

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0036765
See below
APS ID 1142841
Authorization ID 1536447


Applicant and Facility Information

Applicant Name	<u>Wyoming County Healthcare Center Inc.</u>	Facility Name	<u>Wyoming County Healthcare Center (FKA Community Health Emergency & Outpatient Services)</u>
Applicant Address	<u>5950 SR 6</u> <u>Tunkhannock, PA 18657-7944</u>	Facility Address	<u>5950 SR 6</u> <u>Tunkhannock, PA 18657-7944</u>
Applicant Contact	<u>Jim Lenz</u>	Facility Contact	<u>Jim Lenz</u>
Applicant Phone	<u>(570) 290-3147</u>	Facility Phone	<u>(570) 290-3147</u>
Client ID	<u>394447</u>	Site ID	<u>249714</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Tunkhannock Township</u>
Connection Status	<u>NA (captive STP)</u>	County	<u>Wyoming</u>
Date Application Received	<u>July 31, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>August 6, 2025</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal and Transfer of NPDES and related WQM permits.</u>		

Summary of Review

This is a merged NPDES Permit Renewal and Transfer for a (captive) 0.0244 MGD STP discharging to 8-inch vitrified clay pipe (per E-facts) to dry channel/reach to Taques Creek (CWF, MF). The dry reach is not an identified perennial stream in E-maps.

- **Transfer:** Transfer application merged into NPDES permit renewal per SOP. Previous NPDES permit renewal application processed under APS# 1049431, with original permitting correspondence.
 - **EDMR Registration:** New EDMR registration required. The applicant originally submitted an EDMR registration update for a different client (Wyoming County Community Health Care LLC), prior to the new permittee taking over the facility on 11/1/2024 per NPDES/WQM Permit Transfer Application. **NOTE:** The revised application also referenced a different client (Wyoming County Community Healthcare, LLC) to whom several Safe Drinking Water Program permits had been transferred.
 - **Previous Permittees:**
 - Scranton Hospital Co. LLC (Client# 287673, EIN# 27-4564798): NPDES Permit and WQM Permit No. 6613401. WQM Permit No. 6613401-T1 was under Auth#1379224
 - Tunkhannock Hospital Co. LLC DBA Tyler Memorial Hospital (Client# 287410, EIN# 27-4566015): WQM Permit Nos. P16459-T1 and 6688401-T1, which apparently were not transferred with the previous NPDES permit transfer. Permits were last transferred on 5/20/2011 under APS# 748425. Previous permittee address: 880 SR 6W, Tunkhannock PA 18657, no e-mail address in original transfer application. Client E-mail address being used for this transfer: rrcoolbaugh@health-partners.org.
 - **New Permittee:** Wyoming County Healthcare Center Inc. (EIN# 33-2182717), Client # 394447.

Approve	Deny	Signatures	Date
X		James D. Berger (signed) James D. Berger, P.E. / Environmental Engineer	August 11, 2025
X		 Edward Dudick, P.E. / Environmental Engineer Manager	August 12, 2025

Summary of Review

- Transfer Application Form Information: \$200 WQM Permit Transfer Application Fee was paid via Public Upload# 368947. The correct application fee was \$250. (No fee was required for NPDES permit renewal/transfer)
 - Took control on 11/1/2024 per NPDES/WQM Permit Transfer Application form. Identified as owner/operator on GIF.
 - Hospital services include inpatient and outpatient services. No proposed change in discharge loadings or concentrations.
 - No proposed facility name change per NPDES/WQM permit transfer application form but renamed on GIF as "Wyoming County Healthcare Center". **NOTE:** Since the previous name (Community Health Emergency & Outpatient Services) is a registered fictitious name for the previous permittee, the name has been changed in E-facts.
- 7/2/2025 Public Upload Note (from submitter) Information: To clarify the matter regarding email addresses associated with Alderdice Inc. as listed in the NPDES permit application.
 - Wyoming County Healthcare Center (WCHC) is a newly established nonprofit organization formed to operate and manage the subject facility. All operational control and day-to-day management responsibilities reside with WCHC, which is the proposed NPDES permittee. WCHC is the legal and functional operator of the facility and is responsible for full compliance with all permit conditions and applicable environmental regulations.
 - At the time of formation, WCHC onboarded personnel from a separate, unrelated business owned by one of WCHC's founders—Alderdice Inc. These individuals, including those with the email addresses in question (e.g., jiml@alderdiceinc.com and williamj@alderdiceinc.com), are now full-time employees of WCHC. To facilitate a smooth transition and maintain continuity in departmental responsibilities (such as grant administration, facilities operations, and compliance correspondence), they have continued to use their previously established email accounts strictly for certain administrative functions.
 - To ensure clarity:
 - William Jeffreys and Jim Lenz are employed solely by WCHC.
 - WCHC, not Alderdice Inc., holds all operational authority and accountability for the facility and the NPDES permit.
 - We understand the importance of clear lines of operational responsibility and appreciate your diligence in ensuring compliance with NPDES regulations. If needed, a letter from the executive director of WCHC can be submitted to verify our employment status.
- 7/28/2025 Applicant (Jim Lenz) E-mail clarification: Wyoming Health Care Center, Inc. is the current owner of the real estate and improvements located on Route 6 in Tunkhannock, Wyoming County, Pennsylvania. Wyoming County Community Healthcare, LLC was originally a operating entity for the building located at the Tyler Memorial Hospital. There is no relationship between the Scranton Hospital Co., Inc. and Wyoming County Community Healthcare, LLC. **NOTE:** The 7/2/2025 Name Change Form had indicated a name change, not a permit transfer scenario, for Wyoming County Community Healthcare LLC, but change in EIN# meant form had incorrect information and it included other conflicting information.
- Other Information: The 6/6/2025 Public Upload No. # 322848 Revised NPDES Application included no narrative response to 9/3/2024 DEP Technical Deficiency Letter (for letter sent to Scranton Hospital Co. LLC) mentioned other business entities, but it is unclear what their relationship is to the client/permittee:
- **Revised Application:**
 - **Public Upload# 322848:** Name change correction form (discarded due to inaccurate information contained therein), GIF correction, revised Application
 - **Public Upload# 335233:** NPDES/WQM permit transfer application form. **WQM Permits (P16459-T2; WQM Permits Nos. 6688401-T2 and 6613401-T2) will be transferred concurrent with Final NPDES Permit action.** EDMR registration update form not attached. Previous EDMR registration update is obsolete (wrong permittee). Not all permits were transferred at the same time.
- **AADF Flows:** The Annual Average Daily flows were 0.008 MGD AADF (2020), 0.007 MGD AADF (2021), 0.005 MGD (2022), 0.0046 MGD (2023), 0.0057 MGD (2024), and 0.0085 MGD (2025) with highest monthly flow of 0.009236 MGD in March 2025.

