



YHPC,LLC

York Haven Power Company

Water Power for the Future

January 30, 2026

Via Electronic Filing

Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

RE: York Haven Hydroelectric Project (FERC No. 1888-036)
Article 401(b) – 2025 Fish Passage Operating Report

Dear Secretary Reese:

In accordance with Article 401(b) of the York Haven Hydroelectric Project (Project) Federal Energy Regulatory Commission (FERC) license, the Pennsylvania Department of Environmental Protection (PADEP) Water Quality Certification (WQC), and the U.S. Fish and Wildlife Service (USFWS) fishway prescription, York Haven Power Company, LLC (YHPC) has enclosed the 2025 Fish Passage Operating Report (Report) for Commission review. The Report must be filed with the Commission annually by March 1, or within 30 days of the annual meeting, whichever is sooner. The Report must document Agency consultation.

YHPC distributed the 2025 draft Report to PADEP, USFWS, and other agencies for review and comment on December 18, 2025, and hosted the annual meeting to review and discuss the Report on January 21, 2026. USFWS provided written comments on January 15, 2026. YHPC has incorporated their comments into this final Report and included a comment/response table in the Appendix A consultation record. No other comments were received. USFWS's January 15, 2026 e-mail noted that we might discuss revisiting the priority order of unit operation in the fall during the January 21, 2026 meeting. This was not discussed during the meeting, as USFWS was still in the process of internally evaluating whether there might be a new priority order that would be most protective of both downstream migrating juvenile shad and adult American eel. If USFWS identifies a new potential preference for order of unit operation a new meeting will be convened to discuss; in the meantime, the priority order of unit operations in the fall remains the same.

If you have any questions regarding this report, please contact me at (804) 624-0422 or angela.woolard@eaglecreekre.com.

Sincerely,

Angela Woolard

Angela Woolard
Manager, Licensing and Compliance
York Haven Power Company, LLC

cc: Sheila Eyler, USFWS
Jesus Morales, USFWS
Ron Eberts, PADEP
Jeremy Miller, PADEP
Scott Williamson, PADEP
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Emily Zollweg-Horan, NY DEC

Upstream and Downstream Fish Passage 2025 Summary at York Haven Hydroelectric Project

FERC Project 1888

Prepared For

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January 2026

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Acronyms and Abbreviations

Conowingo	Conowingo Hydroelectric Dam
cfs	Cubic Feet Per Second
ECF	East Channel Fishway
YHPC	York Haven Power Company, LLC
FOP	Fishway Operation Plan
FPTAC	Fish Passage Technical Advisory Committee
JASPP	Juvenile American Shad Passage Period
MDNR	Maryland Department of Natural Resources
PADEP	Pennsylvania Department of Environmental Resources
SRBC	Susquehanna River Basin Commission
The Project	York Haven Hydroelectric Project
USFWS	U.S. Fish and Wildlife Service
WQC	Water Quality Certificate

Executive Summary

The York Haven Power Company, LLC (“YHPC”), in agreement with the Fish Passage Technical Advisory Committee (“FPTAC”), provides this 2025 upstream and downstream fish passage report. During the 2025 upstream passage period, the Conowingo Dam Fish Lift Project successfully trapped, transported, and stocked American Shad (n = 1,670). American Shad were transported to both Columbia Riverfront Park, downstream of the York Haven Hydroelectric Project (n = 353), and Canal Lock boat ramp, upstream of the York Haven Hydroelectric Project (n = 1,317).

The fishway was inspected and serviced in early March to ensure volitional passage for the East Channel Fishway could begin operation by April 1. On March 31, 2025, the entrance and exit gates were opened, and the North Fixed Wheel Gate was positioned to achieve a minimum flow of 400 cfs through the East Channel. The criteria for staffed operation, 500 adult American Shad stocked at Columbia Riverfront Park below the fishway, was not met during the 2025 passage season and therefore the fishway remained in its volitional resident fish passage settings until December 4, 2025, when it was closed because the average daily river temperature dropped below 40 degrees Fahrenheit for three consecutive days.

The adult American Shad passage period is recognized to occur May 1 through June 30. The minimum requirement for Forebay Sluice Gate operation during adult American Shad downstream passage is 2 hours daily, Monday through Friday, dependent on station maintenance and available personnel. York Haven Power Company met these requirements during the downstream adult American Shad passage period apart from June 24, 2025, due to required station maintenance. During the downstream passage period there were no sightings of post-spawned adult American Shad. River flows during this passage period ranged from 30,600 to 163,000 cfs.

