VILLAGE OF RED HOOK
BOARD OF TRUSTEES MEETING
VILLAGE HALL
AUGUST 11, 2025

Present: Mayor Karen Smythe, Deputy Mayor Melkorka Kjarval, Trustee Frances Uku, Trustee Amy Smith, Trustee Anthony Maccarini, and Deputy Village Clerk Diana Devens

Absent: None

Mayor Smythe opened the Village Board meeting at 7:06pm.

Mayor Smythe led the Pledge of Allegiance.

Mayor Smythe welcomed the newly appointed trustee, Anthony Maccarini, to the board.

Mayor Smythe asked for a motion to accept the minutes from the July 28, 2025 Workshop Meeting and August 4, 2025 Special Workshop Meeting. The motion was made by Trustee Smith and seconded by Deputy Mayor Kjarval.

The foregoing motion was duly put to a vote, which resulted as follows:

Mayor Smythe	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Deputy Mayor Kjarval	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Uku	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Smith	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Maccarini	☐ Aye	☐ Nay	☒ Abstain	☐ Recuse	☐ Absent/Excused
Vote Total	4		1		
Result	Motion: Passed				

Mayor Smythe introduced Les Coon, H2O Innovations, new Water & Sewer Operator, as of August 1. She read her July Sewer report (on-file). Mr. Coon summarized current operations over prior 11 days – great start.

RESOLUTION # 32 – 2025
RESOLUTION TO APPOINT PUBLIC SPACES COMMITTEE MEMBERS

WHEREAS, the Village of Red Hook (the Village) has established the Public Spaces Committee by Resolution #27-2025; and

WHEREAS, the Village wishes to appoint members to this committee; and

WHEREAS, in order to establish two year terms going forward ending in early April along with other committees, these appointments will be for less than two years.

NOW, THEREFORE, BE IT RESOLVED THAT,

The Board approves the Mayor's appointments as listed below:

Public Spaces Committee

As members:

- Ash Bradley-Rickard – also Chair of the Committee
- Betsy Brauer – Village Resident

- David Sokol – Village Resident
- Linda DiGasper – Town Resident – Environmental scientist, Master Gardener, Town Trails Committee member
- Barbara Westermann – Town Resident – artist, sculptor, installation artist

These terms will end 4/5/27 to allow for coordinated timing with other committees. Going forward, future terms will be a full two years.

Motion by: Trustee Smith Seconded by: Trustee Uku

The foregoing motion was duly put to a vote, which resulted as follows:

Mayor Smythe	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Deputy Mayor Kjarval	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Uku	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Smith	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Maccarini	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Vote Total	5				
Result	Motion: Passed				

Mayor Smythe, read the July Tax Receiver's Report.

Property Taxes Due (total)	$1,444,135.28
Property Taxes (total parcels)	758
Property Taxes Received	$1,366,336.98
Penalties/Finance Charges Received	$1,374.25
Total Received	$1,367,711.23
Accounts Receivable Outstanding to the Village as of 8/1/2025	$77,798.30
Number of Parcels Outstanding	37

Mayor Smythe summarized Phase 2A of the WIIA grant funded project – three elements (SCADA software for water treatment plant, rehabilitation of water tower, Graves & Cherry Street water main replacement). She discussed the final change order (deduction) for this project related to SCADA project – reducing the total contract.

Mayor Smythe asked for a motion to approve the Water System SCADA Upgrades Project Contract #1E – Construction Change Order No. 2 (Avanti Controls) and authorize her to sign. The motion was made by Deputy Mayor Kjarval and seconded by Trustee Uku. All in favor. Motion approved.

Mayor Smythe & Trustee Smith discussed the status of the draft Events permit.

Trustee Smith summarized the Event application submitted by the 501c(3) organization that will be producing Hardscrabble Day on Village property (municipal lot).

Trustee Uku asked how the Village supports Hardscrabble and the Hardscrabble funds.

Mayor Smythe asked for a motion to approve the Hardscrabble event application. The motion was made by Trustee Smith and seconded by Mayor Smythe. All in favor. Motion approved.

Trustee Smith introduced the Events permit review procedures for both the Village's review and the applicant's application requirements. Submittal of the "Event Interest Form" starts the process and it includes meetings with the Events Committee and application approval by the Board of Trustees. Trustee Smith also discussed the timeline for this process.

Trustee Uku asked about how someone would find out about process to have a block party. The finalized forms and law will ultimately be available on the website but until then, all interested residents should contact a Trustee or Village Clerk to start process.

Mayor Smythe introduced the Rebuilding Together Hudson Valley (RTHV) grant program and the request by RTHV for a letter of support.

Mayor Smythe asked for a motion to authorize her to send a letter of support for Rebuilding Together Hudson Valley on behalf of the Board. The motion was made by Trustee Uku and seconded by Trustee Smith. All in favor. Motion approved.

Mayor Smythe reviewed the revised draft of Village of Red Hook and Town of Red Hook Police Services Agreement. Trustee Smith requested that it not automatically renew. Mayor Smythe stated that the contract includes a clause that it allows for cancelation at any time. The Board discussed how the contract might need to change in the future if the Boat Club acquisition occurs. Trustee Maccarini asked about how police officer time is measured and billed.

Mayor Smythe asked for a motion to authorize her to sign the 2025 Village of Red Hook and Town of Red Hook Police Services Agreement. The motion was made by Deputy Mayor Kjarval and seconded by Mayor Smythe. All in favor. Motion approved.

Mayor Smythe summarized the proposed water service agreement with 32 Hewlett Road. Discussed providing water service to town properties and the value of a Town Water District.

Mayor Smythe asked for a motion to authorize her to sign the Water Service Agreement Contract with 32 Hewlett Road (Town of Red Hook). The motion was made by Trustee Smith and seconded by Trustee Uku. All in favor. Motion approved.

Trustees discussed sending a letter to the Red Hook Town Board stating the Village Board's concerns regarding the eminent domain proceedings to purchase the Red Hook Boat Club. Trustees reviewed the draft letter written by Trustee Smith on behalf of the Village Board. Trustee Uku questioned the intent of sending the letter as the Town Board had already voted to move forward. Trustee Smith stated that she hoped a letter would call the Town Board's attention to the lack of discussion and planning for impacts on the Red Hook Police Department to provide emergency services to a waterfront public park. Mayor Smythe clarified that the Town Board needs to have an additional vote on eminent domain and conclude pending lawsuits prior to the final sale. Trustees discussed the use of Community Preservation Fund, to which Village homebuyers contribute, for the purchase. Mayor Smythe stated she only wanted to send a letter if all Trustees are in support.

It was duly put to a vote, which resulted as follows:

Mayor Smythe	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Deputy Mayor Kjarval	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Uku	☐ Aye	☒ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Smith	☒ Aye	☐ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused
Trustee Maccarini	☐ Aye	☒ Nay	☐ Abstain	☐ Recuse	☐ Absent/Excused

Trustees tabled the discussion of a letter to a future meeting.

There were no budget adjustments.

COMMITTEE REPORTS:
Marybeth De Filippis read the Treasurer's report and provided financial year to date budget statements to the Board of Trustees for review.

ACCOUNT BALANCES (7/31/2025)

General Fund	$ 362,093.07
NYCLASS General Fund	$ 1,301,181.79
Water Fund	$ 203,435.93
NYCLASS Water Fund	$ 150,136.36
Sewer Fund	$ 32,803.45
Payroll Clearing Account	$ 59,357.18
Hardscrabble Account	$ 5,994.48
Village Green	$ 5,264.68
Health Insurance Deductible Account	$ 10,390.57

RESERVE CHECKING BALANCES

Fire Department (M&T)	$ 10,574.79
Police Department (M&T)	$ 18,170.97
USDA Water Reserve (M&T)	$ 147,850.84
Highway Reserve (M&T)	$ 606.76
Snow Reserve (M&T)	$ 3,491.51
Tower Reserve (M&T)	$ 18,856.52
Unemployment Reserve (M&T)	$ 7,479.62
Court Reserve (M&T)	$ 3,511.86
Office Reserve (M&T)	$ 1,035.39

MONTHLY EXPENSES (July)

General Fund	$ 202,860.42
Water Fund	$ 150,139.55
Payroll Clearing Account	$ 2,600.72
Sewer Fund	$ 19,784.74

Mayor Smythe asked for a motion to accept the Treasurer's Report. Trustee Maccarini made the motion and it was seconded by Trustee Uku. All in favor. Motion approved.

Mayor Smythe read the Police report:

July 2025	**Total**	***Village of Red Hook***	***Town of Red Hook***	***Tivoli***
Incidents (i.e., lock outs, SRO, traffic control, drug take backs, finger printing)	297	163	114	20
Water Tower Security Checks		118 (included in above)		
Uniform Traffic Tickets	65	47 (inc. 8 parking tickets)	13 (inc. 0 parking tickets)	5 (inc. 1 parking ticket)
Arrests	3	2	1	0

Mayor Smythe summarized the Fire Department's June Reports: within the Village there were 18 dispatches – Fire Company did not necessarily respond (including 15 EMS, 2 alarms, and 1 person in distress).

Mayor Smythe read reports including Personnel, WIIA Water Projects, Sewer Project I, Sewer Expansion Phase II, WWTP Operations, Benner Road Tributary Coalition, Red Hook Library, Public Spaces Initiative, Climate Smart Community Task Force, and Saw Kill Watershed Community (on-file).

Deputy Mayor Kjarval read reports including Building Department, Zoning & Planning Department, Red Hook Together, Communication Committee, Human Relations Committee, and Town of Red Hook Comprehensive Plan Committee (on-file).

Trustee Uku read reports on Village Green, Materials Management, and Department of Public Works (on-file).

Trustee Smith read reports on Water Department (including utility billing report), Grants (example, NY Forward), and School Speed Zone & Village-wide 25 MPH project (on-file).

Mayor Smythe asked for a motion to pay all Village bills after audit. Trustee Uku made the motion and it was seconded by Trustee Smith. All in favor. Motion approved.

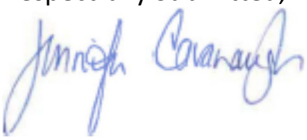
Trustee Uku asked about tabling at Hardscrabble Day. Trustee Smith stated that there is a form on www.Hardscrabble.org or email redhook.hec@gmail.com.

No public comment.

No executive session.

Mayor Smythe asked for a motion to adjourn the August 11, 2025 Village Board Meeting at 9:48pm. Trustee Smith made the motion and it was seconded by Trustee Maccarini. All in favor. Motion approved.

Respectfully Submitted,



Jennifer Cavanaugh, Clerk

Committee Reports

(Not Part of the Official Meeting Minutes)

Village of Red Hook
SEWER DEPARTMENT REPORT
July 2025

Operations continue to go well. The two test reports in July were in full compliance with our SPDES permit. DEC did an inspection on July 15th which resulted in a report that stated the plants were "operating in a satisfactory manner, and no major deficiencies were noted…". The full report is available on the Village website under Departments/Sewer Department/ Wastewater Treatment Plants Operations, toward the bottom of the page.

We received no odor complaints in the month of July.

DPW Foreman Jake Smith set up an alarm to go off if the EQ tank gets too full. We have approved a contract with Vector Security to update the alarm system at the WWTPs. Will update with timing when confirmed.