Sludge use and disposal description and location(s): 0.751 dry tons hauled offsite (WVSA or other) for disposal.

Summary of Review

Part C Special Conditions: Changes bolded.

- **Part C.I.A through D:** Existing standard Stormwater prohibition; Necessary property rights; Residuals management; Planning
- **Part C.I.E:** New standard chlorine minimization condition
- **Part C.I.F:** New standard dry stream condition due to discharge to dry reach prior to flow reaching perennial stream. Had been in previous 2013 NPDES Permit.
- **Part C.I.G:** New standard operator-in-responsible charge notification requirement due partly to pattern of exceedances and delays in responses to Department queries.
- **Part C.I.H:** New special condition requiring the permittee to provide GPS-verified latitude & longitude for where facility discharge reaches the receiving perennial stream.
- **Part C.II:** Existing standard solids conditions
- **Part C.III:** New WQBELs for Toxic Pollutants (Total Copper) condition due to Reasonable Potential Analysis.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

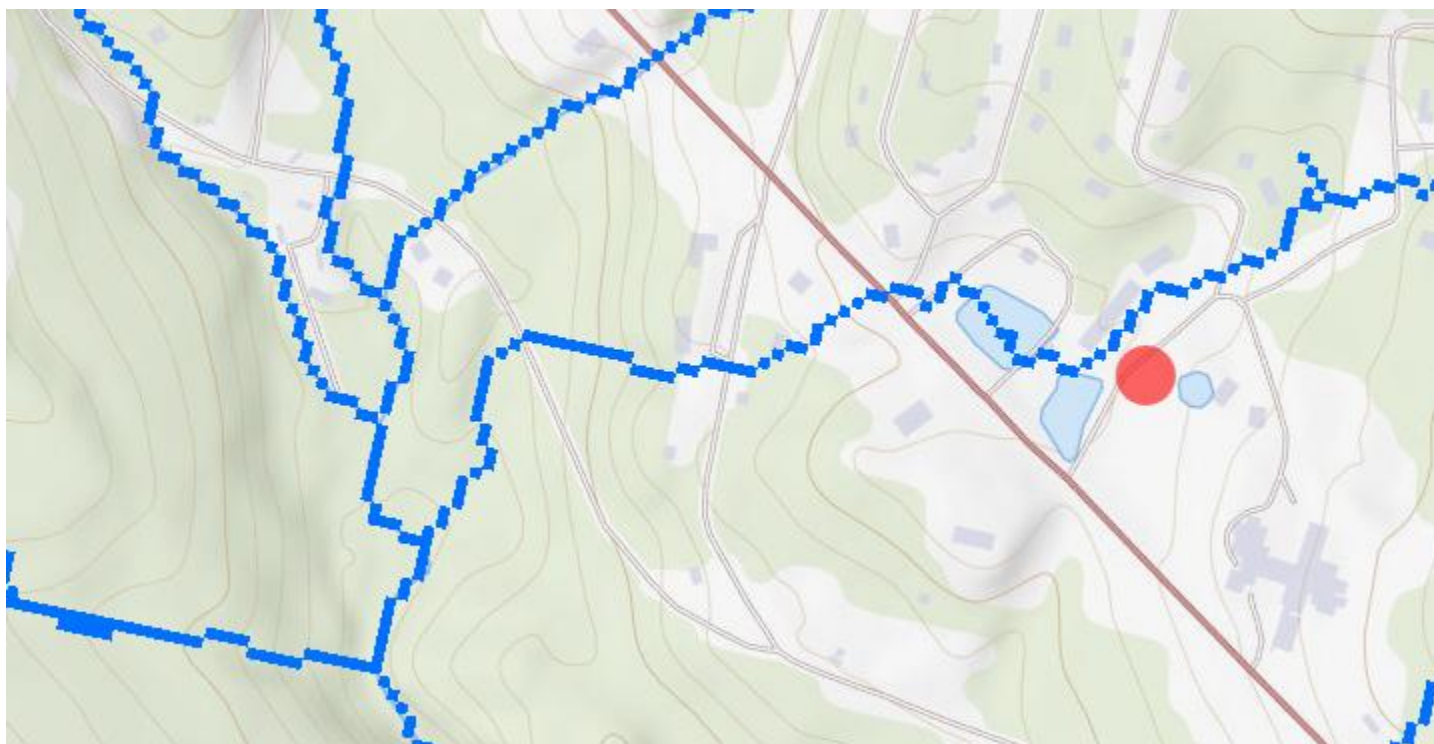
Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0244
Latitude	41° 34' 40.62"	Longitude	-75° 58' 45.43"
Quad Name	Tunkhannock	Quad Code	0638 (2.20.3)
Wastewater Description: Sewage Effluent			
Receiving Waters	Taques Creek (CWF, MF)	Stream Code	29239
NHD Com ID	66405443	RMI	1.2800
Drainage Area	3.49	Yield (cfs/mi ²)	0.006
		USGS PA Streamstats using LFY method for confluence of Taques Creek and Susquehanna River.	
Q7-10 Flow (cfs)	0.021	Q7-10 Basis	
Elevation (ft)	818.5	Slope (ft/ft)	-
Watershed No.	4-G	Chapter 93 Class.	CWF, MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-	Name	-
<u>Background/Ambient Data:</u> None available		<u>Data Source</u>	
pH (SU)	-	-	
Temperature (°F)	-	-	
Hardness (mg/L)	-	-	
Other:	-	-	
<u>Nearest Downstream Public Water Supply Intake</u>		<u>PWS intake (Salem Township, Luzerne County)</u>	
PWS Waters	Susquehanna River	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	>20 miles