The juvenile American Shad downstream passage period is recognized to occur October 1 through November 30. During this passage period York Haven Power Company is required to follow a unit prioritization program and operate the Forebay Sluice Gate between the hours of 17:00 to 23:00 to facilitate safe passage. The prescribed unit prioritization for the 2025 juvenile American Shad passage period was observed, and the Forebay Sluice Gate was operated as required. River flows during this passage period ranged from 4,570 to 22,600 cfs.

1 Introduction

Operational requirements for the upstream and downstream fish passage at the York Haven Hydroelectric Project (“the Project”) are outlined in the Project’s FERC License (FERC No. P-1888), issued December 22, 2015, as well as the Pennsylvania Department of Environmental Protection Water Quality Certification, issued August 19, 2014. During the upstream passage season for American Shad, The Project was required to route a minimum of 2,000 cfs to the East Channel Fishway (“ECF”) in addition to 4,000 cfs over the Main Dam. The minimum of 2,000 cfs required to be routed through the ECF will change in 2026 due to the newly opened nature-like fishway (“NLF”) but was valid for the 2025 operating season in accordance with the Fishway Operating Plan (“FOP”). Additionally, the Project is required to maintain and operate the ECF for passage of resident fishes each year from April 1 to December 15 or until the average daily temperature is 40°F for three consecutive days. The Project was required to pass a minimum of 400 cfs within the ECF during resident fish passage season in addition to providing spill water via a Forebay Sluice Gate at the plant for adult American Shad downstream passage from May 1 to June 30 and juvenile American Shad October 1 to November 30.

The Fish Passage Technical Advisory Committee (“FPTAC”) oversees the fish passage operation at the Project and includes representatives of the U.S. Department of the Interior including the U.S. Fish and Wildlife Service (“USFWS”), the Susquehanna River Basic Commission (“SRBC”), the involved agencies of Pennsylvania and Maryland – Maryland Department of Natural Resources (“MDNR”), Pennsylvania Fish and Boat Commission (“PFBC”) and the Pennsylvania Department of Environmental Resources (“PADEP”). The FPTAC is responsible for reviewing and monitoring the operation and maintenance of the Project’s fish passage facilities, reviews and provides comments on the annual report, and recommends studies and modifications to improve upstream and downstream fish passage.

During the 2025 adult American Shad Passage Period the Conowingo Hydroelectric Dam (“Conowingo”) conducted their annual trap and transport program operating their East Fish Lift for adult American Shad and river herring. In agreement with their trap and transport program, approximately 80% of collected adult American Shad and river herring were stocked upstream of the Project at Canal Lock Boat Access and 20% were stocked downstream of the Project at Columbia Riverfront Park. Additionally, Conowingo agreed to remove invasive species identified by MDNR including Northern Snakehead, Blue Catfish, Flathead Catfish, and Freshwater Drum.

2 York Haven East Channel Fishway Operation

In coordination with private, state, and federal efforts to restore American Shad and other migratory fish species to the Susquehanna River, York Haven Power Company, LLC (YHPC) installed and operates the ECF. The ECF is located within Dauphin County, Pennsylvania on Three Mile Island at the end of the Project’s East Channel Dam.

For the 2025 season, operation of the ECF ran as prescribed in the 2015 FERC License and 2014 Water Quality Certification (“WQC”). YHPC sustained a flow of 4,000 cfs over the Main Dam and minimum flow of 2,000 cfs within the East Channel during spring ECF operation conditions. Any excess flow above fishway spring flow operating conditions and stations operating capacity was spilled over the East Channel and Main Dams, respectively. With the completion of construction of the new NLF, these parameters will change for the 2026 season and FOP updates are currently underway.

2.1 Project Operation

York Haven Hydroelectric Station was built in 1904 and is located at River mile 55 in York Haven, Pennsylvania (Figure 2-1). The Project is in both Dauphin and York County. Situated on the Susquehanna River it is the fourth upstream hydroelectric dam. The York Haven Hydroelectric Facility is operated as a run-of-the-river facility with 20 generating units capable of producing up approximately 19 MW and has an estimated hydraulic capacity of 17,000 cfs. The Main Dam has a maximum height of 17 feet and is approximately 5,000 feet long. The East Channel Dam has a maximum height of 9 feet and approximate length of 925 feet. Together they create an impoundment of approximately five miles of river, creating Lake Frederic. When river flow exceeds the hydraulic capacity of the station, the excess flow is spilled over the Main and East Channel Dams.