We received a Consent Order from NYS Department of Environmental Conservation on July 3, 2025 via email. This consent order stems from the Notice of Violation dated April 14, 2025, from the DEC site inspection visit on March 21, 2025. DEC has amended our Consent Order, reducing the fine to be paid to $5,000. The remaining amount is suspended as long as we comply with the requirements of the Consent Order. The Consent Order was approved by the Board at a special meeting on August 4th. It has been signed along with the fine and sent to DEC as required. The original Consent Order and the revised one are also on the Village website on the WWTP page at the very bottom.

H2O Innovation Operation & Maintenance LLC officially became our Water & Wastewater Operator as of August 1, 2025. We are looking forward to working with them to maintain proper operations of the WWTPs and to layout long term maintenance and capital plans to ensure that we stay up to date with our operations.

DELAWARE ENGINEERING, D.P.C.

28 Madison Avenue Extension
Albany, New York 12203

Tel: 518.452.1290
Fax: 518.452.1335

July 22, 2025

The Honorable Mayor
Karen Smythe
Village of Red Hook
7467 S Broadway,
Red Hook, NY 12571

Subject: Village of Red Hook WWTP – **June 2025** Sewer Report

Dear Mayor Smythe:

The Old Plant (outfall 1B) was placed in operation on May 28, 2025 and treatment on that side took a few weeks to fully treat the wastewater. This startup lead to discharge permit violations for total suspended solids (June 5) and settable solids (June 6). Note that even with the high effluent solids BOD, ammonia, and fecal were all incompliance for the whole month.

Since June 6, treatment on both sides has been in full compliance with the discharge limits. The effluent quality has been very clear and odorless.

The effluent flow meter on the Old Plant was re-calibrated June 20, 2025 and confirmed that the flow data recorded prior to that date was artificially high by a factor of approximately 2.

The modifications noted in the May 2025 report will be needed to continue compliance.

The following data is extracted from the DMR reports attached to this letter.

Parameter	**Units**	**Result Old Plant**	**Result New Plant**	**Limit**
Average Day Flow	mgd	0.0196	0.0286	0.025/0.05 (1) max
Total Suspended Solids (TSS)	mg/L	29.5	7.56	10 max
Carbonaceous BOD_5 (5-Day)	mg/L	4.7	<4.0	5 max
Total Ammonia Nitrogen (as N)	mg/L	0.644	0.735	0.98 (2) max
UOD	mg/l	32.3	19.5	34 max
Fecal Coliform	MPN/100	<10	<10	200 (3) max
Dissolved Oxygen	mg/L	7.21	8.17	7 min

Notes:

1. Outfall 1A (New Plant) has a monthly average flow limit of 50,000 gpd and outfall 1B (Old Plant) has a monthly average flow limit of 25,000 gpd.
2. The limit for Total Ammonia Nitrogen (as N) is 0.98 mg/L from June 1st to October 31st and 1.81 mg/L from November 1st and May 31st.
3. The limit for Fecal Coliform is regulated as 200 No./ 100m over a 30-Day geometric mean and 400 No./ 100m over a 7-Day geometric mean.

Please call me at 518-452-1290 if you have any questions.

Sincerely,

Roberto Flores

Roberto Flores, P.E.

New York State Department of Environmental Conservation

Division of Water

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF June 2025

SPDES PERMIT NO.	FACILITY NAME	FACILITY OWNER	FACILITY LOCATION
NY-0271420	**Village of Red Hook WWTP - New Plant, Outfall 1A**	**Village of Red Hook**	**US Route 9 (near O'Callaghan Ln)/Village of Red Hook**

					TEMPERATURE [Permit: Max Eff. = 70°F]			pH [Permit: 6.5-8.5 S.U.]					Activated Sludge Process Control				
			Flow Totalizer	VOLUME OF SEWAGE TREATED [Permit: Monthly Ave. Dly Average							SETTLEABLE SOLIDS [Permit: 0.1 mL/L]	D.O. [Permit: 7.0 mg/L]	MIXED LIQUOR [Target 3000]	SETTLEABLE SLUDGE			WASTE ACT.
		Daily Precip.			Influent	In-Plant	Effluent	Influent	In-Plant	Effluent	Effluent	Effluent	S.S. (MLSS)	Volume (SSV)(mL/L)			Sludge(WAS)
DAY	DATE	in/day	Gal	GPD	(°F)(2)	(°F)(2)	(°F)(2)	S.U.	S.U.	S.U.	mL/L	mg/L	mg/L	5 Min	30 min	60 min	min/day
Sun	1	0.012	33291526	31876	53		57	7.25		8.15	<0.1	8.71	2720	960	840		0
Mon	2	0.000	33323402	28341	52		56	7.48		8.27	<0.1	8.26	2720	980	840		0
Tue	3	0.000	33351743	25318	51		57	5.36		8.10	<0.1	8.43		980	880		0
Wed	4	0.000	33377061	29242	52		56	6.71		8.25	<0.1	8.71	2710	900	800		0
Thu	5	0.006	33406203	28860	51		58	6.41		8.02	<0.1	8.32		900	800		0
Fri	6	0.438	33435063	33652	52		59	6.82		7.31	<0.1	8.17	2850	940	710		0
Sat	7	0.290	33468715	28778	53		58	6.87		7.42	<0.1	8.24		950	700		0
Sun	8	0.011	33497493	26592	52		58	6.82		7.38	<0.1	8.27		930	700		0
Mon	9	0.280	33524085	2906	54		57	6.89		7.32	<0.1	8.31		900	720		0
Tue	10	0.118	33550191	26133	51		56	6.82		7.36	<0.1	8.32		900	700		0
Wed	11	0.000	33576313	34992	51		56	6.87		7.31	<0.1	8.27	2940	890	660		0
Thu	12	0.000	33611305	25182	53		59	6.92		7.38	<0.1	8.37		880	670		0
Fri	13	0.000	33626487	34862	54		58	6.98		7.14	<0.1	8.93	2970	900	640		0
Sat	14	0.161	33671349	37581	52		56	6.81		7.26	<0.1	8.81		900	640		0
Sun	15	0.000	33702930	26528	51		59	6.92		7.15	<0.1	8.47		900	620		0
Mon	16	0.005	33729458	23645	52		58	6.87		7.31	<0.1	8.51		900	600		0
Tue	17	0.315	33753103	21789	52		57	6.93		7.24	<0.1	8.43		890	600		0
Wed	18	0.492	33774892	37690	51		58	6.82		7.25	<0.1	8.91	3000	890	600		0
Thu	19	0.140	33812582	3109	52		60	6.71		7.48	<0.1	8.87		890	580		0
Fri	20	0.000	33815691	58239	51		59	6.82		7.31	<0.1	8.71		890	570		0
Sat	21	0.000	33873925	30296	52		59	6.72		7.27	<0.1	8.49		890	560		0
Sun	22	0.141	33904221	27713	51		58	6.84		7.23	<0.1	8.51		890	560		0
Mon	23	0.000	33931934	33633	52		59	6.91		7.34	<0.1	8.31		930	880		0
Tue	24	0.000	33963367	21382	54		62	6.87		7.34	<0.1	8.51	3010	960	880		0
Wed	25	0.000	33986949	24056	53		64	6.71		7.28	<0.1	8.72		960	880		0
Thu	26	0.013	34010994	33241	52		63	6.81		7.48	<0.1	8.42		960	880		4000 gal
Fri	27	0.000	34044235	38429	52		64	6.91		7.23	<0.1	8.31	2780	890	800		0
Sat	28	0.000	34082664	33806	53		62	6.92		7.31	<0.1	8.42		880	790		0
Sun	29	0.000	34116470	21853	52		61	6.88		7.41	<0.1	8.27		880	780		0
Mon	30	0.000	34138323	29404	51		62	6.84		7.27	<0.1	8.49	2820	880	780		0
	31																
		Total		Monthly	Monthly Average			Monthly Effluent			Monthly	Monthly					
		Precip.		Average	Influent		Effluent	Minimum		Maximum	Maximum	Minimum					
		2.42		**28638**	**52**		**59**	**7.14**		**8.27**	**0.1**	**8.17**					
				0.03	**Daily Max**		**64**										

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

(2) If Temperature is measured more than once a day, report the average for the day

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

FACILITY MAILING ADDRESS (Street, City, Zip Code)	TELEPHONE NUMBER	CHIEF OPERATOR'S NAME	CERTIFICATION GRADE
7467 South Broadway; Red Hook, NY 12571	**845-758-1081**	**Robert Flores**	**4A**

		CBOD(5-Day)(11/1-5/31) BOD (5-Day)(6/1-10/31) [Permit: 5.0 mg/L]		U.O.D. (11/1-5/31) [Permit: 34.0 mg/L]	SUSPENDED SOLIDS [Permit: 10.0 mL/L]		TKN, Total	TOTAL AMMONIA as N [Permit: 6/1-10/31, 0.98 mg/L 11/1-5/31, 1.81 mg/L	FECAL COLIFORM [Permit: 200 No./100 mL]
		Influent	Effluent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent
DAY	DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MF or No./100mL
Sun	1								
Mon	2								
Tue	3								
Wed	4								
Thu	5	210	<4.0	19.5	40.0	7.56	3.01	0.513	<10
Fri	6								
Sat	7								
Sun	8								
Mon	9								
Tue	10								
Wed	11	130	<4.0	14.7	48.4	1.30	1.94	0.356	<10
Thu	12								
Fri	13								
Sat	14								
Sun	15								
Mon	16								
Tue	17								
Wed	18	160	<4.0	15.6	46.7	3.60	2.13	0.735	<10
Thu	19								
Fri	20								
Sat	21								
Sun	22								
Mon	23								
Tue	24								
Wed	25	360	<4.0	15.1	28.0	2.60	2.02	0.372	<10
Thu	26								
Fri	27								
Sat	28								
Sun	29								
Mon	30								
	31								

	30 day flow-weighted avg[1]		Monthly	Monthly Maximum		7.56		Maximum	30 day geometric mean[1]
	inf.(mg/l)	eff.(mg/l)	Maximum	30 day flow-weighted avg[1]				**0.735**	
	215	**4.0**	**19.5**	inf.(mg/l)	eff.(mg/l)			Average	**10**
	%Rem.->	**98**		**40.8**	**3.8**			**0.494**	
	30 Day Average			%Rem.->	**91**			lbs/day	
	Quantity Loading[1]	**1.0**	lbs/day		**1**	lbs/day		**0.12**	

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

		EQ LEVEL	CHLORINE RESIDUAL [Permit: 0.03 mg/L]	ULTRAVIOLET (%)				
			Effluent	#1		#2		REMARKS
Day	Date	ft	mg/L	%	W/M^2	%	W/M^2	Enter any other comments, observations, operating problems, equipment failures, etc.
Sun	1							
Mon	2							
Tue	3							Added polymer for the first time. 1 cup
Wed	4							Added Polymer. 1 cup
Thu	5							
Fri	6			95.0	30.5	93.7	24.4	Added Polymer. 1 cup
Sat	7							
Sun	8							
Mon	9							
Tue	10							
Wed	11			90.5	28.8	94.0	24.3	
Thu	12							
Fri	13							
Sat	14							
Sun	15							
Mon	16							
Tue	17							
Wed	18			88.2	28.2	89.0	23.2	Pumped out ~4,000 gal of sludge
Thu	19			87.3	28.0	87.2	22.7	
Fri	20			83.7	26.9	84.7	22.0	
Sat	21							
Sun	22							
Mon	23							
Tue	24			82.3	26.4	82.7	21.6	
Wed	25							
Thu	26							Resident called in alarm at plant. High level in EQ tank.
Fri	27			85.6	27.4	83.7	21.8	
Sat	28							
Sun	29							
Mon	30			81.9	26.1	79.7	20.7	
	31							
			Monthly Maximum	Monthly Minimum		Monthly Maximum		
			0.00	79.7		95.0		

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

Name of Receiving Stream: Subtrib of Saw Kill

Odor Log

Day	Date
Sun	1
Mon	2
Tue	3
Wed	4
Thu	5
Fri	6
Sat	7
Sun	8
Mon	9
Tue	10
Wed	11
Thu	12
Fri	13
Sat	14
Sun	15
Mon	16
Tue	17
Wed	18
Thu	19
Fri	20
Sat	21
Sun	22
Mon	23
Tue	24
Wed	25
Thu	26
Fri	27
Sat	28
Sun	29
Mon	30
	31

Name and amount of chemicals used in treatment process during month:

a. Sodium Hypochloride		lbs.
b. Sodium Sulfate		lbs.
c.		lbs.
d.		lbs.
e.		lbs.
f.		lbs.

