, found the sidewalk was bubbling. Main Air Line was leaking underground. 8/4 Eastern excavated and found bad pipe joints. (see pictures). Repaired pipe on 8/5 and also buried conduit to Frac tanks for heat tape. Working on schedule to repair yard valves.
- Scheduled Eastern to install new plug valves in RAS pit. Old valves failed. We need to stop the flow to the clarifiers to complete the job.
- 8/6 ordered 3 inflatable plugs designed for remote locations as a temporary workaround to isolate tanks.
- Rory McNamara's last day was 8/6. Expressed interest in coming back up to work during winter break.
- Staff started Entryway/Breakroom remodel, 90% completed.

Collection System:

- 7/21 responded to a call for a manhole sinking on Marshepaug Rd. Determined that the frame was severely offset from the sewer cone and the lid was cracked/structurally unsafe. Crew installed a new lid and called a contractor for emergency repair. Repair was \$3500.00 (See pictures)

- Eastern has parts for repair of pipe and flanges at Station 9. Was scheduled for 8/4 but canceled due to flows and main air line repair. Will reschedule asap.
- 7/20 DPC performed pump station assessment for Station 6 and 9. Report should be ready in 3-4 weeks.
- Due for semi-annual pump station cleanings. Waiting until summer camp ends 8/14 to proceed.

July 2026 WLSD

	Weather				EFF	RAS			WAS		Contact					Reaeration				
Date	Weather	Min	Max	Percip	MGD	Flow	%	%solids	Gal	Lbs	PH	Temp	30 ssv	mg/l	SVI	PH	Temp	30 ssv	mg/l	SVI
7/1/2026	Fair	66	91	0.32	0.088	0.137	154%	0.43	4460	159	7.16	17.1	500	4072	123	7.11	17.6	700	3924	178
7/2/2026	Fair	70	95		0.094	0.393	419%	0.54	4500	203	7.04	18.3	500	3472	144	7.23	17.6	300	2308	130
7/3/2026	Fair	72	92		0.094	0.393	419%													
7/4/2026	Fair	68	87	0.57	0.106	0.382	362%		8100											
7/5/2026	Fair	64	77	0.12	0.106	0.382	362%													
7/6/2026	Rain	67	64	0.99	0.107	0.331	310%	0.53	4650	206	7.19	17.0	640	4016	159	7.10	17.5	800	4980	161
7/7/2026	Rain	55	63	0.95	0.095	0.343	361%	0.52	6620	287	7.08	16.9	720	4216	171	7.28	16.7	650	3448	188
7/8/2026	Fair	56	82		0.082	0.332	404%	0.50	6740	281	7.06	17.2	670	4124	162	7.17	17.4	780	4816	162
7/9/2026	Fair	64	84		0.082	0.263	322%	0.49	4510	184	7.06	17.6	720	4080	176	7.24	17.4	550	3388	162
7/10/2026	Fair	66	81		0.090	0.205	229%	0.52	7970	346	7.18	17.9	730	3968	184	7.14	18.4	830	5044	164
7/11/2026	Fair	62	83		0.082	0.160	196%		6820											
7/12/2026	Fair	60	86		0.082	0.160	196%													
7/13/2026	Fair	60	80		0.073	0.146	200%	0.55	7290	334	7.27	16.8	620	4080	152	7.23	16.8	800	4660	172
7/14/2026	Fair	64	84		0.083	0.123	149%	0.57	4530	215	7.13	17.0	630	3412	185	7.39	16.6	390	2532	154
7/15/2026	Cloudy	66	80		0.073	0.408	559%	0.49	6710	274	7.11	18.1	540	3576	151	7.27	18.4	610	4356	140
7/16/2026	Cloudy	61	79		0.075	0.383	511%	0.36	6000	180	7.20	17.4	470	2856	164	7.33	17.4	400	2580	155
7/17/2026	Fair	57	80		0.089	0.326	367%	0.34	6040	171	7.21	17.1	490	3048	161	7.24	17.3	630	3428	184
7/18/2026	Cloudy	61	73	0.29	0.092	0.333	362%		5970											
7/19/2026	Fair	59	72		0.092	0.333	362%													
7/20/2026	Fair	50	76		0.083	0.394	476%	0.34	3460	98	7.31	16.4	530	3288	161	7.33	16.4	640	3676	174
7/21/2026	Rain	59	73	0.47	0.071	0.361	507%	0.36	10780	324	7.22	17.5	630	3472	181	7.34	17.2	540	3072	176
7/22/2026	Fair	59	79		0.083	0.399	483%	0.32	0	0	7.30	18.1	440	2844	155	7.25	18.4	560	3400	165
7/23/2026	Fair	52	74		0.087	0.370	427%	0.32	3510	94	7.17	17.6	490	3264	150	7.20	17.8	570	3668	155
7/24/2026	Fair	54	81		0.081	0.356	437%	0.32	8330	222	7.22	17.4	540	3044	177	7.16	17.7	790	3668	215
7/25/2026	Fair	54	80		0.085	0.383	451%		3580											
7/26/2026	Fair	54	83		0.085	0.383	451%													
7/27/2026	Cloudy	59	81	0.05	0.082	0.329	401%	0.37	6360	196	7.31	17.7	520	3348	155	7.13	17.8	640	3412	188
7/28/2026	Cloudy	62	75	0.54	0.084	0.232	277%	0.32	5560	148	7.23	18.0	610	3300	185	7.25	18.3	720	3720	194
7/29/2026	Rain	63	69	2.95	0.154	0.379	246%	0.28	5280	123	7.37	17.5	300	2140	140	7.18	18.7	720	3944	182
7/30/2026	Rain	62	74	0.32	0.095	0.326	341%	0.38	5990	190	7.12	17.8	630	3460	182	7.18	18.1	740	3908	189
7/31/2026	Fair	61	82		0.086	0.414	482%	0.28	6120	143	7.19	17.9	430	3024	142	7.15	18.2	590	3632	162
	Minimum	50	63	0.05	0.071	0.123	149%	0.28	0	0	7.04	16.4	300	2140	123	7.10	16.4	300	2308	130
	Maximum	72	95	2.95	0.154	0.408	559%	0.57	10780	346	7.37	18.3	730	4216	185	7.39	18.7	830	5044	215
	Average	61	79		0.089	0.315	358%	0.42	5765	199	7.19	17.5	561.4	3459	162	7.22	17.6	634	3707	170.45
	Month Total			7.57	2.671				149880	4378										
	Removal %																			