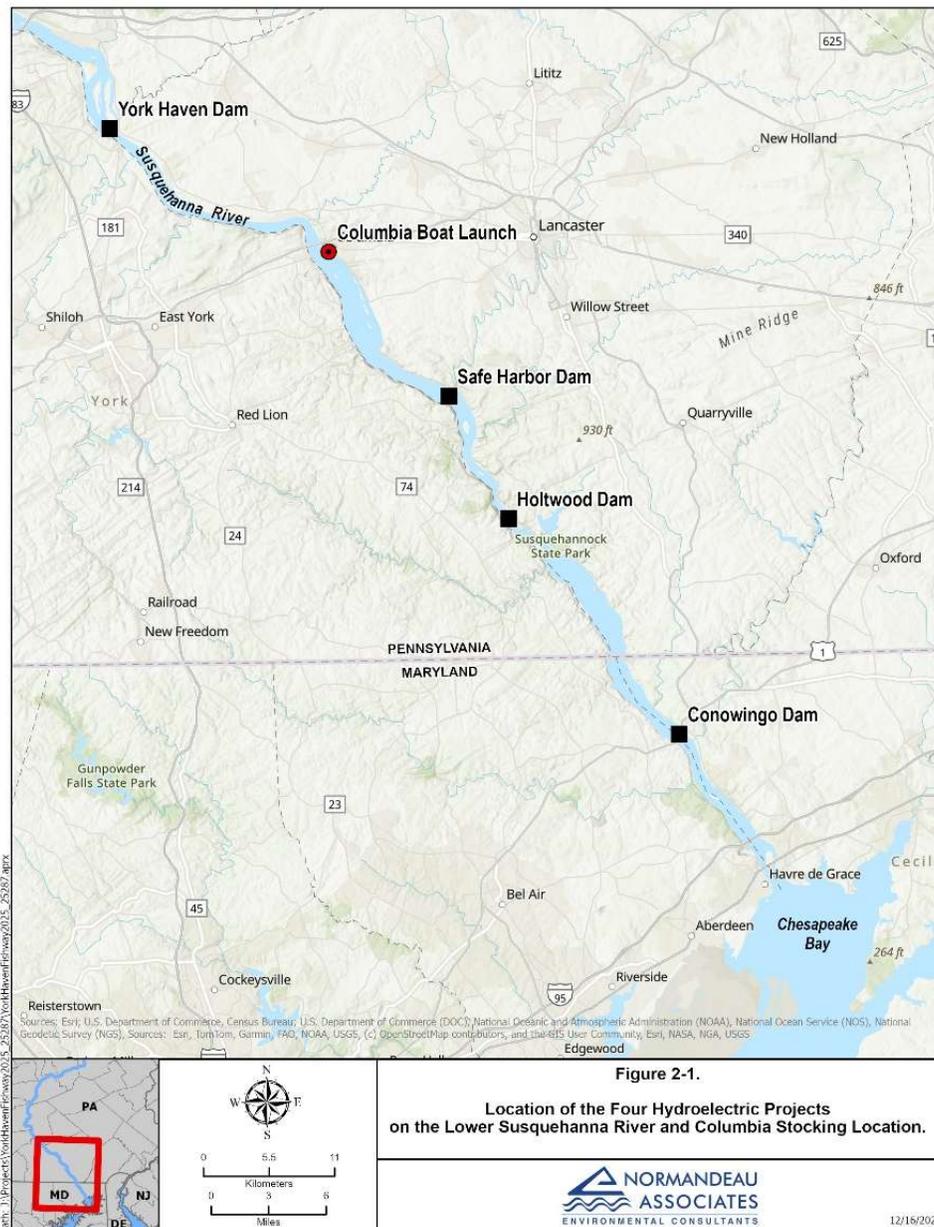


Figure 2-1 York Haven Hydroelectric Station in relation to other hydroelectric projects and Adult American Shad stocking location on the Susquehanna River.

2.2 East Channel Fishway Design, Maintenance, and Operation

2.2.1 Fishway Design

The ECF is located on the southeastern portion of Three Mile Island following the bifurcation of the Susquehanna River (Figure 2-2). In the planning and construction of the East Channel Fishway, certain specifications established by the USFWS and other resource agencies were incorporated into the design. The Fishway has two defined structures: (1) a weir cut fishway with counting window and an adjustable entrance flow gate for different operational settings, and (2) two wheel-gates set into the East Channel Dam providing additional attraction flow which are also adjustable for operational needs. Volitional operational settings are initiated by April 1, river conditions, and flow permitting (Figure 2-3)