Amount of electrical power consumed:

a. Commercial		kilowatt hours
b. Stand-by		kilowatt hours

Amount of fuel consumed:

a. Natural Gas		cubic feet
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas		cubic feet
f. Propane		gallons

Labor expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART-TIME	TOTAL HOURS
Wastewater Operator			
Laborer			

Sludge removal from plant:

a. amount	4000	gals
b.		
c.		
d. Disposal Hauler: Superior Sanitation		

Other Solid Wastes:

a. Screenings		cubic feet
b.		
c.		
d.		
e.		
f.		
g. Disposal Site: UCRRA		

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Robert Flores — Signature of Chief Operator or Designated Facility Representative

7/23/2025 — Date

New York State Department of Environmental Conservation

Division of Water

WASTEWATER FACILITY OPERATION REPORT FOR THE MONTH OF June 2025

SPDES PERMIT NO.	FACILITY NAME	FACILITY OWNER	FACILITY LOCATION
NY-0271420	**Village of Red Hook WWTP - Old (RHC) Plant, Outfall 1B**	**Village of Red Hook**	**US Route 9 (near O'Callaghan Ln)/Village of Red Hook**

					TEMPERATURE [Permit: Max Eff. = 70 °F]			pH [Permit: 6.5-8.5 S.U.]					Activated Sludge Process Control				
		Daily Precip.	Flow Totalizer	VOLUME OF SEWAGE TREATED [Permit: Monthly Ave. Dly Average	Influent	In-Plant	Effluent	Influent	In-Plant	Effluent	SETTLEABLE SOLIDS [Permit: 0.1 mL/L]	D.O. [Permit: 7.0 mg/L]	MIXED LIQUOR [Target: 1500]	SETTLEABLE SLUDGE			WASTE ACT.
													S.S. (MLSS)	Volume (SSV)(mL/L)			Sludge(WAS)
DAY	DATE	in/day	Gal	GPD	(°F)(2)	(°F)(2)	(°F)(2)	S.U.	S.U.	S.U.	Effluent mL/L	Effluent mg/L	mg/L	5 Min	30 min	60 min	min/day
Sun	1	0.012	55601226	22161	52		57	8.13		8.09	<0.1	7.21		330	210		0
Mon	2	0.000	55623387	21470	54		56	8.02		8.15	<0.1	7.86	720	370	230		0
Tue	3	0.000	55644857	17854	55		57	8.11		8.36	<0.1	7.92		400	160		0
Wed	4	0.000	55662711	18786	57		59	8.06		8.04	<0.1	7.37	780	190	140		0
Thu	5	0.006	55681497	20316	55		58	8.27		8.47	<0.1	7.91		210	50		0
Fri	6	0.438	55701813	26623	53		58	7.24		7.57	20.0	8.21	480	170	11		0
Sat	7	0.290	55728436	20702	51		57	7.32		7.61	<0.1	8.27		180	100		0
Sun	8	0.011	55749138	20997	51		56	7.28		7.52	<0.1	8.26		190	100		0
Mon	9	0.280	55770135	23239	52		57	7.27		7.64	<0.1	8.22		200	130		0
Tue	10	0.118	55793374	25678	51		57	7.24		7.63	<0.1	8.27		210	140		0
Wed	11	0.000	55819052	17362	51		58	7.26		7.58	<0.1	8.34	640	210	140		0
Thu	12	0.000	55836414	42952	52		58	7.38		7.52	<0.1	8.42		220	160		0
Fri	13	0.000	55879366	23414	52		57	7.31		7.47	<0.1	8.41	720	240	150		0
Sat	14	0.161	55902780	20565	52		58	7.39		7.43	<0.1	8.27		250	150		
Sun	15	0.000	55923345	19351	51		57	7.24		7.48	<0.1	8.32		250	150		
Mon	16	0.005	55942696	30114	50		58	7.00		7.23	<0.1	8.37		270	160		
Tue	17	0.315	55972810	31022	52		58	7.18		7.49	<0.1	8.52		270	150		
Wed	18	0.492	56003832	49519	53		59	7.04		7.32	<0.1	8.48	770	280	160		
Thu	19	0.140	56053351	17809	52		61	7.29		7.72	<0.1	8.72		290	160		
Fri	20	0.000	56071160	9957	53		61	7.32		7.61	<0.1	8.67		280	160		
Sat	21	0.000	56081117	9624	52		62	7.19		7.58	<0.1	8.41		280	170		
Sun	22	0.141	56090741	7492	52		61	7.38		7.41	<0.1	8.32		280	170		
Mon	23	0.000	56098233	9355	53		61	7.02		7.25	<0.1	8.26		220	170		
Tue	24	0.000	56107588	23869	54		63	7.12		7.48	<0.1	8.27	810	220	170		0
Wed	25	0.000	56131457	9419	53		62	7.38		7.52	<0.1	8.39		220	170		
Thu	26	0.013	56140876	6797	52		61	7.21		7.38	<0.1	8.57		240	180		
Fri	27	0.000	56147673	12962	51		62	7.45		7.39	<0.1	8.42	830	280	220		
Sat	28	0.000	56160635	14533	52		61	7.31		7.38	<0.1	8.51		290	220		
Sun	29	0.000	56175168	5717	54		59	7.41		7.82	<0.1	8.49		290	220		
Mon	30	0.000	56180885	8349	52		58	7.31		7.80	<0.1	8.54	820	290	220		
	31																
	Total			Monthly	Monthly Average			Monthly Effluent			Monthly	Monthly					
	Precip.			Average	Influent		Effluent	Minimum		Maximum	Maximum	Minimum					
	2.42			**19600**	**52**		**59**	**7.23**		**8.47**	**20.0**	7.21					
				0.020	**Daily Max**		**63**										

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

(2) If Temperature is measured more than once a day, report the average for the da

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

FACILITY MAILING ADDRESS (Street, City, Zip Code)	TELEPHONE NUMBER	CHIEF OPERATOR'S NAME	CERTIFICATION GRADE
7467 South Broadway; Red Hook, NY 12571	**845-758-1081**	**Robert Flores**	**4A**

		CBOD(5-Day)(11/1-5/31) BOD (5-Day)(6/1-10/31) [Permit: 5.0 mg/L]		U.O.D. (11/1-5/31) [Permit: 34.0 mg/L]	SUSPENDED SOLIDS [Permit: 10.0 mL/L]		TKN, Total	TOTAL AMMONIA as N [Permit: 6/1-10/31, 0.98 mg/L 11/1-5/31, 1.81 mg/L	FECAL COLIFORM [Permit: 200 No./100 mL]
		Influent	Effluent	Effluent	Influent	Effluent	Effluent	Effluent	Effluent
DAY	DATE	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MF or No./100mL
Sun	1								
Mon	2								
Tue	3								
Wed	4								
Thu	5	210	<4.7	32.3	40.0	29.5	5.60	0.644	<10
Fri	6								
Sat	7								
Sun	8								
Mon	9								
Tue	10								
Wed	11	130	<4.0	20.5	48.4	5.90	3.23	0.261	<10
Thu	12								
Fri	13								
Sat	14								
Sun	15								
Mon	16								
Tue	17								
Wed	18	160	<4.0	18.6	46.7	3.40	2.81	0.368	<10
Thu	19								
Fri	20								
Sat	21								
Sun	22								
Mon	23								
Tue	24								
Wed	25	360	<4.0	20.3	28.0	<1.00	3.17	0.213	<10
Thu	26								
Fri	27								
Sat	28								
Sun	29								
Mon	30								
	31								

		30 day flow-weighted avg[1]		Monthly	Monthly Maximum	29.5		Maximum	30 day geometric mean[1]
		inf.(mg/l)	eff.(mg/l)	Maximum	30 day flow-weighted avg[1]			**0.644**	
		215	**4.2**	**32.3**	inf.(mg/l)	eff.(mg/l)		Average	**10**
		%Rem.->	**98**		**40.8**	**12.93**		**0.37**	
		30 Day Average			%Rem.->	**68**		lbs/day	
		Quantity Loading[1]	**0.7**	lbs/day		**2**	lbs/day	**0.06**	

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES)*, for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, etc

NOTE: Refer to current SPDES permit for specific monitoring requirements. Sample type for temperature, PH and settleable solids is grab

		EQ LEVEL	CHLORINE RESIDUAL [Permit: 0.03 mg/L]	ULTRAVIOLET (%)				
			Effluent	#1		#2		REMARKS
Day	Date	ft	mg/L	%	W/M^2	%	W/M^2	Enter any other comments, observations, operating problems, equipment failures, etc.
Sun	1							
Mon	2							
Tue	3							
Wed	4							
Thu	5							
Fri	6			0.0	0.00	100		cleaned UV
Sat	7							
Sun	8							
Mon	9							
Tue	10							
Wed	11			85.7	60.1	100		
Thu	12			105.9	74.2	100		second effluent flow meter installed
Fri	13			122.0	86.0	100		
Sat	14							
Sun	15							
Mon	16			35.7	25.0	100		
Tue	17							
Wed	18			126.7	88.8	100		
Thu	19			118.2	82.8	100		
Fri	20			69.2	48.6	100		At 3:30PM, recalibrated flow meter
Sat	21							
Sun	22							
Mon	23							
Tue	24			56.6	39.1	100		
Wed	25			103.4	72.4	100		
Thu	26							
Fri	27			58.7	41.1	100		
Sat	28							
Sun	29							
Mon	30			48.6	33.90	100		
	31							
			Monthly Maximum	Monthly				
				Minimum		Maximum		
			0.00	0		127		

(1) Refer to January 1994 edition of *DMR Manual for completing the Discharge Monitoring Report for the national Pollutant Discharge Elimination System (NPDES),* for procedures to calculate loadings, arithmetic mean, geometric Mean, maximum, minimum, percent removal, et

Name of Receiving Stream: Subtrib of Saw Kill

Odor Log

Day	Date
Sun	1
Mon	2
Tue	3
Wed	4
Thu	5
Fri	6
Sat	7
Sun	8
Mon	9
Tue	10
Wed	11
Thu	12
Fri	13
Sat	14
Sun	15
Mon	16
Tue	17
Wed	18
Thu	19
Fri	20
Sat	21
Sun	22
Mon	23
Tue	24
Wed	25
Thu	26
Fri	27
Sat	28
Sun	29
Mon	30
	31

Name and amount of chemicals used in treatment process during month:

a. Sodium Hypochloride		lbs.
b. Sodium Sulfate		lbs.
c.		lbs.
d.		lbs.
e.		lbs.
f.		lbs.