July 2026 WLS D

July 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
7.38	17.5	<0.1	2.34	5.03	7.42	15.1	7.0	2.91	0.22	0.39	0.27	0.83	0.50	3750	25	15.2%				
7.28	18.6	<0.1	4.07	5.71	7.55	15.9	18.0	3.52	0.21	0.28	0.26	0.47	0.46							
7.38	16.9	<0.1	2.94	9.77	7.54	15.1	25.0	3.12	0.21	0.52	0.32	0.96	0.51	9800	62.5	18.5%				
7.29	16.7	0.1	4.65	3.90	7.47	15.0	10.0	3.12	0.23	0.41	0.26	1.26	0.45	8600	50	17.9%				
7.25	17.0	<0.1	8.74	0.63	7.52	15.4	19.0	3.04	0.22	1.81	0.29	3.05	0.80	5975	37.5	16.4%			3.4	210.8
7.31	17.7	0.1	8.35	0.59	7.52	16.3	6.5	2.89	0.21	0.92	0.30	1.59	0.39			17.7%				
7.32	18.0	<0.1	2.73	7.03	7.53	15.7	25.0	4.07	0.25	0.50	0.37	0.60	0.36	4057	25					
7.49	16.6	<0.1	3.02	16.70	7.56	15.1	14.0	3.03	0.21	0.34	0.35	0.71	0.56							
7.30	17.1	<0.1	8.24	7.97	7.56	15.4	11.0	2.71	0.22	0.57	0.32	0.38	0.47	9229	75	17.1%				
7.22	18.3	<0.1	9.53	4.52	7.61	15.8	11.0	1.71	0.24	0.53	0.52	0.28	0.35	9494	75	17.2%				
7.35	17.6	0.1	4.48	4.41	7.63	15.4	11.0	2.91	0.28	0.58	0.24	0.27	0.57	1000	7	16.9%	9.4	105.0	2.8	255.2
7.36	17.1	<0.1	4.00	4.86	7.64	15.1	17.0	2.82	0.24	0.58	0.27	0.41	0.78							
7.49	16.3	<0.1	2.97	19.30	7.32	15.0	25.0	2.79	0.27	0.41	0.25	0.34	0.48	9004	50	17.3%				
7.48	17.4	<0.1	1.20	15.50	7.56	15.7	19.0	3.06	0.23	0.37	0.22	0.55	0.39							
7.49	17.8	<0.1	2.16	10.80	7.62	16.0	13.0	3.13	0.21	0.43	0.29	0.88	0.35	10925	50	17.9%			3.1	230
7.41	17.3	<0.1	2.24	10.00	7.51	15.6	31.0	2.91	0.22	0.42	0.28	0.70	0.59	7137	50					
7.44	17.5	<0.1	3.77	6.09	7.55	15.8	8.0	2.87	0.23	0.30	0.29	0.92	0.35							
7.46	17.8	0.1	0.18	16.40	7.45	16.1	37.0	2.89	0.24	0.38	0.24	0.48	0.38	10000	50	19.3%				
7.44	18.0	<0.1	0.91	14.80	7.55	16.2	25.0	3.16	0.22	0.25	0.26	0.67	0.30							
7.48	17.7	<0.1	1.39	18.30	7.48	16.7	24.0	2.18	0.23	0.35	0.23	0.52	0.34	10000	50	15.3%		202.7	9.1	311.2
7.35	17.9	<0.1	1.35	15.30	7.61	16.1	6.0	2.93	0.22	0.39	0.26	0.77	0.41	9300	50	16.5%				
7.33	18.4	<0.1	2.72	4.42	7.65	17.3	11.0	2.88	0.23	0.33	0.27	0.93	0.39							
7.22	16.3	<0.1	0.18	0.59	7.32	15.0	6.0	1.71	0.21	0.25	0.22	0.27	0.30	1000	7	15.2%	9.4	105	2.8	210.8
7.49	18.6	0.10	9.53	19.30	7.65	17.3	37.0	4.07	0.28	1.81	0.52	3.05	0.80	10925	75	19.3%	9.4	202.7	9.1	311.2
7.38	17.5	<0.1	3.77	9.18	7.54	15.7	17.0	2.94	0.23	0.50	0.29	0.80	0.46	7734	47	17.2%	9.4	153.9	4.6	251.8
														108271	657					
																	94%		98%	