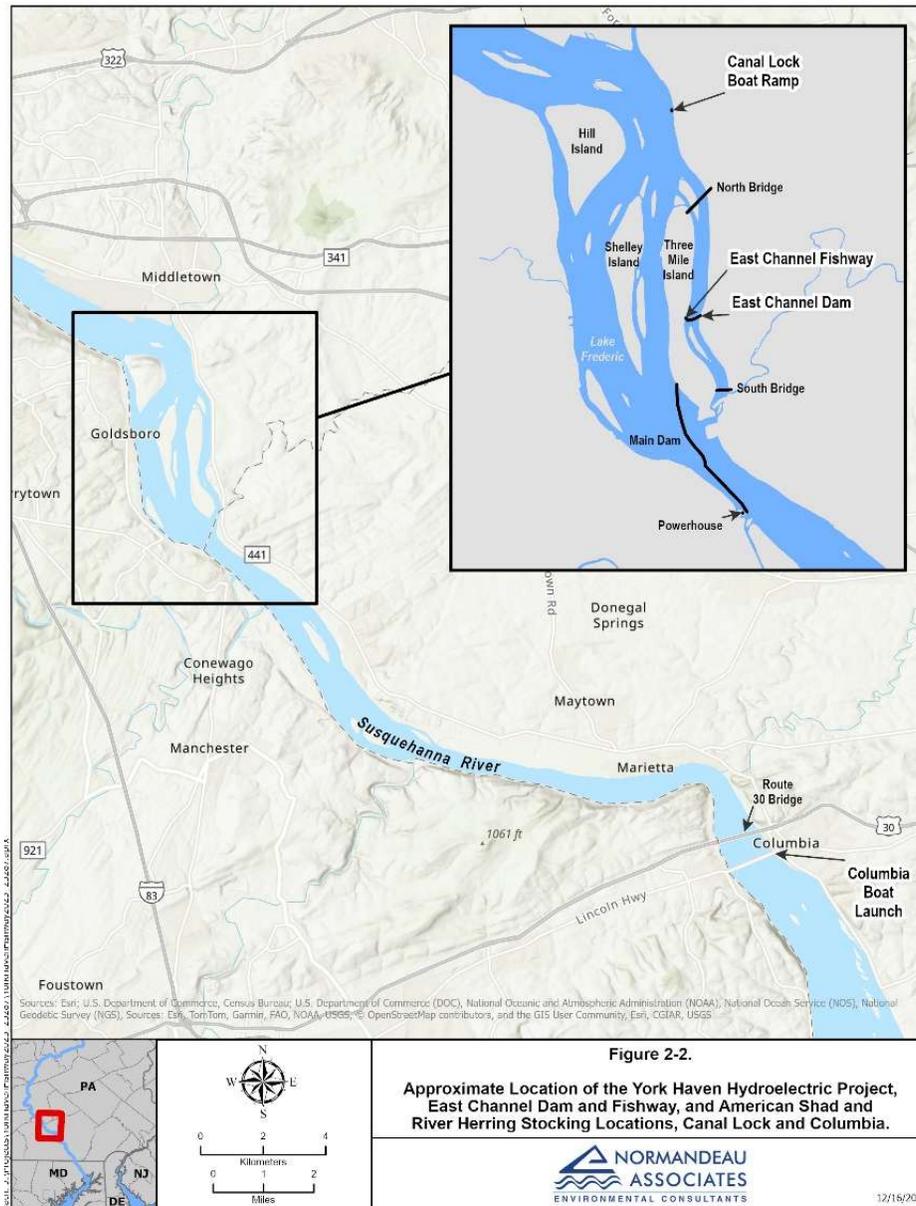


Figure 2-2 East Channel Fishway location in relation to the York Haven Powerhouse, Main Dam, and Columbia stocking location.