Amount of electrical power consumed:

a. Commercial		kilowatt hours
b. Stand-by		kilowatt hours

Amount of fuel consumed:

a. Natural Gas		cubic feet
b. Oil		gallons
c. Gasoline		gallons
d. Coal		tons
e. Digester Gas		cubic feet
f. Propane		gallons

Labor expended:

POSITION NAME	NUMBER FULL TIME	NUMBER PART-TIME	TOTAL HOURS
Wastewater Operator			
Laborer			

Sludge removal from plant:

a. amount		gals
b.		
c.		
d. Disposal Hauler: Superior Sanitation		

Other Solid Wastes:

a. Screenings		cubic feet
b.		
c.		
d.		
e.		
f.		
g. Disposal Site: UCRRA		

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Robert Flores — Signature of Chief Operator or Designated Facility Representative

7/23/2025 — Date

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Vijay Gandhi ***DEC Region:*** 3

Report Type: ___ *5 Day* ✔ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0271420 **Facility:** Village of Red Hook WWTP

Date of noncompliance: 06/05/2025 **Location (Outfall, Treatment Unit, or Pump Station):** 1B

Description of noncompliance(s) and cause(s): Outfall 1B was placed in service and TSS and setteable solids were exceeded due to start up issues.

Has event ceased? Yes **If so, when?** 6/7/2025 **Was event due to plant upset?** Yes **SPDES limits violated?** Yes

Start date, time of event: 06/05/2025, _____ am **End date, time of event:** 06/07/2025 _____ am

Date, time oral notification made to DEC? _____, _____ am **DEC Official contacted:** _____

Immediate corrective actions: stopped the high recycle flow from the mudwell to stop the clarifier washout.

Preventive (long term) corrective actions: need to direct the sand filter mudwell flow to the proposed larger EQ tank

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Roberto Flores **Title:** Chief Operator **Date:** July 22, 2025

Phone #: (518) 469 - 8189 **Fax #:** (_____) _____

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Roberto Flores

✕ _____

Signature of Principal Executive Officer or Authorized Agent

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 06/29/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0167

CT Cert. No. PH-0800 New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 06/29/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0167

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 05, 2025 and listed below. The project was identified as your project: **Wastewater 2025**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5F0167-01	A1 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-02	A2 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-03	A3 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-05	A5 I EQ	Waste Water	06/05/2025	06/05/2025
N5F0167-06	A6 I EQ	Waste Water	06/05/2025	06/05/2025
N5F0167-07	A7 I EQ	Waste Water	06/05/2025	06/05/2025
N5F0167-08	B1 E Post UV	Waste Water	06/05/2025	06/05/2025
N5F0167-09	B2 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-10	B3 E POST UV	Waste Water	06/05/2025	06/05/2025

YORK
ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: **A1 E POST UV** **York Sample ID:** **N5F0167-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.513**	mg/L		0.05	-	SM 4500-NH3 D	06/06/2025 09:54	06/06/2025 09:54	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**3.01**	mg/L		0.40	-	SM 4500-N Org D	06/06/2025 13:59	06/09/2025 13:11	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: **A2 E POST UV** **York Sample ID:** **N5F0167-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/06/2025 13:30	06/06/2025 13:30	PHO
						Certifications:			

Sample Information

Client Sample ID: **A3 E POST UV** **York Sample ID:** **N5F0167-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**7.56**	mg/L		2.22	-	SM 2540D-2015	06/06/2025 06:15	06/06/2025 12:50	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

YORK
ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: A5 I EQ **York Sample ID:** N5F0167-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**67.2**	mg/L		0.50	-	SM 4500-NH3 D	06/06/2025 09:54	06/06/2025 09:54	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		
Total Kjeldahl Nitrogen	**67.5**	mg/L		0.40	-	SM 4500-N Org D	06/06/2025 13:59	06/09/2025 13:11	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		

Sample Information

Client Sample ID: A6 I EQ **York Sample ID:** N5F0167-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**210**	mg/L		47.00	-	SM5210B-16	06/06/2025 13:30	06/06/2025 13:30	PHO
						Certifications:			

Sample Information

Client Sample ID: A7 I EQ **York Sample ID:** N5F0167-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**40.0**	mg/L		5.56	-	SM 2540D-2015	06/06/2025 06:15	06/06/2025 12:50	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		

YORK
ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: **B1 E Post UV** **York Sample ID:** **N5F0167-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.644**	mg/L		0.05	-	SM 4500-NH3 D	06/06/2025 09:54	06/06/2025 09:54	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		
Total Kjeldahl Nitrogen	**5.60**	mg/L		0.40	-	SM 4500-N Org D	06/06/2025 13:59	06/09/2025 13:11	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		

Sample Information

Client Sample ID: **B2 E POST UV** **York Sample ID:** **N5F0167-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.7**	mg/L		4.70	-	SM5210B-16	06/06/2025 13:30	06/06/2025 13:30	PHO
						Certifications:			

Sample Information

Client Sample ID: **B3 E POST UV** **York Sample ID:** **N5F0167-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**29.5**	mg/L		5.26	-	SM 2540D-2015	06/06/2025 06:15	06/06/2025 12:50	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADI		

Definitions and Other Information

< 4.7 < 4.7

< 4.0 < 4.0

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

MCL The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N5F0167

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: June 29, 2025

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: N5F0167

Page ____ of ____

Report To:	Invoice To:	YOUR Project Name / Number	Samples Collected From
Company:	Company:	Red Hook WWTP	NY [X] CT [ ] Other: (please specify)
Address: Same	Address: Same		NJ [ ] PA [ ]
Phone.:	Phone.:	PO Number	
Contact:	Contact:		
E-mail:	E-mail:		

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day [X]
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day)
- PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Samples Collected by: (print AND sign your name)

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TSS	CBOD5	AMMONIA	TKN	Fecal	G/C Grab or Comp.
A1 E Post UV	6/5	745	WW					X								X	X		G
A2 E Post UV	6/5	745	WW	X											X				G
A3 E Post UV	6/5	745	WW	X										X					G
A4 E Post UV	6/5	745	WW	X														X	G
A5 I EQ	6/5	745	WW					X								X	X		G
A6 I EQ	6/5	745	WW	X											X				G
A7 I EQ	6/5	745	WW	X										X					G
B1 E Post UV	6/5	745	WW					X								X	X		G
B2 E Post UV	6/5	745	WW	X											X				G
B3 E Post UV	6/5	745	WW	X										X					G
B4 E Post UV	6/5	745	WW	X														X	G
C1 E Post Air	6/5	7:45	WW	X														X	G

Report Type (circle)
- QA Report
- (Summary) (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: [signature] Date/Time: 6/5 935	1. Samples Received by / Company: Chris C Date/Time: 6-5-25 9:35	2. Samples Relinquished by / Company: Chris C Date/Time: 6-5-25
2. Samples Received by / Company: Date/Time:	3. Samples Relinquished by / Company: Date/Time:	3. Samples Received by / Company: Date/Time:
4. Samples Relinquished by / Company: Date/Time:	4. Samples Received by / Company: Date/Time:	Samples Received in LAB by: MB Date/Time: 6/5/25 13:00 Temperature: 2.1°C Degrees C

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 06/29/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0167

CT Cert. No. PH-0800 New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 06/29/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0167

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 05, 2025 and listed below. The project was identified as your project: **Wastewater 2025**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5F0167-04	A4 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-11	B4 E POST UV	Waste Water	06/05/2025	06/05/2025
N5F0167-12	C1 E POST AIR	Waste Water	06/05/2025	06/05/2025

YORK
ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: **A4 E POST UV** **York Sample ID:** **N5F0167-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls	HT-01	10.00	-	Colilert-18	06/05/2025 07:45	06/05/2025 18:40	PHO

Certifications:

Sample Information

Client Sample ID: **B4 E POST UV** **York Sample ID:** **N5F0167-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls	HT-01	10.00	-	Colilert-18	06/05/2025 07:45	06/05/2025 18:40	PHO

Certifications:

Sample Information

Client Sample ID: **C1 E POST AIR** **York Sample ID:** **N5F0167-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0167	Wastewater 2025	Waste Water	June 5, 2025 7:45 am	06/05/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls	HT-01	10.00	-	Colilert-18	06/05/2025 07:45	06/05/2025 18:40	PHO

Certifications:

YORK
ANALYTICAL LABORATORIES INC

Definitions and Other Information

HT-01 This sample was analyzed past holding time.

<10 <10

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

MCL The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N5F0167

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: June 29, 2025

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: N5F0167

Page _____ of _____

Report To:	Invoice To:	YOUR Project Name / Number
Company:	Company:	RES Hook Mnt TP
Address: Same	Address: Same	
Phone.:	Phone.:	PO Number
Contact:	Contact:	
E-mail:	E-mail:	

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TSS	COD	AMMONIA	TKN	Lead	Grab or Comp.
A1 E Post UV	6/5	7:45	WW					X								X	X		G
A2 E Post UV	6/5	7:45	WW	X											X				G
A3 E Post UV	6/5	7:45	WW	X										X					G
A4 E Post UV	6/5	7:45	WW	X													X		G
A5 I EQ	6/5	7:45	WW					X								X	X		G
A6 I EQ	6/5	7:45	WW	X											X				G
A7 I EQ	6/5	7:45	WW	X										X					G
B1 E Post UV	6/5	7:45	WW					X								X	X		G
B2 E Post UV	6/5	7:45	WW	X											X				G
B3 E Post UV	6/5	7:45	WW	X										X					G
B4 E Post UV	6/5	7:45	WW	X													X		G
C1 E Post Air	6/5	7:45	WW	X														X	G

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [X]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [ ]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ]

Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	6/5 935	Chris C	6-5-25 9:35	Chris C	6-5-25
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				MB	6/5/25 13:00 / 2.1°C Degrees C

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 07/03/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0331

Revision No. 1.0

CT Cert. No. PH-0800

New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 07/03/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0331

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 11, 2025 and listed below. The project was identified as your project: **Wastewater 2025**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5F0331-01	A1 E	Waste Water	06/11/2025	06/11/2025
N5F0331-02	A2 E	Waste Water	06/11/2025	06/11/2025
N5F0331-03	A3 E	Waste Water	06/11/2025	06/11/2025
N5F0331-04	A4 E	Waste Water	06/11/2025	06/11/2025
N5F0331-05	A5 - INFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-06	A6 - INFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-07	A7 - INFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-08	B1 - EFFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-09	B2 - EFFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-10	B3 - EFFLUENT	Waste Water	06/11/2025	06/11/2025
N5F0331-11	B4 - EFFLUENT	Waste Water	06/11/2025	06/11/2025

Sample Information

Client Sample ID: A1 E **York Sample ID:** N5F0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.356**	mg/L		0.05	-	SM 4500-NH3 D	06/12/2025 11:59	06/12/2025 11:59	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**1.94**	mg/L		0.40	-	SM 4500-N Org D	06/16/2025 09:06	07/01/2025 14:19	AD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: A2 E **York Sample ID:** N5F0331-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/11/2025 15:00	06/11/2025 15:00	PHO
						Certifications:			

Sample Information

Client Sample ID: A3 E **York Sample ID:** N5F0331-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**1.30**	mg/L	Z-01	1.00	-	SM 2540D-2015	06/12/2025 06:19	06/12/2025 13:20	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: A4 E **York Sample ID:** N5F0331-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 9:05 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: Phoenix Environmental Labs, Inc.