Changes Since Last Permit Issuance: Updated Outfall coordinates (per Renewal Application).

Other Comments:

- Taques Creek (CWF; Stream# 33420) flows into the Susquehanna River (WWF; Stream# 6685; North branch).
- Q7-10 Low Flow: USGS PA Streamstats estimated the 4.96 square mile Taque Creek drainage area had a 0.0299 CFS Q7-10 low flow. This is equivalent to a **0.006 CFS/square mile watershed LFY**. Previous NPDES permitting had assumed Susquehanna River LFY which is invalid due to differences in the applicable drainage areas (size and characteristics). 1987 WPC Report used a ~0.022 CFS/square mile LFY from Meshoppen Creek (likely obsolete PA Bulletin No. 12 gage info) and indicated a dry stream discharge situation. In practical terms:
 - Dry Reach: The low LFY confirms the dry drainage channel is likely an intermittent stream (at best) and largely due to STP discharge.
 - Taques Creek: This is an effluent-dominated stream (1.65:1) at NPDES Permit basis discharge, with limited dilution capacity.

- Discharge on Perennial Stream: The facility discharges to a dry channel/reach that flows for ~0.41 miles before reaching Taques Creek (point of first use by aquatic life) per USGS PA Streamstats-indicated channel route. Facility failed to identify discharge point coordinates on Taques Creek (or UNT) despite several requests.
 - The applicant provided only a photo of the discharge pipe to a dry channel with coordinates (9/13/2024 E-mail). The USGS PA Streamstats shows a dry reach swale to Taques Creek, (not shown as a perennial stream on E-maps) and not to the northward UNT to Taques Creek (CWF; Stream# 29241). Therefore Taques Creek is assumed to be the receiving stream with the dry reach as identified in original NPDES Permitting (see Permit History & Communications Log below), but verification will be required by permit condition.
 - The DEP Biologist did not follow discharge route from STP to the UNT or Taques Creek, but did note presence of aquatic life in the northern UNT (where Route 6 crosses over) which is a potential alternate drainage route if the drainage route was modified due to previous Route 6 construction).
 - USGS PA Streamstats Excerpt (Red Dot is STP sampling location coordinates): Streamstats shows a drainage channel from the hospital complex to Taques Creek that does not discharge to the UNT to Taques Creek.



- E-maps Excerpt (showing flowing stream relative to STP sampling Point): Aerial photo (E-maps) and USGS Topo shows a pond between STP and UNT, but it is unclear if it is the former polishing pond or some other pond/depression.



Treatment Facility Summary				
Treatment Facility Name: Wyoming County Healthcare Center				
WQM Permit No.	Issuance Date	Scope		
6613401-T2 6688401-T2 P16459-T2	TBD	Transfer to Wyoming County Healthcare Inc. – to be concurrently transferred with Final NPDES Permit issuance.		
6613401-T1	1/6/2022	Transfer of WQM permits to Scranton Hospital Co. LLC (APS# 1053368)		
6613401	1/19/2014	Construction of a 4,500 ft³ back-up aeration tank at the wastewater treatment facility; In addition to the new tank, an automatic sampler and a pole barn cover for the process tanks will be added to the wastewater treatment plant. A ½ HP comminutor, comminutor box, flow splitter box, and two 1/3 HP sand filter backwash pumps will replace existing components, and other miscellaneous mechanical and electrical work will be performed to optimize the existing treatment processes		
P16459-T1	5/20/2011	Transfer of permit to Tunkhannock Hsp Co LLC.		
6688401-T1	May 20, 2011	Transfer of permit		
6688401	12/16/1988	Modification of 0.0244 MGD STP to include: new comminutor and bypass; flow equalization tank; new high-rate dual media filter; new chlorine contact tank and chlorination system; new lab area and filter housing. The existing detention pond was to be drained and filled in. Existing extended aeration tank, existing secondary clarifier; existing aerobic digestion tank retained.		
P16459	1/25/1965	Original STP permit for Tyler Memorial Hospital, with 60 – 72 beds (122 persons). STP included comminutor with bypass screen, aeration tank, settling tank, chlorination tank and polishing pond.		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Tertiary	Extended Aeration With Solids Removal	Chlorine disinfection	0.0244
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0244	49.4	Not Overloaded	None	Disposal

Changes Since Last Permit Issuance: None known

Other Comments:

Treatment Plant description: Influent EQ Tank, Aeration tank, Clarifier, Tertiary filter, then chlorine disinfection (sodium hypochlorite), flow meter, and outfall. Sludge holding tank onsite. No upgrades anticipated in next 5 years. Soda ash is used for pH adjustment

- See above for WQM permit description. There are discrepancies including: Unmentioned Comminutor/bar screen, back-up aeration tank, and aerated sludge holding tank/aerobic digester that could be simple description omissions.
- 6/15/2021 Inspection Description: The plant consists of one treatment train which included a comminuter, manual bar screen, equalization tank, flow control box, aeration basin, primary clarifier, effluent launder, sand filter and a chlorine contact tank.