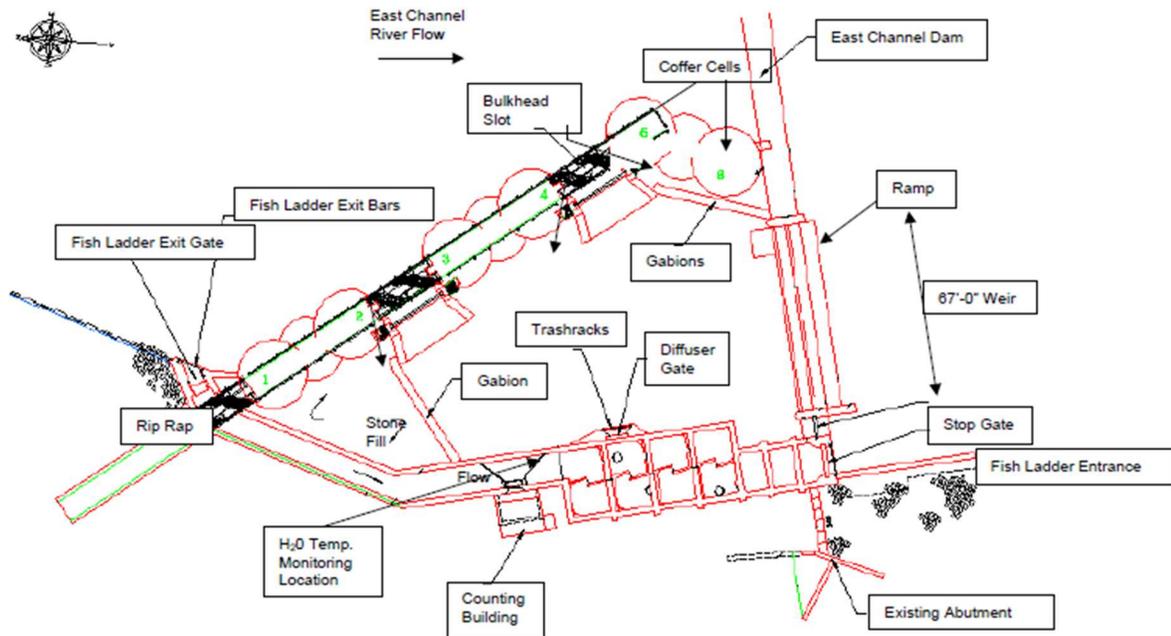


Figure 2-3 East Channel Fishway

2.2.2 Fishway Maintenance

In accordance with the FOP a fishway inspection was conducted at the end of March 2025 to identify any maintenance or preparation needed for seasonal operation. Resident fish passage has a scheduled stop date of December 15 or when the water temperature is less than 40°F for three consecutive days. The Fishway was closed on December 4, 2025. During the ECF closure, an end of season inspection was completed and any necessary minor repairs and maintenance were addressed.

2.2.3 Fishway Operation

Following March inspections and maintenance, resident fish passage operation of the ECF (not staffed) began March 31. The entrance and exit gates were opened and the adjustable crowder gate was set to full open (24 inches). The North fixed wheel gate was opened to deliver a minimum of 400 cfs to the East Channel (Figure 2-3). Based on a 2023 request made by USFWS and PADEP to improve internal fish passage efficiencies of fish that find and enter the serpentine vertical notch ladder, the Project no longer opens the diffuser gate that feeds the floor diffuser inside the entrance gate, and this change was memorialized in the December 2023 FOP update.

2.2.4 Fish Counts

In accordance with the FOP, staffed operation of the ECF is to begin four days after 500 American Shad have been stocked downstream of the Project. American Shad were collected during their spring spawning migration at the Conowingo East Fish Lift, transported and stocked between Canal Lock boat ramp (upstream of the Project) and Columbia Riverfront Park (downstream of the Project). The 500 American Shad stocking threshold downstream of the Project was not met, as only 353 American Shad

were stocked below the Project for the 2025 spawning migration period. As a result, staffed fishway operation protocols were not initiated.

3 Results

Beginning March 31, 2025, the ECF began operation in its volitional resident fish passage condition. Continuous temperature monitoring was conducted with monthly downloads and fishway inspections for damage or debris build up. Migratory American Shad fish passage season begins when a threshold of 500 American Shad stocked downstream of the Project at Columbia Riverfront Park is met, however in 2025 this threshold was not met and the ECF was not staffed. The ECF closed December 4, 2025, in accordance with the FOP, because the average daily river temperature was less than 40 degrees Fahrenheit for three consecutive days. Water temperatures throughout the overall operating season ranged from 36.6°F to 90.1°F and river flows ranged from 4,570 cfs to 162,000 cfs (Figure 3-1).