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/11/2025 09:05	06/11/2025 16:30	PHO
							Certifications:		

Sample Information

Client Sample ID: A5 - INFLUENT **York Sample ID:** N5F0331-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**26.0**	mg/L		0.05	-	SM 4500-NH3 D	06/12/2025 11:59	06/12/2025 11:59	TCD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	
Total Kjeldahl Nitrogen	**31.5**	mg/L		0.40	-	SM 4500-N Org D	06/12/2025 15:02	06/13/2025 08:23	tcd
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: A6 - INFLUENT **York Sample ID:** N5F0331-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: Phoenix Environmental Labs, Inc.

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**130**	mg/L		46.00	-	SM5210B-16	06/11/2025 15:00	06/11/2025 15:00	PHO
							Certifications:		

Sample Information

Client Sample ID: A7 - INFLUENT **York Sample ID:** N5F0331-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**48.4**	mg/L		5.43	-	SM 2540D-2015	06/12/2025 06:19	06/12/2025 13:20	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: B1 - EFFLUENT **York Sample ID:** N5F0331-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.261**	mg/L		0.05	-	SM 4500-NH3 D	06/12/2025 11:59	06/12/2025 11:59	TCD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	
Total Kjeldahl Nitrogen	**3.23**	mg/L		0.40	-	SM 4500-N Org D	06/12/2025 15:02	06/13/2025 08:23	tcd
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: B2 - EFFLUENT **York Sample ID:** N5F0331-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/11/2025 15:00	06/11/2025 15:00	PHO
							Certifications:		

Sample Information

Client Sample ID: **B3 - EFFLUENT** **York Sample ID:** **N5F0331-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 8:45 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**5.90**	mg/L		1.00	-	SM 2540D-2015	06/12/2025 06:19	06/12/2025 13:20	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: **B4 - EFFLUENT** **York Sample ID:** **N5F0331-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0331	Wastewater 2025	Waste Water	June 11, 2025 9:05 am	06/11/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/11/2025 09:05	06/11/2025 16:30	PHO
							Certifications:		

Definitions and Other Information

Z-01	mg residue is less than 2.5mg
<10	<10
< 4.0	< 4.0
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
MCL	The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N5F0331

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: July 03, 2025

Revision Description: This report was revised to correct sample -01 TKN.

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: N5F0331

Page ___ of ___

Report To:	Invoice To:	YOUR Project Name / Number	Samples Collected From
Company:	Company:	Red Hook WWTP	NY [X] CT [ ] Other: (please specify)
Address: Same	Address: Same		NJ [ ] PA [ ]
Phone.:	Phone.:	PO Number	
Contact:	Contact:		
E-mail:	E-mail:		

Turn-Around Time: RUSH - Next Day [ ] / RUSH - Two Day [X] / RUSH - Three Day [ ] / RUSH - Four Day [ ] / RUSH - Five Day [ ] / Standard (6-9 Day) [ ] / PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected by: (print AND sign your name)

Preservative (please list number of containers) / Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CBOD5	TSS	AMMONIA	TKN	FECAL	Grab or Comp. G/C
A1 [illegible]	6/11	845	WW					X								X	X		G
A2 [illegible]	6/11	845	WW	X										X					G
A3 [illegible]	6/11	845	WW	X											X				G
A4 [illegible]	6/11	905	WW	X														X	G
A5 [illegible]	6/11	845	WW					X								X	X		G
A6 [illegible]	6/11	845	WW	X										X					G
A7 [illegible]	6/11	845	WW	X											X				G
B1 [illegible]	6/11	845	WW					X								X	X		G
B2 [illegible]	6/11	845	WW	X										X					G
B3 [illegible]	6/11	845	WW	X											X				G
B4 [illegible]	6/11	905	WW	X														X	G

Report Type (circle): QA Report / (Summary (Results Only)) / ~~NY ASP B Package~~ / NJ Reduced / NJ DKQP / NJ Full / CT RCP

EDD Type (circle): EQuIS (standard) / NYSDEC EQuIS / NJDEP SRP Haz Site / Standard Excel / CMDP / Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered / Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: [signature] Date/Time: 6/11 9:14	1. Samples Received by / Company: Chris C Date/Time: 6-11-25 9:20	2. Samples Relinquished by / Company: Chris C Date/Time: 6-11-25
2. Samples Received by / Company Date/Time	3. Samples Relinquished by / Company Date/Time	3. Samples Received by / Company Date/Time
4. Samples Relinquished by / Company Date/Time	4. Samples Received by / Company Date/Time	Samples Received in LAB by: [signature] Date/Time: 6/11/25 12:30 Temperature: 2.6°C Degrees C

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 07/01/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0546

CT Cert. No. PH-0800

New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 07/01/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0546

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2025 and listed below. The project was identified as your project: **Wastewater 2025**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5F0546-01	A1 E	Waste Water	06/18/2025	06/18/2025
N5F0546-02	A2 E	Waste Water	06/18/2025	06/18/2025
N5F0546-03	A3 E	Waste Water	06/18/2025	06/18/2025
N5F0546-04	A4 E	Waste Water	06/18/2025	06/18/2025
N5F0546-05	A5 I	Waste Water	06/18/2025	06/18/2025
N5F0546-06	A6 I	Waste Water	06/18/2025	06/18/2025
N5F0546-07	A7 I	Waste Water	06/18/2025	06/18/2025
N5F0546-08	B1 E	Waste Water	06/18/2025	06/18/2025
N5F0546-09	B2 E	Waste Water	06/18/2025	06/18/2025
N5F0546-10	B3 E	Waste Water	06/18/2025	06/18/2025
N5F0546-11	B4 E	Waste Water	06/18/2025	06/18/2025

Sample Information

Client Sample ID: A1 E **York Sample ID:** N5F0546-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/19/2025 13:45	06/19/2025 13:45	PHO
							Certifications:		

Sample Information

Client Sample ID: A2 E **York Sample ID:** N5F0546-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**3.60**	mg/L		1.33	-	SM 2540D-2015	06/19/2025 06:12	06/19/2025 12:50	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: A3 E **York Sample ID:** N5F0546-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.735**	mg/L		0.05	-	SM 4500-NH3 D	06/19/2025 12:02	06/19/2025 12:02	TCD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	
Total Kjeldahl Nitrogen	**2.13**	mg/L		0.40	-	SM 4500-N Org D	06/19/2025 14:52	06/20/2025 08:17	TCD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: A4 E **York Sample ID:** N5F0546-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/18/2025 10:00	06/18/2025 17:40	PHO

Certifications:

Sample Information

Client Sample ID: A5 I **York Sample ID:** N5F0546-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**160**	mg/L		42.00	-	SM5210B-16	06/19/2025 13:45	06/19/2025 13:45	PHO

Certifications:

Sample Information

Client Sample ID: A6 I **York Sample ID:** N5F0546-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**46.7**	mg/L		5.49	-	SM 2540D-2015	06/19/2025 06:12	06/19/2025 12:50	SMM

Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE

Sample Information

Client Sample ID: A7 I **York Sample ID:** N5F0546-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**38.6**	mg/L		0.10	-	SM 4500-NH3 D	06/19/2025 12:02	06/19/2025 12:02	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**42.2**	mg/L		0.40	-	SM 4500-N Org D	06/19/2025 14:52	06/20/2025 08:17	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: B1 E **York Sample ID:** N5F0546-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/19/2025 13:45	06/19/2025 13:45	PHO
						Certifications:			

Sample Information

Client Sample ID: B2 E **York Sample ID:** N5F0546-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**3.40**	mg/L	Z-01	2.00	-	SM 2540D-2015	06/19/2025 06:12	06/19/2025 12:50	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: B3 E

York Sample ID: N5F0546-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses:

Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.368**	mg/L		0.05	-	SM 4500-NH3 D	06/19/2025 12:02	06/19/2025 12:02	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**2.81**	mg/L		0.40	-	SM 4500-N Org D	06/19/2025 14:52	06/20/2025 08:17	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: B4 E

York Sample ID: N5F0546-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0546	Wastewater 2025	Waste Water	June 18, 2025 10:00 am	06/18/2025

Field Analyses:

Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/18/2025 10:00	06/18/2025 17:40	PHO
						Certifications:			

Definitions and Other Information

Z-01	MG RESIDUE IS LESS THAN 2.5MG
<10	<10
< 4.0	< 4.0
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
MCL	The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N5F0546

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: July 01, 2025

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Numb: N5F054

Page _____ of _____

Report To:	Invoice To:
Company: V/O RedHook	Company:
Address: Same	Address: Same
Phone.:	Phone.:
Contact:	Contact:
E-mail:	E-mail:

YOUR Project Name / Number: V/O RedHook WWTP

PO Number:

Samples Collected From: NY X NJ CT PA Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CBOD5	TSS	AMMONIA	TKN	Excel	Grab or Comp.
A1 E	6/18	1000	WW	X										X					G
A2 E	6/18	1000	WW	X											X				G
A3 E	6/18	1000	WW					X								X	X		G
A4 E	6/18	1000	WW	X														X	G
A5 I	6/18	1000	WW	X										X					G
A6 I	6/18	1000	WW	X											X				G
A7 I	6/18	1000	WW					X								X	X		G
B1 E	6/18	1000	WW	X										X					G
B2 E	6/18	1000	WW	X											X				G
B3 E	6/18	1000	WW					X								X	X		G
B4 E	6/18	1000	WW	X														X	G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day X; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company: [signature] Date/Time: 6/18 12:00

2. Samples Received by / Company: Date/Time:

3. Samples Relinquished by / Company: Date/Time:

4. Samples Relinquished by / Company: Date/Time:

1. Samples Received by / Company: Chris C Date/Time: 6-18-25 12:00

2. Samples Relinquished by / Company: Chris C Date/Time: 6-18-25

3. Samples Received by / Company: Date/Time:

4. Samples Received by / Company: Date/Time:

Samples Received in LAB by: MB Date/Time: 6/18/25 3:40pm Temperature: 3.1°C Degrees C

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 07/22/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0741

CT Cert. No. PH-0800

New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 07/22/2025
Client Project ID: Wastewater 2025
York Project (SDG) No.: N5F0741

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 25, 2025 and listed below. The project was identified as your project: **Wastewater 2025**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5F0741-01	A1 E	Waste Water	06/25/2025	06/25/2025
N5F0741-02	A2 E	Waste Water	06/25/2025	06/25/2025
N5F0741-03	A3 E	Waste Water	06/25/2025	06/25/2025
N5F0741-04	A4 E	Waste Water	06/25/2025	06/25/2025
N5F0741-05	A5 I	Waste Water	06/25/2025	06/25/2025
N5F0741-06	A6 I	Waste Water	06/25/2025	06/25/2025
N5F0741-07	A7 I	Waste Water	06/25/2025	06/25/2025
N5F0741-08	B1 E	Waste Water	06/25/2025	06/25/2025
N5F0741-09	B2 E	Waste Water	06/25/2025	06/25/2025
N5F0741-10	B3 E	Waste Water	06/25/2025	06/25/2025
N5F0741-11	B4 E	Waste Water	06/25/2025	06/25/2025