No upgrades planned: Please note that if the STP is replaced or substantially upgraded, more stringent permit limits (dry stream/drainage channel Advanced Treatment Standard and Chapter 92a.48 TRC TBEL) would apply.

Compliance History

DMR Data for Outfall 001 (from July 1, 2024 to June 30, 2025)

Parameter	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24
Flow (MGD) Average Monthly	0.00540 8	0.00622 4	0.00641 3	0.00923 6	0.00957	0.00906 6	0.00868	0.00778	0.00712 7	0.00544 05	0.00697 8	0.00576 2
Flow (MGD) Daily Maximum	0.01212 8	0.01099 2	0.01168	0.01906 4	0.01848	0.0194	0.01691 2	0.01379 2	0.01384 2	0.01090 4	0.01987 2	0.01206 4
pH (S.U.) Instantaneous Minimum	7.37	7.69	7.2	7.06	7.15	7.14	6.69	7.45	7.33	8.0	7.9	8.0
pH (S.U.) Instantaneous Maximum	8.3	8.92	8.19	8.09	8.08	7.81	7.98	8.56	8.54	8.63	8.65	8.31
TRC (mg/L) Average Monthly	0.21	< 0.25	0.32	0.43	0.34	< 0.39	< 0.30	0.26	0.34	0.21	0.19	0.24
TRC (mg/L) Instantaneous Maximum	0.60	0.60	0.70	1.21	0.42	0.70	0.63	0.38	0.70	0.35	0.37	0.4
CBOD5 (mg/L) Average Monthly	< 2.0	< 2.5	< 2.0	< 2.0	< 2.5	< 2.5	< 2.0	< 2.5	4.0	4.0	5.5	6.5
TSS (mg/L) Average Monthly	4.0	< 3.0	< 4.0	< 3.0	< 4.5	< 3.0	< 3.5	< 3.0	5.0	< 4.5	< 3.5	< 3.0
Fecal Coliform (No./100 ml) Geometric Mean	219	> 557	< 1	< 1	< 1	< 1	1	< 2	2	< 1	464	< 3
Fecal Coliform (No./100 ml) Instantaneous Maximum	517	> 2420	2	1	< 1	< 1	2	3	5	2	1203	7
Nitrate-Nitrite (lbs/day) Annual Average							0.01					
Nitrate-Nitrite (mg/L) Annual Average							0.25					
Total Nitrogen (lbs/day) Annual Average							1.0					
Total Nitrogen (mg/L) Annual Average							< 24.9					

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Wyoming County Healthcare Center Inc.

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Ammonia (mg/L) Average Monthly	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.2	< 0.1	< 0.1	< 0.1	< 0.6	0.1	0.2
TKN (lbs/day) Annual Average							0.04					
TKN (mg/L) Annual Average							1					
Total Phosphorus (lbs/day) Annual Average							0.02					
Total Phosphorus (mg/L) Annual Average							0.5					

DMR Data for Outfall 001 (from July 1, 2023 to June 30, 2024)

Parameter	JUN-24	MAY-24	APR-24	MAR-24	FEB-24	JAN-24	DEC-23	NOV-23	OCT-23	SEP-23	AUG-23	JUL-23
Flow (MGD) Average Monthly	0.00391 9	0.00427 8	0.00467 2	0.00631	0.00544 8	0.16889 6	0.00673 9	0.00574 3	0.00513 5	0.006	0.004	0.004
Flow (MGD) Daily Maximum	0.00716 8	0.00726 4	0.01192 8	0.00887 2	0.04608	0.04608	0.01834 4	0.00898	0.01004	0.0036	0.006	0.005
pH (S.U.) Instantaneous Minimum	7.58	6.54	6.22	7.60	6.01	6.01	7.42	7.24	7.75	7.9	6.4	7.7
pH (S.U.) Instantaneous Maximum	8.37	8.08	8.37	7.94	8.51	8.51	8.45	8.45	8.41	8.5	8.7	7.8
TRC (mg/L) Average Monthly	0.25	0.23	0.31	0.54	0.37	0.37	0.32	0.38	0.52	0.31	0.53	0.63
TRC (mg/L) Instantaneous Maximum	0.49	0.59	0.70	0.75	0.59	0.59	0.57	0.56	0.75	0.57	1.46	1.27
CBOD5 (mg/L) Average Monthly	5	3.5	9.0	< 8.0	7.5	7.5	< 2.5	< 3.0	4.0	3.5	6.0	5.5
TSS (mg/L) Average Monthly	< 3.0	< 3.0	11.0	10.0	11.0	11.0	< 3.0	5.0	< 3.5	5.0	6.5	< 3.0
Fecal Coliform (No./100 ml) Geometric Mean	6	12	23	< 2	< 3	< 3	< 9	< 4.00	2.0	2420	18	139
Fecal Coliform (No./100 ml) Instantaneous Maximum	7	135	546	3	9	9	86	13.0	2.0	> 2420	37	> 2420