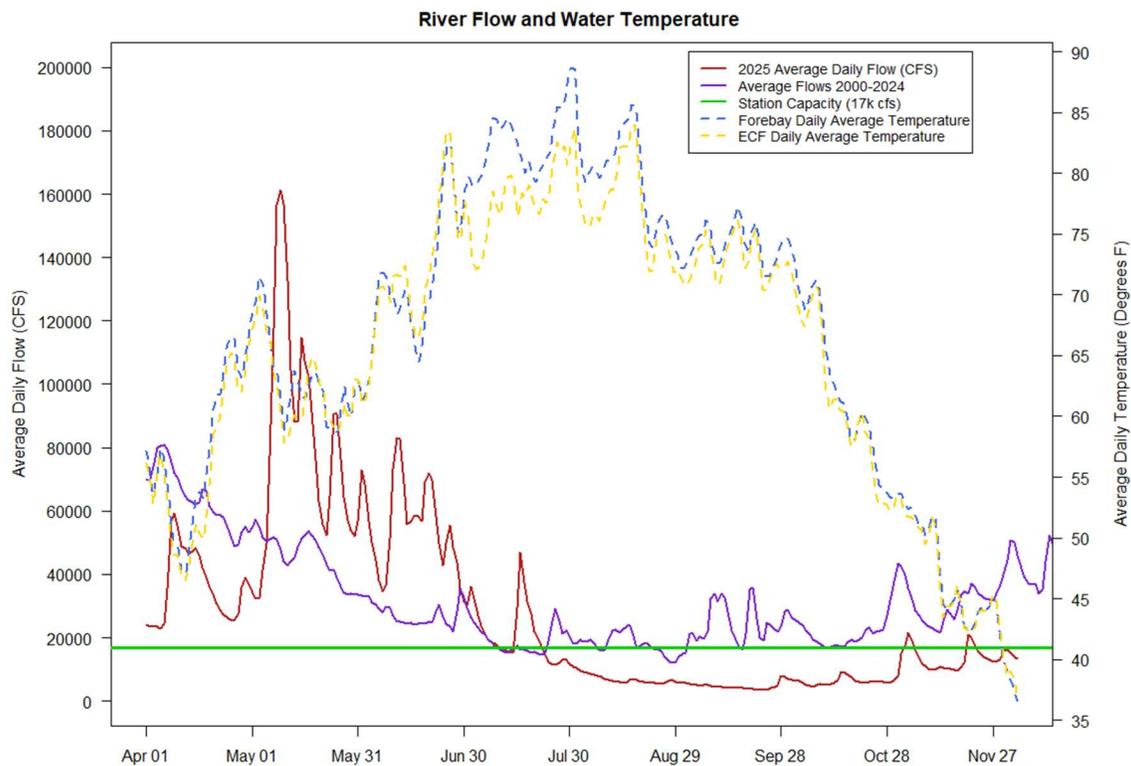


Figure 3-1 Average Daily River Flow at the USGS Harrisburg, PA Gage #01570500 for 2025 compared with daily average values for 2000 through 2024 and water temperature from the Forebay and East Channel Fishway.

4 Downstream Fish Passage

Article 401 of the Project’s FERC License, Conditions III.B.2.b and 3.a.i and ii of the PADEP Water Quality Certification, and Section 9.9.6 of the United States Fish and Wildlife Service (“USFWS”) fishway prescription require downstream passage of adult and juvenile American Shad. Downstream outmigration of adult American Shad is expected May 1 to June 30 and juvenile American Shad

outmigration is expected October 1 through November 30. Four water temperature loggers (Onset Hobo Water Temperature Pro v2 Data Loggers) were installed with an hourly reading rate. Two loggers were installed along the south wall of the Project Forebay (suspended from the internal catwalk), and two loggers were installed within the ECF crowder. Data loggers were downloaded every month along with regular fishway inspections.

4.1 Adult American Shad Passage

In accordance with the Project’s FERC License and 401 Water Quality Certification, the Project is required to spill through the Forebay Sluice Gate for 1 to 2 hours on Monday through Fridays from May 1 through June 30, when personnel and maintenance operations allow. When river flows are in excess of the station’s hydraulic capacity (17,000 cfs) and required flow for passage, approximately 370 cfs downstream via the Forebay Sluice Gate, 4,000 cfs flows over the Main Dam, and 2,000 cfs flows through the ECF. During the 2025 Adult American Shad downstream passage period, river flow ranged from 30,600 to 163,000 cfs and temperature ranged from 56.5 to 84.4°F.

The Forebay Sluice Gate was opened as required during the adult American Shad outmigration period every workday, Monday Through Friday, except on Tuesday, June 24, 2025, for required station maintenance (Figure 4-1). No physical observations of post-spawned adult American Shad were noted by station personnel.