Sample Information

Client Sample ID: A1 E **York Sample ID:** N5F0741-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Carbonaceous BOD	**< 4.0**	mg/L		4.00	-	SM5210B-16	06/25/2025 17:20	06/25/2025 17:20	PHO
							Certifications:		

Sample Information

Client Sample ID: A2 E **York Sample ID:** N5F0741-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**2.60**	mg/L		1.00	-	SM 2540D-2015	06/27/2025 06:17	06/27/2025 12:42	SMM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: A3 E **York Sample ID:** N5F0741-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.372**	mg/L		0.05	-	SM 4500-NH3 D	06/26/2025 08:06	06/26/2025 08:06	tcd
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	
Total Kjeldahl Nitrogen	**2.02**	mg/L		0.40	-	SM 4500-N Org D	06/26/2025 15:10	06/27/2025 08:23	TCD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE	

Sample Information

Client Sample ID: A4 E **York Sample ID:** N5F0741-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/25/2025 10:15	06/25/2025 18:05	PHO

Certifications:

Sample Information

Client Sample ID: A5 I **York Sample ID:** N5F0741-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
B.O.D./5 day	**360**	mg/L		150.00	-	SM 5210B-16	06/25/2025 17:20	06/25/2025 17:20	PHO

Certifications:

Sample Information

Client Sample ID: A6 I **York Sample ID:** N5F0741-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**28.0**	mg/L		4.00	-	SM 2540D-2015	06/26/2025 06:12	06/26/2025 14:33	SMM

Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE

Sample Information

Client Sample ID: A7 I **York Sample ID:** N5F0741-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**51.8**	mg/L		0.10	-	SM 4500-NH3 D	06/26/2025 08:06	06/26/2025 08:06	tcd
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**62.0**	mg/L		0.40	-	SM 4500-N Org D	06/26/2025 15:10	06/27/2025 08:23	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: B1 E **York Sample ID:** N5F0741-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
B.O.D./5 day	**< 4.0**	mg/L		4.00	-	SM 5210B-16	06/25/2025 17:20	06/25/2025 17:20	PHO
						Certifications:			

Sample Information

Client Sample ID: B2 E **York Sample ID:** N5F0741-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	**< 1.00**	mg/L		1.00	-	SM 2540D-2015	06/26/2025 06:12	06/26/2025 14:33	SMM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEI		

Sample Information

Client Sample ID: B3 E

York Sample ID: N5F0741-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses:

Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Ammonia Nitrogen as N	**0.213**	mg/L		0.05	-	SM 4500-NH3 D	06/26/2025 08:06	06/26/2025 08:06	tcd
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		
Total Kjeldahl Nitrogen	**3.17**	mg/L		0.40	-	SM 4500-N Org D	06/26/2025 15:10	06/27/2025 08:23	TCD
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADE		

Sample Information

Client Sample ID: B4 E

York Sample ID: N5F0741-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5F0741	Wastewater 2025	Waste Water	June 25, 2025 10:15 am	06/25/2025

Field Analyses:

Log-in/Sample Notes:

Analysis Conducted by: **Phoenix Environmental Labs, Inc.**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Fecal Coliforms MPN	**<10**	MPN/100 mls		10.00	-	Colilert-18	06/25/2025 10:15	06/25/2025 18:05	PHO
						Certifications:			

Definitions and Other Information

<10 <10

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

MCL The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N5F0741

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: July 22, 2025

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: N5F074

Page _____ of _____

Report To:	Invoice To:
Company:	Company:
Address: Same	Address: Same
Phone.:	Phone.:
Contact:	Contact:
E-mail:	E-mail:

YOUR Project Name / Number: Redrock NW TP

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day X
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day)
- PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CBODS	TSS	TKN	AMMONIA	TPOM	Grab or Comp.
A1 E	6/25	1015	WW	X										X					G
A2 E	6/25	1015	WW	X											X				G
A3 E	6/25	1015	WW					X								X	X		G
A4 E	6/25	1015	WW	X														X	G
A5 E	6/25	1015	WW	X										X					G
A6 E	6/25	1015	WW	X											X				G
A7 E	6/25	1015	WW					X								X	X		G
B1 E	6/25	1015	WW	X										X					G
B2 E	6/25	1015	WW	X											X				G
B3 E	6/25	1015	WW					X								X	X		G
B4 E	6/25	1015	WW	X														X	G

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	6/25/25	Eric	6-25-25 1C:25	Eric	6-25-25
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				MB	6/25/25 2:13pm 4.3 Degrees C

Village of Red Hook
Mayor's Report
July 2025

PERSONNEL
We have hired Irene Holsapple for the position of Payroll/Acct Clerk to take over from Angela Dourdis who will be retiring on August 18th. We look forward to welcoming Irene to the Village. Her first day will be August 12th.

WIIA – WATER PROJECTS:
We have a deduct change order on the agenda to close out the SCADA Upgrade project portion of the WIIA project.

SEWER PROJECT I:
The major outstanding item has been the Single Audit. We received the final from the audit firm on July 31, 2025. The final MWBE report from Carver Construction has been submitted to EFC. Carver did not meet their MWBE goals. They have requested an additional waiver which has been shared with EFC.

BENNER ROAD/TRIBUTARY COALITION:
I met with Zoe Evans and Cat Viega on Thursday, July 31st. We discussed a project of evaluating the wetland around the WWTP and a plan for improving the health of the wetland. We discussed possible grant opportunities going forward. More to come on this.

SEWER PROJECT II:
The Benner Road/Tributary Coalition and subsequently several residents have requested that the Village rescind the resolution adopting a negative declaration after completing the Full Environmental Assessment Form on July 15, 2024. I have reviewed this with our Land Use Attorney and Delaware Engineering, who both assisted the Village in it's preparation, for their review and response.

The CPA grant application was submitted on July 30th – due date was July 31st.

SAWKILL WATERSHED COMMITTEE (SKWC) –
The Committee presented their report from their extensive sampling done on April 6, 2025. This presentation was made on July 16th at Town Hall. A recording is available on www.PandaTV.org. The report is available on their website: https://sawkillwatershed.org/our-work/water-quality-monitoring/

RED HOOK LIBRARY (RHPL):
The RHPL had their July board meeting on July 17th. Attendees included: President Anna Greig, Secretary Sarah deVeer, Board members - Leah Bahnatka, Gareth Davies, & Kelly French, Executive Director Alex Geller. Absent: Treasurer Grace Kachigan, Vice President Martha Tepepa.

For more information, you can find their board packet on the library's website – redhooklibrary.org/board-of-trustees. Their next board meeting will be Thursday, August 21st at 6:30pm at the library.

PUBLIC SPACES/ABRAHAMS PARK:

The Public Spaces Committee met on Saturday, August 2nd at 10am in Village Hall. The new charge for the committee was discussed.

The committee agreed to move their meetings to the 3rd Monday of the month. The next meeting will be August 18th at 7pm.

CLIMATE SMART COMMUNITY TASK FORCE:
The Task Force did not meet in July. There is a recommendation for members on tonight's agenda. Our next meeting is scheduled for August 7th.

VILLAGE OF RED HOOK BUILDING DEPARTMENT
MONTHLY TRUSTEE REPORT
ZONING & PLANNING
JULY, 2025

Building Permits Issued:	10
Certificates of Occupancy Issued:	2
Temporary Certificates of Occupancy:	0
Certificate of Compliance:	15
Municipal Searches:	5
Notice of Violation – 2	1.) CVS-EV Charging Stations 2.) 7592 N. Broadway – Parking
Orders to Remedy:	0
Stop Work Orders:	0
Do Not Occupy Notice:	0
Court Appearances:	0
Complaints:	0
Fire Inspections:	0

Planning Board Actions:
July 10, 2025 meeting:
Site Plan for St. John Street (LeGrand) tabled to August 14, 2025.
Signage approval granted to 19 W. Market Street – Bliss Juice & Smoothie Bar
Site Plan for 7481 South Broadway (Kittner) tabled to August 14, 2025 & public hearing scheduled.

Zoning Board of Appeals:
No July, 2025 meeting due to no Agenda,

Village of Red Hook Building Department

Monthly Trustee's Report

MONTH OF: July, 2025

DATE	PROPERTY OWNER	ADDRESS	TYPE OF APPLICATION	CHECK AMOUNT	Check #	Notes:
7/3/2025	Grande	2 Park Avenue	Building Permit	100.00	129	
7/3/2025	Grande	2 Park Avenue	Building Permit	100.00	130	
6/29/2025	Keller	9 Tower Street	Building Permit	100.00	4644	
7/3/2025	Roberts	7351 S. Broadway	CO Search	100.00	1065	
7/8/2025	McGee	7365 S. Broadway	CO Search	100.00	1681	
7/9/2025	Mickler	Eldridge Lane	CO Search	100.00	3672	
7/9/2025	Mickler	11-13 Eldridge Lane	CO Search	100.00	3573	
7/7/2025	Citizens Telecom	19 St. John Street	Fire Inspection	100.00	3236	
7/10/2025	Sherman & Sheedy	7381 S Broadway	Building Permit	200.00	3452	
7/23/2025	Crum	19 Park Avenue	Building Permit	100.00	15968	
7/22/2025	20 Prince Street	Keeler	CO Search	100.00	11682	
7/29/2025	Grande	2 Park Avenue	Building Permit	100.00	134	
7/14/2025	Malikin	25 Fisk Street	Bee Permit	25.00	552	
7/28/2025	Katich	12 Park Avenue	Building Permit	100.00	3509	
TOTAL				**1425.00**		

Red Hook Together meets every first Thursday of the month. There was no meeting in August, the next meeting will be on Thursday, September 4th at 12pm/noon at the Red Hook VFW.

Village of Red Hook Indigenous History Project:
Historian Heather Bruegl, has shared the latest update: *"I am continuing my research, which has been a longer task than anticipated. Despite the difficulty in getting replies from those I've contacted, I am still finding relevant material. I am still on track to deliver the essay and resources by the October 1st deadline. I am hoping to send a draft by mid to late August."*
I will update the board once we receive the draft essay.

Town of Red Hook Comprehensive Plan:
Town of Red Hook Comprehensive Plan Steering Committee met on Tuesday, July 22nd. In attendance were the committee members, Town liaison Cristine Kane and also the Committee chair Julia Solomon, Patterns for Progress Eric Pierson and a representative from the NY Department of State; Amanda Wild. Wild explained the Smart Growth Community Planning Program assessment criteria. The Town Comprehensive plan is being funded through a NY State Smart Growth grant - and the town is required to demonstrate in their plan that that they have considered "Smart Growth" principles such as: Community Background, Mixed-use Neighborhoods, Diversity of Housing, Infill and Redevelopment, Public Spaces, Compact Neighborhoods, Open Space, Alternative Transportation, Climate Resilience and Mitigation, Sense of Place and Community Engagement.