Report Date.....27-Jul-26
 EML Project ID.....260717-GOS-A
 Your Project ID.....Nitrogen General Permit
 Monthly Nutrient Testing
 Date Sampled.....16-Jul-26
 Date Submitted.....17-Jul-26

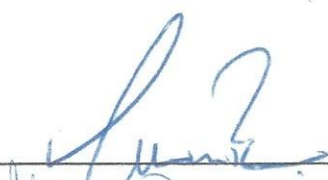
Woodridge Lake Sewer District
 113 Brush Hill Road
 Goshen, CT 06756

Attn: Mr. Joe Carey

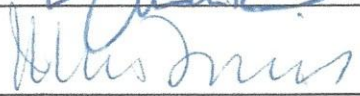
Results in mg/L unless otherwise noted.
 ND = Not Detected.

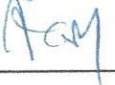
Parameter	Final Effluent	Influent	Det Limit	Method	Completed		Analyst
					Date	Time	
Ammonia as N	4.50	26.0	<0.1	4500-NH ₃ D	17-Jul-26	1500	JC
Biochemical Oxygen Demand	9.4	105.	<1	5210B	22-Jul-26	1030	JC
Total Kjeldahl Nitrogen	5.0	30.0	<0.1	4500-N _{org} B	21-Jul-26	1700	JC
Nitrate as N	8.39	3.80	<0.1	4500-NO ₃ F	17-Jul-26	1739	JC
Nitrite as N	0.10	0.14	<0.1	4500-NO ₃ F	17-Jul-26	1617	JC
Total Nitrogen	13.49	33.94	<0.1	----	21-Jul-26	1700	JC
Ortho-Phosphate as P	3.16	3.44	<0.05	4500-P E	17-Jul-26	1823	JC
Total Phosphorus as P	3.33	3.47	<0.05	4500-P E	21-Jul-26	1246	JC

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Technical Reviewer: 

Title: 

Transcript Reviewer: 

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ENVIRONMENTAL MONITORING LABORATORY, INC.

Report Date.....27-Jul-26
 EML Project ID.....260717-GOS-A
 Your Project ID.....Nitrogen General Permit
 Monthly Nutrient Testing
 Date Sampled.....16-Jul-26
 Date Submitted.....17-Jul-26

Woodridge Lake Sewer District
 113 Brush Hill Road
 Goshen, CT 06756

Attn: Mr. Joe Carey

Results in mg/L unless otherwise noted.
 ND = Not Detected.