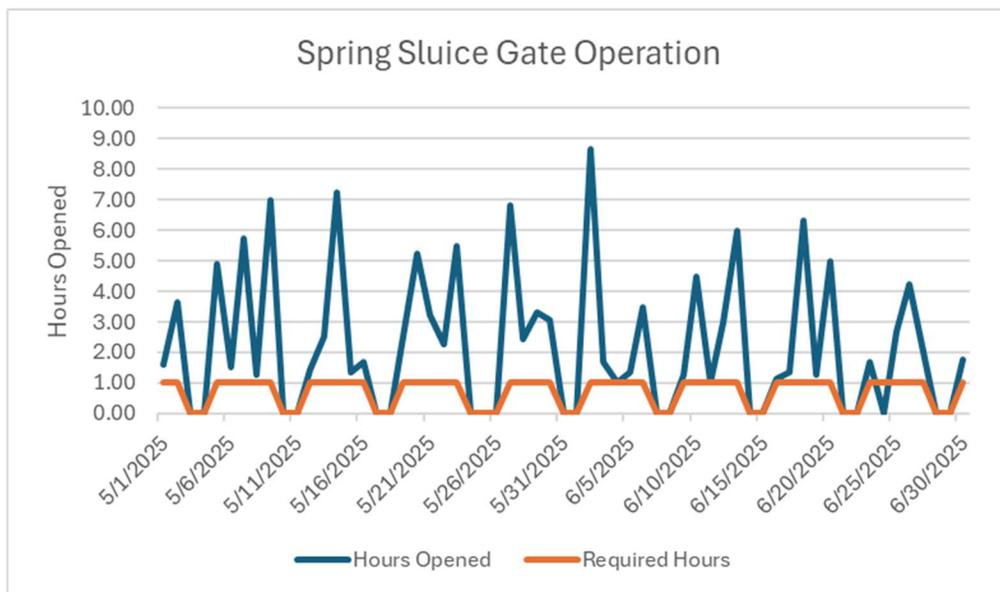


Figure 4-1 York Haven Forebay Sluice Gate Operations, May 1 to June 30, 2025

4.2 Juvenile American Shad Passage

The YHPC follows generating unit prioritization during the recognized Juvenile American Shad Passage Period (“JASPP”) from October 1 to November 30. Propeller/Kaplan Units 1-6 are prioritized first, dependent on river flow values. Once Units 1-6 reaches capacity and additional units are warranted, YHPC may operate Unit 14, a large single Francis unit, followed by Units 7-13 and 15-20, which are double Francis units. Additionally, during the JASPP YHPC is required to operate the Forebay Sluice Gate from 17:00 to 23:00, with a spill of approximately 370 cfs. If, during the JASPP, River flow exceeds the

sum of Project hydraulic capacity, required flows through the East Channel, and required flows over the Main Dam, the Project is also to open and spill water via the Forebay Sluice Gate to the extent practicable for one to two hours during the morning, subject to Project access requirements for operations and maintenance purposes. During the 2025 JASPP, YHPC met requirements for unit prioritization and Forebay Sluice Gate operations (Figure 4-2). Unit 14 was out of service due to repairs and was temporarily removed from the prioritization schedule.

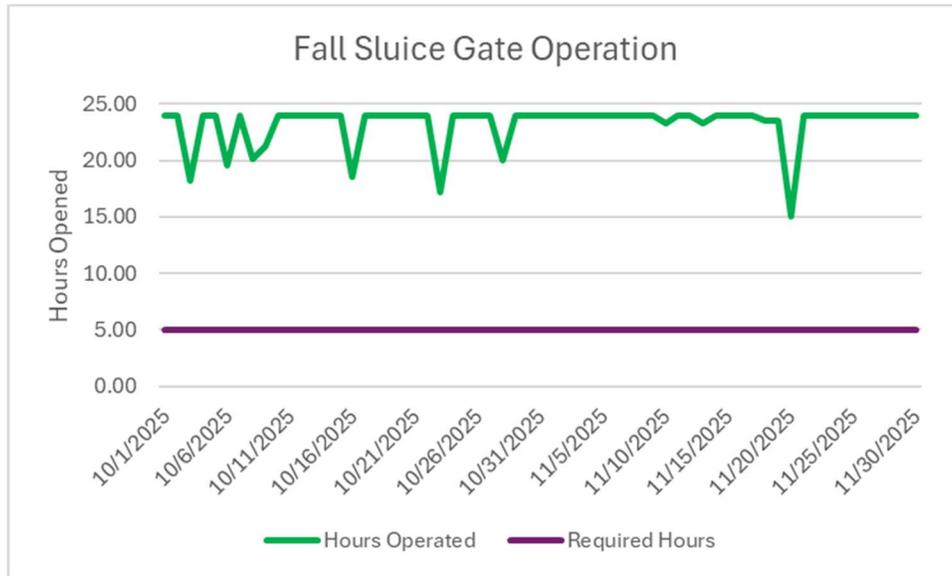


Figure 4-2 York haven Forebay Sluice Gate Operations, October 1 to November 30, 2025

4 Literature Cited

- Commonwealth of Pennsylvania Department of Environmental Protection. (2014). *Water Quality Certification for the York Haven Hydroelectric Project and Related Mitigation* (DEP File No. EA67-023). York Haven Power Company, LLC.
- Federal Energy Regulatory Commission. (2015). *Order Issuing New License for York Haven Power Company, LLC*.
- Kleinschmidt & York Haven Power Company, LLC. (2023). *Fishway Operation Plan* (FERC Accession No. 20231220-5267.).