On Thursday August 7th, The Mayor and I also met with Patterns for Progress Planner Eric Peirson to discuss ways in which the Town and the Village currently work together to provide services and/or have infrastructure overlaps.

The committee meets monthly from 7:30pm to 9pm on the fourth Tuesday at Town Hall.

Village of Red Hook Communications:
In order to comply with a new NY State law, the Village website and all Village emails use a .gov domain: redhookvillage.gov. The Red Hook Police are also in the process of having their email addresses updated from redhookpolice.com to redhookpolice.gov.

Please update your email address books as well as website links accordingly.

Village and Zoning Review: There was a meeting held on Aug 7th, 2025. In attendance was the Mayor, myself, the Village's Planning Attorney Victoria Polidoro, Esq., from Rodenhausen, Chale & Polidoro, LLP & Bonnie Franson from Nelson Pope Voorhis, which is the firm who was hired to write the proposed "Gateway North" law.

We discussed feedback from Rupco at the previous July meeting, and applied edits to sections of the draft law. Once the new edits have been incorporated, there are plans to schedule an information session to explain the law's intent in detail and invite discussion and feedback from the public.

Links to the 2/26/25 draft of the Gateway North law, are linked in the March 13th special workshop agenda: redhookvillage.org/AgendaCenter/ViewFile/Agenda/_03132025-662.

Planning/Zoning,
See attached Reports.

Building Department;
See attached Reports.

VILLAGE OF RED HOOK RESOURCE RECOVERY DATA/REPORT														
2024/2025	June*	July	August	September	October	November	December	January	February	March	April	May	Average	YTD
TONS														
Commingled	0.82	1.2	0.9	0.84	0.75	1.01	1.66	1.06	1.11	0.85	0.93	0.9	1.00	12.03
Cardboard	0.47	0.46	0.43	0.57	0.37	0.41	0.42	0.51	0.2	0.73	0.33	0.51	0.45	5.41
Paper	0.83	0.61	0.65	1	0.79	0.83	0.75	0.84	0.58	1.19	0.75	0.71	0.79	9.53
Total Recycling	2.12	2.27	1.98	2.41	1.91	2.25	2.83	2.41	1.89	2.77	2.01	2.12	2.25	26.97
Garbage Dumpster	3.3	3.3	3.3	3.3	3.3	3.3	5	5	5	5	5	5		
Garbage - UCRRA	8.13	4.37	5.62	7.03	1.72	3	2.38	3.21	0	5.33	0.53	7.07	8.18	98.19
REVENUE														
Tags Sold	$2,820.00	$2,927.00	$ 2,480.00	$2,696.00	$3,592.00	$2,748.00	$2,517.00	$3,507.00	$1,545.00	$2,979.00	$2,490.00	$2,078.00	$2,698.25	$32,379.00
COSTS														
Garbage @ $135/ton	$939.95	$502.55	$646.30	$808.45	$197.80	$355.00	$288.70	$433.35	$0.00	$719.55	$81.55	$964.45	$494.80	$5,937.65
Fuel	$65.85	$33.92	$43.63	$50.53	$11.86	$21.30	$17.33	$24.92	$0.00	$44.97	$5.10	$57.87	$31.44	$377.28
Contaminated Recycling	$6.10	$2.44	$0.00	$2.43	$4.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1.32	$15.81
Welsh/Royal Dumpster	$246.63	$246.63	$246.63	$246.63	$246.63	$246.63	$218.51	$218.51	$218.51	$218.51	$218.51	$218.51	$232.57	$2,790.84
TOTAL COSTS	$1,258.53	$785.54	$936.56	$1,108.04	$461.13	$622.93	$524.54	$676.78	$218.51	$983.03	$305.16	$1,240.83	$760.13	$9,121.58
TOTAL REVENUE	$2,820.00	$2,927.00	$2,480.00	$2,696.00	$3,592.00	$2,748.00	$2,517.00	$3,507.00	$1,545.00	$2,979.00	$2,490.00	$2,078.00	$2,698.25	$32,379.00
2025/2026	June*	July	August	September	October	November	December	January	February	March	April	May	Average	YTD
TONS														
Commingled	1.29	0.78											$1.04	2
Cardboard	0.65	0.44											$0.55	1.09
Paper	0.68	0.65											$0.67	1.33
Total Recycling	2.62	1.87											$0.37	4
Garbage Dumpster	5	5												
Garbage - UCRRA	5.83	9.89											2.14	25.72
REVENUE														
Tags Sold	$2,083.00	$2,848.00											$2,465.50	$4,931.00
COSTS														
Garbage @ $135/ton	$807.05	$1,402.75											$1,104.90	$2,209.80
Fuel	$48.54	$87.81											$68.18	$136.35
Contaminated Recycling	$2.70	$2.70											$2.70	$5.40
Welsh/Royal Dumpster	$218.51	$218.51											$218.51	$437.02
TOTAL COSTS	$1,076.80	$1,711.77											$232.38	$2,788.57
TOTAL REVENUE	$2,083.00	$2,848.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$410.92	$4,931.00

Department of Public Works Report Aug 11, 2025

1. Highway Department:

Materials Management

Here are the costs and expenses for the month of July. Please see the attached Resource Recovery Data Report.

Trash & Recycling Pickup

Trash & Recycling must be out before 5am on Monday mornings. Cardboard bundles should be bound together with string or tape. Paper recycling should be placed loose within a lidded tub or bin.

Recycling Pickup alternates between Yellow (paper & cardboard) & Blue (metal, plastic & glass). The Dual-Stream Recycling calendar and guide can be picked up at the Clerk's office, or found online at redhookvillage.org/recycle

Village Brush / Yard Waste Pickup

Pickups are scheduled for the first full week of every month, pending weather conditions and scheduling. Residents are reminded of the following:

- Avoid creating long-term piles, place piles out just prior to pick-up week.
- Lawn clippings and brush should be set out in separate piles.
- Place piles on the edge of your lawn (not on the sidewalk or in the street).
- Piles should not include: construction debris, garbage, stumps, and/or branches larger than 6" in diameter.
- Piles should be limited to 6' x 6' x 6'.

Brush and leaf piles should not cover water or sewer shut offs or on top of fiberoptic ground vaults.

Bulk Item tags are available for purchase at the Clerk's office.

Residents can drop off household compost at the Town Recycling Center, Wed & Sat 7:30 a.m. - 1 p.m. The Red Hook Village Compost program will launch soon. To register interest or request information**, please contact the Village Clerk at** (845) 758-1081 or info@redhookvillage.gov.

2. Scrap Metal Program:

Revenue received (7/31/25) since the last report was	**$1395.00**
Total revenue for this Fiscal Year (Jun 2025- May 2026) to date is	**$1395.00**
Since the Program's inception, in Sep 2007, donations have yielded a total of	**$56912.24**
Proceeds from the program go towards the purchase of tools & equipment for the Public Works Dept. Residents & businesses interested in donating metal may contact the Village Clerk's office to schedule a pickup.	

3. Street Light Complaints:

If you notice a street light out in the Village: You may notify Central Hudson directly by going to: cenhud.com/en/outages, selecting '*Report a Street Light*' and filling out their online form.

4. Potholes:

You can notify the village of potholes on Village roads by calling the Village Clerk's office or filling out the "Report a Concern" form at: redhookvillage.org/concern. Please note that the Village is not allowed to conduct repairs on State Highways. If you would like to report a pothole on a State Highway, The Village can forward your concern - or you can submit your complaint directly to the NYS DOT by calling 1.800.POTHOLE (1.800.768.4653).

Sincerely,

Frances Uku

Amy Smith
Reports for Village Board Meeting: Monday, June 9, 2025

Water Department

The Water Department meeting was on Wednesday, August 6 at Village Hall. I was unable to attend. However, I can report on water usage and testing results.

In the month of July, the Village Water Department customers used almost 9 million gallons of water (8,819,919) for an average consumption of 286,836 gallons per day. Comparatively, July's water use is 2746 more gallons per day than it was in June and 842 fewer gallons per day than in May.

Three locations were sampled on July 23, 2025. All three locations were negative for Coliform and E. coli. The free chlorine residual amounts ranged from .87 mg/liter to .13 mg/liter. As a reminder, there are 1000 mg in a liter of water.

New York Forward & grants

On Tuesday, August 5, 2025 the Mayor and I met with Adriana Beltrani and Bonnie Franson from Nelson, Pope and Voorhies, the Village's planning consultants. We discussed the Village's preparation and possible timeline for submission of a New York Forward grant application.

Communities that have received New York Forward grants have some common elements in terms of preparation - including planning documents and engineering reports. We determined that it's in the Village's best interest if we apply for a Greenway Community grant that will allow us to complete a community visioning process through their plans/public participation category of funding. The Greenway grants application opens 9/8, is due 10/30, and notices if awarded is likely December.

Hudson River Valley Greenway "is a state agency that helps communities protect their scenic, natural, historic, cultural and recreational resources while encouraging economic development."

The agency works with municipalities like the Village that are located in the 14 NY Counties that constitute the Hudson River Valley. Municipalities submitting applications for grant funding must have passed a resolution adopting the 5 Greenway criteria which are as follows:

- Natural and cultural resource protection: "Protect, preserve and enhance natural resources."
- Economic development - "Encourage economic development that is compatible with the preservation and enhancement of natural and cultural resources."
- Public access - Promote public use of Hudson River Valley natural resources

- Heritage and environmental education - “Promote awareness among residents and visitors about the Valley's natural, cultural, scenic and historic resources”
- Regional planning - Work with other communities “to develop mutually beneficial regional strategies for natural and cultural resource protection, economic development (including necessary public facilities and infrastructure), public access and heritage and environmental education.”

Greenway Community Grants have a max of $20,000 that must be matched by the municipality but the match can be in cash, in-kind, or a mix of the two. The grants can be used for a variety of purposes related to the Greenway criteria. Among those purposes are both planning and public participation.

We finished our discussion with a plan that the Village will apply for a Greenway Community Grant to fund a process of “Community Visioning” that will allow the Village to get residents’ input on prioritizing different projects primarily related to improvements to the pedestrian experience, infrastructure required for affordable housing and economic development, and creation of green spaces within the Village.

It will likely be necessary to form an ad hoc committee as part of the Community Visioning process. I will write the grant in collaboration with Adriana Beltrani and will report on it in greater detail at our next meeting.

Utility Billing Report
Water/Sewer Department
July 2025

Utility Bills Issued	$202,549.42
Penalties/Finance Charges Issued	$0.00
Utility Payments Received	$171,171.45
Accounts Receivable Outstanding to the Village as of 8/1/2025	$39,167.39

Bill Adjustments[1]

- 7/1/2025: Acct 30100, $240.27 credit, reverse water use and sewer operation & maintenance minimum charges, pay sewer capital only – water service off during quarter.
- 7/29/2025: Acct 3700, $0.22 credit for penalty calculate error
- 7/29/2025: Acct 7000, $0.29 credit for penalty calculate error
- 7/29/2025: Acct 33500, $0.22 credit for penalty calculate error
- 7/29/2025: Acct 43800, $0.24 credit for penalty calculate error

Submitted by,

Jennifer Cavanaugh, Water/Sewer Clerk

[1] All adjustments must be approved by Water Department and Mayor and reviewed by Board of Trustees. One adjustment allowed per 5-year period.