Nitrate-Nitrite (lbs/day) Annual Average							1.0					
Nitrate-Nitrite (mg/L) Annual Average							22.5					
Total Nitrogen (lbs/day) Annual Average							1.0					
Total Nitrogen (mg/L) Annual Average							25.1					
Ammonia (mg/L) Average Monthly	< 0.1	0.1	2.3	5.1	8.6	8.6	0.4	< 0.6	0.1	< 0.10	< 0.20	0.20
TKN (lbs/day) Annual Average							1.0					
TKN (mg/L) Annual Average							2.6					
Total Phosphorus (lbs/day) Annual Average							1.0					
Total Phosphorus (mg/L) Annual Average							2.3					

Compliance History

Effluent Violations for Outfall 001, from: July 1, 2023 To: June 30, 2025

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
Fecal Coliform	06/30/25	Geo Mean	219	No./100 ml	200	No./100 ml
Fecal Coliform	08/31/24	Geo Mean	464	No./100 ml	200	No./100 ml
Fecal Coliform	05/31/25	Geo Mean	> 557	No./100 ml	200	No./100 ml
Fecal Coliform	09/30/23	Geo Mean	2420	No./100 ml	200	No./100 ml
Fecal Coliform	05/31/25	IMAX	> 2420	No./100 ml	1000	No./100 ml
Fecal Coliform	08/31/24	IMAX	1203	No./100 ml	1000	No./100 ml
Fecal Coliform	09/30/23	IMAX	> 2420	No./100 ml	1000	No./100 ml

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Summary of Inspections:

FACILITY NAME	INSP PROGRAM	INSP ID	INSPECTED DATE	INSP TYPE	INSPECTION RESULT DESC	# OF VIOLATIONS
WYOMING CNTY HEALTHCARE CENTER	WPCNP	3678472	12/28/2023	Administrative/File Review	Violation(s) Noted	1
WYOMING CNTY HEALTHCARE CENTER	WPCNP	3207978	06/15/2021	Compliance Evaluation	No Violations Noted	0
WYOMING CNTY HEALTHCARE CENTER	WPCNP	3022970	04/20/2020	Administrative/File Review	No Violations Noted	0

Other Comments:

- Transfer Related:
 - Facility took over facility on 11/1/2024, but submitted NPDES/WQM Permit Transfer Application form in July 2025 (post-facto), despite multiple requests.
EDMR Registration document not attached to NPDES/WQM Permit Transfer Application. EDMR places current contact under old (Scranton Hospital Co. Inc.) client number. **NOTE:** The previous 9/13/2024 EDMR paperwork was for Wyoming County Community Healthcare LLC (not the permittee) and prior to current permittee taking over the facility.
- 12/28/2023 NOV issued (Chapter 302 Operator Certification Service Fee).
- 6/15/2021 Inspection Report indicated chlorination system was being modified to be flow-proportional, but they were to notify the Department when that was done.
- No open violation for permittee under new client (Wyoming County Healthcare Center Inc.) number per 8/7/2025 WMS query (open violation by client number). No open violation under previous permittee (Scranton Hospital Co. LLC.) client number, **but eight (8) open Safe Drinking Water Violations under Client# 381342 (Wyoming County Community Healthcare LLC) for this facility. Some application documents were previously submitted under that client name.**

Current NPDES client (Wyoming County Healthcare Center Inc.):

Client ID: 394447

Client: All

Open Violations: 0

No data was found using the criteria entered. Please revise your choices and try again.

Wyoming County Community Healthcare LLC (Safe Drinking Water Client# 381342):

CLIENT	INSP PROGRAM	PROGRAM SPECIFIC ID	VIOLATION ID	VIOLATION DATE	VIOLATION CODE	VIOLATION
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WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240125	07/08/2025	C4A	FAILURE TO OPERATE AND MAINTAIN THE WATER SYSTEM
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240127	07/08/2025	C1A	FAILURE TO MEET DESIGN AND CONSTRUCTION STANDARDS
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240128	07/08/2025	C4A	FAILURE TO OPERATE AND MAINTAIN THE WATER SYSTEM
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240129	07/08/2025	C1A	FAILURE TO MEET DESIGN AND CONSTRUCTION STANDARDS
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240130	07/08/2025	C4A	FAILURE TO OPERATE AND MAINTAIN THE WATER SYSTEM
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240131	07/08/2025	C7	FAILURE TO COMPLY WITH A PERMIT CONDITION
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240132	07/08/2025	C1A	FAILURE TO MEET DESIGN AND CONSTRUCTION STANDARDS
WYOMING CNTY COMM HEALTHCARE LLC	Safe Drinking Water	2660603	8240133	07/08/2025	C1A	FAILURE TO MEET DESIGN AND CONSTRUCTION STANDARDS

Development of Effluent Limitations

Outfall No. 001
Latitude 41° 34' 44.90"
Wastewater Description: Sewage Effluent

Design Flow (MGD) .0244
Longitude -75° 58' 16.10"

Permit Limits/Monitoring (changes bolded):