Parameter	Final Effluent	Influent	Det Limit	Method	Completed		Analyst
					Date	Time	
Alkalinity	189.	196.	<1	310.2	17-Jul-26	1439	JC

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Technical Reviewer: [Signature]

Title [Signature]

Transcript Reviewer: [Signature]

Title [Signature]



ENVIRONMENTAL MONITORING LABORATORY, INC.

Report Date.....27-Jul-26
EML Project ID.....260717-GOS-A
Your Project ID.....Nitrogen General Permit
Monthly Nutrient Testing
Date Sampled.....16-Jul-26
Date Submitted.....17-Jul-26

Woodridge Lake Sewer District
113 Brush Hill Road
Goshen, CT 06756

Attn: Mr. Joe Carey

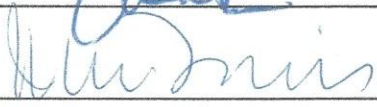
Results in mg/L unless otherwise noted.
ND = Not Detected.

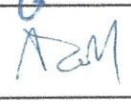
Parameter	Influent	Det Limit	Method	Completed		Analyst
				Date	Time	
Oil & Grease, Total	6.0	<1	1664A	20-Jul-26	1200	AB

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Technical Reviewer: 

Title 

Transcript Reviewer: 

Title 



ENVIRONMENTAL MONITORING LABORATORY, INC.

Report Date.....23-Jul-26
EML Project ID.....260717-GOS-B
Your Project ID.....Nitrogen General Permit
Monthly Nutrient Testing
Date Sampled.....16-Jul-26
Date Submitted.....17-Jul-26

Woodridge Lake Sewer District
113 Brush Hill Road
Goshen, CT 06756

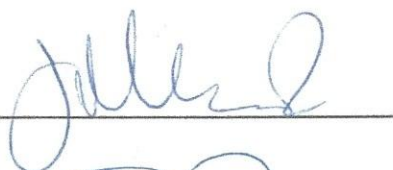
Attn: Mr. Joe Carey

Results in mg/L unless otherwise noted.
ND = Not Detected.

Parameter	MW-1	MW-2	Det Limit	Method	Completed		Analyst
					Date	Time	
Ammonia as N	0.64	ND	<0.1	4500-NH ₃ D	17-Jul-26	1500	JC
Total Kjeldahl Nitrogen	0.80	0.46	<0.1	4500-N _{org} B	21-Jul-26	1700	JC
Nitrate as N	ND	ND	<0.1	4500-NO ₃ F	17-Jul-26	1744	JC
Nitrite as N	ND	ND	<0.1	4500-NO ₃ F	17-Jul-26	1620	JC
Total Nitrogen	0.80	0.46	<0.1	----	21-Jul-26	1700	JC
Ortho-Phosphate as P	ND	ND	<0.05	4500-P E	17-Jul-26	1825	JC
Total Phosphorus as P	ND	ND	<0.05	4500-P E	21-Jul-26	1253	JC

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ENVIRONMENTAL MONITORING LABORATORY, INC.

Report Date..... 23-Jul-26
 EML Project ID..... 260717-GOS-C
 Your Project ID..... Nitrogen General Permit
 Monthly Nutrient Testing
 Date Sampled..... 16-Jul-26
 Date Submitted..... 17-Jul-26

Woodridge Lake Sewer District
 113 Brush Hill Road
 Goshen, CT 06756

Attn: Mr. Joe Carey

Results in mg/L unless otherwise noted.
 ND = Not Detected.

Parameter	Area	Brooks	Dog Pond	Det Limit	Method	Completed Date	Time	Analyst
Ammonia as N	ND	ND	0.12	<0.1	4500-NH ₃ D	17-Jul-26	1500	JC
Total Kjeldahl Nitrogen	1.74	0.72	0.61	<0.1	4500-N _{org} B	21-Jul-26	1700	JC
Nitrate as N	ND	2.46	ND	<0.1	4500-NO ₃ F	17-Jul-26	1750	JC
Nitrite as N	ND	ND	ND	<0.1	4500-NO ₃ F	17-Jul-26	1623	JC
Total Nitrogen	1.74	3.18	0.61	<0.1	----	21-Jul-26	1700	JC
Ortho-Phosphate as P	ND	ND	ND	<0.05	4500-P E	17-Jul-26	1830	JC
Total Phosphorus as P	0.12	ND	ND	<0.05	4500-P E	21-Jul-26	1257	JC

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ENVIRONMENTAL MONITORING LABORATORY, INC.