NEW YORK STATE DEPARTMENT OF HEALTH

Bureau of Water Supply Protection

Water Systems Operation Report

Microbiological Sample Results

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Village of Red Hook	July 2025	8/8/2025	☐ Surface ☑ Ground ☐ GWUDI
Public Water System ID	**County**	**Town, Village, or City**	☐ Purchase with subsequent chlorination
NY1302775	Dutchess	Red Hook	☐ Purchase w/out subsequent chlorination

DATE	Source(s) in Use	Operator	Time	**Treated water volume (gals/day) (SCADA reading)**	Master Meter (meter prior to storage)	GPD Based on Master Meter Readings	Storage Tank Level	Booster	System Pressure	Level	Chlorination			Comments & Observations
											Liquid			
											Used	**Hypochlorite added to crock (gallons)**	**Free chlorine residual at entry point (mg/l)**	
1	Wells 1,3,9,12,13,14,15	LJ	1100	231,807	31475140	330682	18.88	4	73	12	4		1.04	
2	Wells 1,3,9,12,13,14,15	LJ	1300	319,447	31805822	166737	19.45	2	72.98	8	3		0.96	
3	Wells 1,3,9,12,13,14,15	LJ	800	257,001	31972559	362317	18.02	3	72.9	5/15	3		0.96	
4	Wells 1,3,9,12,13,14,15	LJ	1025	283,551	32334876	238419	19.66	4	73	12	3		0.99	
5	Wells 1,3,9,12,13,14,15	LJ	1120	343,517	32573295	318187	18.21	2	72.97	9	3		0.97	
6	Wells 1,3,9,12,13,14,15	LJ	1107	289,887	32891482	253694	18.53	3	72.54	6/11	3	5	0.87	
7	Wells 1,3,9,12,13,14,15	LJ	700	234,769	33145176	396650	18.21	3	72.95	8/13	3	5	0.71	
8	Wells 1,3,9,12,13,14,15	LJ	630	305,958	33541826	352980	19.7	4	73	10/15	10	5	0.31	Cl_2 pump tripped breaker over night turned pump up
9	Wells 1,3,9,12,13,14,15	LJ	700	233,237	33894812	122299	18.29	2	73.1	5/15	10	10	0.32	
10	Wells 1,3,9,12,13,14,15	LJ	1410	323,438	34017111	464160	18.51	4	72.89	5/15	10	10	0.13	injection quill came undone using more Cl_2 to get residual back. Added Cl2 to tank manually
11	Wells 1,3,9,12,13,14,15	LJ	630	323,442	34481271	301370	17.89	4	73	5/15	10	10	0.13	injection quill clogged w/$CaCO_3$, removed buildup; add chlorine to storage tank to maintain distrib. residual.
12	Wells 1,3,9,12,13,14,15	LJ	810	254,855	34752641	362685	17.93	3	73.01	5/15	6	10	1.24	5 gal water added to crock
13	Wells 1,3,9,12,13,14,15	LJ	1300	244,196	35926487	195097	19.09	4	73.07	9	6	5	2.85	
14	Wells 1,3,9,12,13,14,15	LJ	1020	295,377	35289172	128475	19.77	2	73.01	3/13	11		2.03	
15	Wells 1,3,9,12,13,14,15	LJ	1300	265,125	35484269	326863	18.57	3	73.02	2/12	7	5	2.03	5 gal Cl_2, 5 gal water
16	Wells 1,3,9,12,13,14,15	LJ	700	236,701	35612744	326863	18.25	3	72.94	5	4	5	1.79	Added 5 gal Cl_2 at 2:40PM up to 6 gal in crock
17	Wells 1,3,9,12,13,14,15	LJ	1200	322,625	35939607	340394	17.96	2	72.94	1/15	9	15	1.95	Changed crock
18	Wells 1,3,9,12,13,14,15	LJ	700	256,879	36280001	294509	18.13	2	73.03	6/26	12	20	1.96	
19	Wells 1,3,9,12,13,14,15	LJ	1125	278,723	36574510	273052	19.42	4	72.92	14	5		2.62	
20	Wells 1,3,9,12,13,14,15	LJ	1140	358,708	36847365	346837	18.18	2	73	9	4		2.21	
21	Wells 1,3,9,12,13,14,15	LJ	900	294,394	37194402	263305	18.3	3	73	5/15	5	10	1.7	
22	Wells 1,3,9,12,13,14,15	LJ	1300	271,023	37457707	265032	18.8	3	73.02	10	4		1.47	
23	Wells 1,3,9,12,13,14,15	LJ	645	274,094	37722739	226394	18.26	3	72.98	6/26	9	20	1.23	
24	Wells 1,3,9,12,13,14,15	LJ	700	293,027	37949133	450044	10.8	4	72.98	17	13		2.39	
25	Wells 1,3,9,12,13,14,15	LJ		327,859	38399177	208275	18.46	2	72.98	4/19	9	15	2.69	
26	Wells 1,3,9,12,13,14,15	LJ	1108	298,210	38607452	370960	18.64	3	72.73	10	8		2.76	
27	Wells 1,3,9,12,13,14,15	LJ	1130	256,035	38978412	194241	18.96	4	72.96	2/22	7	20	2.39	
28	Wells 1,3,9,12,13,14,15	LJ	1420	309,847	39172653	394682	19.19	1	73.01	15	8		2.41	
29	Wells 1,3,9,12,13,14,15	LJ	605	345,476	39468271	411600	19.62	1	72.97	7/17	9	10	2.22	
30	Wells 1,3,9,12,13,14,15	LJ	620	273,537	39879871	445202	18.01	2	73.03	8/13	9	5	2.04	
31	Wells 1,3,9,12,13,14,15	LJ	700	289,174	40325073	74929	18.82	4	72.98	4/14	10	10	2.17	Added 15 gal of Cl_2 at 1:30PM
Total				8,891,919							412	195		
AVG.				286,836							7		1.60	
			Max.	358,708								Min.	0.13	

Chlorine Mix Ratio = 10 gal quarts/gallons of 12.5 % chlori 30 gallons of water in crock

Reported by: William Bright Title: Operator YS DOH Operator Certification Numbe NY0029400

Signature: William A Bright Date: **8/8/2025** Operator Grade Level IA, C, D

Microbiological Samples and Free Chlorine Residual

Sample Location	Date of Sample	Sample Type 1. Routine 2. Repeat	Total Coliform Positive	E.coli Positive	Free Chlorine Residual (mg/l)
5 Park	7/23/2025	**1**	☐ Yes ☑ No	☐ Yes ☑ No	0.13
9-11 E Market	7/23/2025	**1**	☐ Yes ☑ No	☐ Yes ☑ No	0.52
Tradition Garden	7/23/2025	**1**	☐ Yes ☑ No	☐ Yes ☑ No	0.87
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	
			☐ Yes ☐ No	☐ Yes ☐ No	

Population Served: **2,730**

Number of microbiological monitoring samples required: **3**

Number of microbiological monitoring samples taken: **3**

Did an M&R violation o ☐ Yes ☑ No

If "Yes," check reason (s) below:

- Actual number of samples is fewer than required.
- Did not collect/analyze repeat sample.
- Did not collect/analyze for E. coli for positive total coliform from routine/repeat sample.

Did an MCL violation occur? ☐ Yes ☑ No

If "**Yes**," check reason(s) below (see also Part 5, Table 6 for additional information).

- For systems collecting less than 40 samples per month: two or more of the samples (routine and /or repeat) are positive for total coliform (= total coliform MCL violation).
- For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (= total coliform MCL violation).
- The original sample was E.coli positive and at least 1 repeat sample was positive for total coliform (= E.coli MCL violation).

Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.

As required by 5-1.72, "Operation of a Public Water System," a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period.

Sample Collector(s): LJ Smith

Name of NYSDOH Certified Laboratory: York Analytical

Did any MCL violation occur? If so, please describe:

Did an emergency or low pressure problem occur? Did source water bypass an existing treatment process in the system? If so, please explain.

added chlorine manually to storage tanks to maintain residual in distribution while trouble shooting chloine injector and feed line issues

Comments:

injection quill for sodium hypochlorite discovered to be clogged with build up of $CaCO_3$ 7/8 - 7/11, back pressure caused rupture of chlorine feed line; replaced line, repiped injection point, ordered replacement chlorine quill, added chlorine manually to storage tanks to maintain residual in distribution. Note-$CaCO_3$ blockage had to be physically removed; adding physical quill inspection to routine maintenance items as new operator will be taking over 8/1/2025. Replacement quill will be removable to allow for inspection, original injector was hard piped with no ability for inspection.

Technical Report

prepared for:

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Report Date: 07/24/2025
Client Project ID: Village of Red Hook
York Project (SDG) No.: N5G0642

CT Cert. No. PH-0800

New York Cert. No. 11706

56 Church Hill Road #2 ■ Newtown, CT 06470

www.YORKLAB.com (203) 270-9973 FAX (203) 270-3348 ClientServices@yorklab.com

Report Date: 07/24/2025
Client Project ID: Village of Red Hook
York Project (SDG) No.: N5G0642

Village of Red Hook
7467 S Broadway
Red Hook, NY 12571
Attention: J. Cavanaugh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 23, 2025 and listed below. The project was identified as your project: **Village of Red Hook**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
N5G0642-01	5 Park	Drinking Water	07/23/2025	07/23/2025
N5G0642-02	9-11 E Market	Drinking Water	07/23/2025	07/23/2025
N5G0642-03	Traditions Garden	Drinking Water	07/23/2025	07/23/2025

Sample Information

Client Sample ID: 5 Park **York Sample ID:** N5G0642-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5G0642	Village of Red Hook	Drinking Water	July 23, 2025 9:50 am	07/23/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Coliform, total	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	
E. Coli	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	

Sample Information

Client Sample ID: 9-11 E Market **York Sample ID:** N5G0642-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5G0642	Village of Red Hook	Drinking Water	July 23, 2025 10:03 am	07/23/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Coliform, total	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	
E. Coli	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	

Sample Information

Client Sample ID: Traditions Garden **York Sample ID:** N5G0642-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
N5G0642	Village of Red Hook	Drinking Water	July 23, 2025 10:16 am	07/23/2025

Field Analyses: Log-in/Sample Notes:

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Coliform, total	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	
E. Coli	**Absent**	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C	07/23/2025 16:20	07/23/2025 16:20	SWD
						Certifications:		NELAC-NY11706,CTDOH-PH-0800	

Definitions and Other Information

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

MCL The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: July 24, 2025

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: N5G0642

Page ____ of ____

Report To:	Invoice To:	YOUR Project Name / Number
Company:	Company:	NV/Oreckhook
Address: Same	Address: Same	**PO Number**
Phone.:	Phone.:	
Contact:	Contact:	
E-mail:	E-mail:	

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day X; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected by: (print AND sign your name)

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Analyses Requested: Total Coliform	G/C (Grab or Comp.)
Spark 0.13PPM	7/23	950	DW							X				X	G
9-11 EMarket 0.5PPM	7/23	1003	DW							X				X	G
Traditionsgarden	7/23	1016	DW							X				X	G

Report Type (circle): QA Report; Summary (Results Only) [circled]; NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	7/23/25 1126	Chri.C 7-23-25	11:25	Chri.C	7-23-25
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: ICA	Date/Time: 7/23/25 14.46; Temperature: 3.9 Degrees C

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