Parameter	Limit (mg/l unless otherwise specified)	SBC	Model/Basis
CBOD ₅	Report (lbs/d) Report (lbs/d) 10.0 20.0 20.0	Monthly Average Daily Max Monthly Average Daily Max IMAX	New dry channel WQBEL imposed to prevent nuisance potential. Previous Technology limit (Chapter 92a.47) was supported by water quality modeling. EDMR and Application data shows dry stream standards can be met. In the absence of any nuisance, existing limits retained. <u>Old Application data:</u> 13.5 mg/l max and 5.24 mg/l average (48 samples) <u>Revised Application data:</u> 22 mg/l max and 6.1 mg/l average (48 samples) EDMR data: See above.
TSS	Report (lbs/d) Report (lbs/d) 10.0 20.0 20.0	Monthly Average Daily Max Monthly Average Daily Max IMAX	New dry channel WQBEL imposed to prevent nuisance potential. Previous Technology limit (Chapter 92a.47). EDMR and Application data shows dry stream standards can be met. In the absence of any nuisance, existing limits retained. <u>Old Application data:</u> 19.5 mg/l max and 5.83 mg/l average (48 samples) <u>Revised Application data:</u> 15 mg/l max and 6.6 mg/l average (48 samples) EDMR data: See above. One exceedance of new limit shown in EDMR data above (over 24 month period).
pH	6.0 – 9.0 SU	Inst. Min - IMAX	Existing Technology limit (Chapter 92a.47) <u>Old Application data:</u> 6.6 – 9.2 SU (730 samples) <u>Revised Application data:</u> 6.01 – 8.7 SU (730 samples)
DO	3.0	Inst. Min	New WQBEL limit, effective immediately as normal treated sewage is expected to have this concentration. Data is not available to show whether Dry Stream policy's Advanced Treatment limits can be met or 4.0 mg/l BPJ for new facilities. The Department will re-evaluate this limit during the next NPDES Permit renewal. <u>Old Application data:</u> No data on form. <u>Revised Application data:</u> No data on form.
Fecal Coliform (5/1 – 9/30)	200/100 ml 1,000/100 ml	Geo Mean IMAX	Existing Technology limit (Chapter 92a.47). Data shows the Dry Stream policy's Advanced Treatment limits cannot be met.

			Old Application data: 110/100 ml max and 16.21/100 ml average (48 samples). New Application data: >2420/100 ml max and 238.46/100 ml average (48 samples)
Fecal Coliform (10/1 – 4/30)	2,000/100 ml 10,000 ml/100 ml	Geo Mean IMAX	See above
E coli	Report/100 ml	Inst. Min	New standard requirement due to Chapter 93 WQS. No application data
			Existing WQBEL. Per DEP Policy, technology-based effluent limitations govern for discharges to drainage ditches and swales. Given drainage swale discharge and lack of de-chlorination (& age of TP) retained as facility-specific BAT (Chapter 92a.48). Old regional BAT was 1.2 mg/l monthly average for small facilities. TRC has no dry stream Advanced Treatment standard. Old Application data: 2.2 mg/l max, 0.65 mg/l average (730 samples) New Application data: 1.46 mg/l max, 0.39 mg/l average (730 samples)
Total Residual Chlorine	0.81 1.88	Average Monthly IMAX	
Ammonia-Nitrogen May 1 - Oct 31	Report (lbs/d) Report (lbs/d) 9.0 18.0 18.0	Monthly Average Monthly Average Daily Max IMAX	Existing WQBEL Old Application data: 13 mg/l max and 0.94 mg/l average (48 samples) New Application data: 11.11 mg/l max and 2.76 mg/l average (48 samples)
Ammonia-Nitrogen Nov 1 – April 30	Report (lbs/d) Report (lbs/d) 25.0 50.0 50.0	Monthly Average Daily Max Monthly Average Daily Max IMAX	Monitoring (winter) requirement superseded by minimum statewide technology BPJ standards (SOP) which the facility has been meeting. Old Application data: See above
Total Phosphorus	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	Existing monitoring requirement. Data shows the Dry Stream policy's Advanced Treatment limits cannot be met. Old Application data: 2.55 mg/l max and 2.33 mg/l average (2 samples) New Application data: 2.3 mg/l max and 1.06 mg/l average (3 samples)
Total Nitrogen (TKN + Nitrate-N + Nitrite-N measured in same sample)	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	Existing monitoring requirement (Chapter 92a.61). Data shows the Dry Stream policy's Advanced Treatment limits cannot be met. Old Application data (TN): 20 mg/l max and 19.35 mg/l average (2 samples)
TKN	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	Existing monitoring requirement (Chapter 92a.61) Old Application data: None.
Nitrate- Nitrite-N	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	Existing monitoring requirement (Chapter 92a.61) Application data: None Nitrate-Nitrite: 46.4 mg/l Nitrate-Nitrite max and 24.0 mg/l average (24 samples) NO3: 46.4 mg/l max and 24.0 mg/l average (24 samples) per application table.

Copper, Total (Final, with interim monitoring for 3 years)	0.003 0.004 0.014 0.022 0.022	Monthly Average Daily Max Monthly Average Daily Max IMAX	New WQBEL per Reasonable Potential Analysis (with 3- years of interim monitoring). Application data: 0.0311 mg/l (1 sample)
Aluminum, Total	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	New monitoring requirement per Reasonable Potential Analysis Application data: 0.107 mg/l (1 sample)
Iron, Total	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	New monitoring requirement per Reasonable Potential Analysis Application data: 0.421 mg/l (1 sample)
Zinc, Total	Report (lbs/d) Report (lbs/d) Report Report	Annual Average Daily Max Annual Average Daily Max	New monitoring requirement per Reasonable Potential Analysis Application data: 0.0442 mg/l (1 sample)

Comments:

- Going to 24-hour composite sampling to eliminate potential biasing.
- New Daily max limits are based on existing IMAX limits (since any duration of exceedance of an IMAX limit is exceedance of the IMAX limit). Other daily max reporting (concentration and mass loading) does not require any additional sampling, only reporting and calculation.
- This is a dry stream discharge (~0.41-mile dry reach length) before reaching the perennial Taques Creek. The facility provided the coordinates for where the pipe discharges to the dry stream reach.
 - Original 1987 NPDES permit limits were technology-based effluent limits (CBOD5, TSS, and pH) with WQBELs for Ammonia-N limits and fecal coliform limits. Fecal Coliforms is now a regulatory TBEL also.
 - Dry Stream Advanced Treatment Requirements: Per DEP SOP# BCW-PMT-033 (Standard Operating Procedure (SOP) for Clean Water Program Establishing Effluent Limitations for Individual Sewage Permits) Section I.C, for existing discharges to dry stream (if more stringent treatment standards cannot be achieved), the Department does not apply the DEP Dry stream standards (DEP ID# 391-2000-014) unless the receiving stream is impaired and the point source discharge contributes to the impairment (which is not the case here). The Section I.F dry stream standards (a.k.a. Advanced Treatment Requirements) include: 10 mg/l AML CBOD5, 10 mg/l AML TSS, 5 mg/l AML Total N, 6 mg/l Minimum Dissolved Oxygen (DO), 0.5 mg/l AML Total Phosphorus, and effective disinfection (with no seasonal adjustment limits available). Standard daily/IMAX multipliers would apply.
 - The facility has been able to comply with the CBOD5 and TSS limits which are incorporated above.
 - The facility has not been able to meet the Total Nitrogen or Total Phosphorus limits (and no data is available for the DO discharge) but is not contributing to any known Tacque Creek impairment. Therefore, Advanced Treatment Requirements are not required for this old STP, but might apply in future if STP is replaced or substantially upgraded in the future.
 - Dry Stream WQBELs: All water quality standards, including general and specific surface water quality criteria and protected uses in Chapter 93, and those developed or applied under Chapter 16, must be met for the full length of any natural or human-made watercourse.
 - As an exception to this, surface water quality criteria and protected uses designed to protect aquatic life apply at the point of first surface water use, and all points downstream.
 - Specific substances to be controlled in all surface waters include, but are not limited to, floating materials, oil, grease, scum and substances that produce color, tastes, odors, turbidity or settle to form deposits. These nuisance conditions must be controlled in any surface water, natural or human-made, as per Chapter 93.
- WQM Model 7.1.1: Updated Water Quality modeling shows new CBOD5 limits (10 mg/l monthly average), new DO limits (3 mg/l Instantaneous Minimum) and existing Ammonia-N limits are protective. Two reaches were modeled.

- The initial dry stream reach is subject to natural processes in terms of these constituents. See attached modeling which showed the expected concentrations at the end of dry reach (discharge to receiving stream).
- The wet reach modeling used the dry reach discharge quality to show that the recommended limits are protective for Taques Creek.



WCHCWQModel.pdf

- **Reasonable Potential Analysis:** Per DEP SOP# BCW-PMT-033 (Standard Operating Procedure (SOP) for Clean Water Program Establishing Effluent Limitations for Individual Sewage Permits) Section I.F.1, renewals of individual sewage permit applications follow SOP No. BCW-PMT-037 guidance. A dry reach has no assimilative capacity for metals, so entire metal loading reaches Taques Creek. The Toxic Management Spreadsheet (TMS) indicated the need for copper limits.

☒ **Recommended WQBELs & Monitoring Requirements**

No. Samples/Month: **4**

Pollutants	Mass Limits		Concentration Limits				Governing WQBEL	WQBEL Basis	Comments
	AML (lbs/day)	MDL (lbs/day)	AML	MDL	IMAX	Units			
Total Aluminum	Report	Report	Report	Report	Report	mg/L	0.75	AFC	Discharge Conc > 10% WQBEL (no RP)
Total Copper	0.003	0.004	0.014	0.022	0.022	mg/L	0.014	AFC	Discharge Conc ≥ 50% WQBEL (RP)
Total Iron	Report	Report	Report	Report	Report	mg/L	2.33	CFC	Discharge Conc > 10% WQBEL (no RP)
Total Zinc	Report	Report	Report	Report	Report	mg/L	0.12	AFC	Discharge Conc > 10% WQBEL (no RP)



WCHCTMSPDF.pdf

Communications Log & Permit History:

- **Permit history:**
 - Permitted as an existing dry stream discharge per 3/27/1987 Water Pollution Control Report for an existing STP serving a hospital. CBOD5, TSS, and pH were technology-based effluent limits. Ammonia-N limits and fecal coliform limits were WQBELs.
 - 06/09/10 – original facility name was Tyler Memorial Hospital
 - 5/4/11 - transfer from Mercy Tyler Hosp to Tunkhannock Hsp Co LLC
 - 5/10/13 - Client is Tunkhannock Hsp Co LLC
 - 10/4/21 - transfer application for transfer to Scranton Hospital Co. LLC received.
 - 1/6/2022: The permit transferred with an expiration date of October 31, 2023. The permit renewal application was due May 4, 2023.
- **4/27/2023:** NPDES Permit Renewal Application received.
- **5/3/2023:** Initial Incompleteness Letter issued.
- **5/4/2023:** Consultant (Hudak) query on open violations (Drinking water violations).
- **5/4/2023:** DEP (Berger) E-mail with list of open violations sent to consultant
- **6/2/2023:** **On-Base No. 110216** received. Response to Incompleteness letter received.
- **12/6/23:** **No transfer NPDES/WQM Permit Transfer or NPDES Permit application update received, but Safe Drinking Water Program permits transferred to Wyoming Co Comm Healthcare LLC (Client# 381342).**
Contact info:

- Jim Lenz (Op Manager),
Wyoming Co Comm Healthcare LLC
301 Shore Drive, Tunkhannock PA 18657-7944, at 570-996-1139, jiml@alderdiceinc.com
- Contract Operator: Ryan Detweiler, ESC
- **8/30/2024:** DEP (Berger) E-mail asking about ten open violations and if contact information is still valid.
- **9/3/2024:** Tech Def letter due to apparent NPDES/WQM permit transfer requirement and need to identify discharge point on stream for POFU and water quality modeling. Superseded the 8/30/2024 E-mail (questions in letter also).
- **9/9/2024:** DEP EDMR registration desk e-mail to facility (copied to this reviewer). Facility (Jim Lenz, Alderdice Inc.?) had inquired about a name change for the facility (to Wyoming County Community Health Care LLC) that had not been incorporated into annual billing invoice (with attached EDMR change of available operator form attached). Central Office noted that if it was an ownership change, it might require a NPDES Permit Transfer application. The attached form identified the certified operator as Eugenia Roche, but did not identify the previous Operator or the Operator's company affiliation.
- **9/13/2024:** Applicant (Jim Lenz) E-mail with EDMR registration documentation. E-mail noted:
 - Apparently, our paperwork got lost. I checked with accounting and the original checks, written 10-12-2023, are still open. I have had new checks cut and have sent them and the Permit Transfer forms.
 - The building is no longer a Hospital, when we took ownership, it was approximately 20% occupied. It will become a Healthcare center. We are currently about 40% occupied.
 - Attached is copy of the forms along with the location of the discharge.
 - Your item 4;
 - A The plant has not been converted to flow-proportional dispensing.
 - B Sence the building was near empty no sewage sludge/biosolids were disposed of offsite in 2023.
 - C I am unaware of exceeding permit limits, usage was so low we had a lack of flow, so we had to seed the plant to keep it alive.
 - Yes, we can conduct 24-hour sampling as we have a programmable composite sampler
 - We have hired Environmental Services to do the daily monitoring and testing
 - This the first time I have been made aware of outstanding violations, as the violations occurred before our ownership. I will be reaching out to the DEP Safe Drinking Water Program via the number proved in this email.
 - Photo with coordinates for pipe discharge.

NOTE: EDMR paperwork was for Wyoming County Community Healthcare LLC (not the permittee)
- **9/13/2024:** DEP (Berger) E-mail response to 9/13/2025 Lenz E-mail: Forwarded EDMR registration paperwork only addresses updating the EDMR reporting system for new client contacts. It is not the required NPDES/WQM Permit Transfer Application Form , and it is not an adequate response to the 9/4/2024 DEP Technical Deficiency Letter
- **10/28/2024:** DEP (Berger) reminder e-mail on overdue response to DEP Tech Def Letter.
- **11/4/2024:** Consultant (Tara Roche) E-mail asking for courtesy copy of previous permittee application.
- **11/5/2024:** DEP (Berger) E-mail providing courtesy copy of previous permittee application for renewal.
- **2/12/2025:** DEP (Berger) E-mail reminder to submit required revised applications
- **2/12/2025:** Consultant (Tara Roche) E-mail that she would be checking on what had been submitted.
- **2/27/2025:** DEP (Berger) E-mail reminder to submit required revised applications
- **2/28/2025:** Consultant (Tara Roche) E-mail indicating difficulty in obtaining previous permittee signature.
- **3/3/2025:** DEP (Berger) E-mail instructing them to submit the revised application.
- **3/12/2025:** Previous operator e-mailed copy of signed transfer signature page for informational purposes.
- **3/18/2025:** DEP (Berger) E-mail requiring submittal of revised application by 3/28/2025.
- **5/23/2025:** DEP (Berger) E-mail requiring submittal by 6/6/2025.
- **6/6/2025:** Public Upload # 322848 (uploaded 6/6/2025) (Partial) Revised Application and courtesy E-mail with public upload number. Did not include NPDES/WQM Permit Transfer Application.
- **6/12/2025:** DEP (Berger) E-mail asking for missing NPDES/WQM Permit Transfer Application & fee, plus clarification of relationship of applicant to other businesses named in the application.
- **6/12/2025:** Applicant (Tara Roche) E-mail asking about transfer application fees.
- **6/12/2025:** DEP (Berger) E-mail response noting: There is no fee for the NPDES Permit transfer (being handled in NPDES Permit renewal), but there are also WQM permits for the construction/operation of the Treatment Plant. See NPDES/WQM Permit Transfer form and instructions for WQM permit transfer fees.

- **7/2/2025**: Public Upload# 322848 including: Name change correction (incorrect name change of permittee), GIF correction, revised Application
- **7/25/2025**: DEP (Berger) E-mail reminder for submittal of missing NPDES/WQM permit transfer application
- **7/28/2025**: Applicant (Jim Lenz) E-mail clarification: Wyoming Health Care Center, Inc. is the current owner of the real estate and improvements located on Route 6 in Tunkhannock, Wyoming County, Pennsylvania. Wyoming County Community Healthcare, LLC was originally a operating entity for the building located at the Tyler Memorial Hospital. There is no relationship between the Scranton Hospital Co., Inc. and Wyoming County Community Healthcare, LLC.
- **7/30/2025**: DEP (Berger) E-mail noting application issues including missing NPDES/WQM permit transfer application
- **7/31/2025**: Public Upload# 335233 (NPDES/WQM permit transfer application form) and applicant (Tara Roche) E-mail with public unload reference#.



Pennsylvania
Department of
Environmental Protection