Appendix A: Agency Comments

Comment No.	Agency Comment	YHPC Comment Response
USFWS No. 1	<p>1. Figure 3-1 (and last sentence of first paragraph of Results) - The temperature data are not shown past late October/early November. Data past early November were collected and reported in the spreadsheet and appendix, but not displayed in the report, so the figure should be updated to reflect all available data. Also the temperature range in the text of the Results section doesn't encompass the lowest temperature that was recorded in 2025 (i.e. the days in December just preceding closing of the fishway).</p>	<p>The corresponding figure has been updated to reflect the missing data through the closing day of monitoring, December 3, 2025. Additionally, these temperatures are now reflected in the operation season's range discussed in the Results section.</p>
USFWS No. 2	<p>2. Figure 4-2 - The figure suggests that the sluice wasn't operational on the first day it was required to operate. However, in looking at the data in the spreadsheet, the sluice was operated on October 1. The format of the graph should be updated to reflect operational data (it appears that the column heading data were included, leading to incorrectly displaying that the sluice wasn't operated on day 1).</p>	<p>The corresponding figure has been updated to reflect sluice gate operation beginning on October 1, 2025.</p>

From: Eyler, Sheila <sheila_eyler@fws.gov>

Sent: Thursday, January 15, 2026 2:23 PM

To: Angela Woolard <angela.woolard@eaglecreekre.com>; Morales, Jesus J <jesus_morales@fws.gov>; Ron Eberts <reberts@pa.gov>; Miller, Jeremy <jeremmille@pa.gov>; Aaron Henning <ahenning@srbc.net>; Shawn Seaman -DNR- <shawn.seaman@maryland.gov>; Coja Yamashita <cyamashita@pa.gov>; Williamson, Scott <scwilliams@pa.gov>; Emily Zollweg-Horan <emily.zollweg-horan@dec.ny.gov>

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Subject: Re: [EXTERNAL] York Haven Hydroelectric Project (FERC No. 1888) - Draft 2025 Fishway Operation Annual Report for Agency Review

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Good afternoon Angela,

Thank you for the opportunity to review the Draft 2025 Fishway Operation Annual Report for the York Haven Project.

Specific to the plan we only had two minor comments/edits to suggest:

1. Figure 3-1 (and last sentence of first paragraph of Results) - The temperature data are not shown past late October/early November. Data past early November were collected and reported in the spreadsheet and appendix, but not displayed in the report, so the figure should be updated to reflect all available data. Also the temperature range in the text of the Results section doesn't encompass the lowest temperature that was recorded in 2025 (i.e. the days in December just preceding closing of the fishway).
2. Figure 4-2 - The figure suggests that the sluice wasn't operational on the first day it was required to operate. However, in looking at the data in the spreadsheet, the sluice was operated on October 1. The format of the graph should be updated to reflect operational data (it appears that the column heading data were included, leading to incorrectly displaying that the sluice wasn't operated on day 1).

As discussed in our December meeting, the agencies would like to revisit the priority order of unit operation in the fall to ensure the order of operation is most protective of both downstream migrating juvenile shad and adult American eel. We look forward to continued discussions on this topic. To that end, it will be beneficial if the annual report included unit operational data for the eel migration season (which would include more dates than the juvenile shad migration period) starting in 2026. We can discuss this in more detail at our upcoming meeting on January 21.

Please let me know if you have any questions.

Sheila Eyler
U.S. Fish and Wildlife Service
Mid-Atlantic Fish & Wildlife Conservation Office
717-387-2117 - cell
304-876-7453 - office

From: Angela Woolard <angela.woolard@eaglecreekre.com>
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Subject: [EXTERNAL] York Haven Hydroelectric Project (FERC No. 1888) - Draft 2025 Fishway Operation Annual Report for Agency Review

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Good afternoon, agencies:

Attached please find a draft of the 2025 York Haven fishway operation annual report for your review and comment.

Please submit written comments (or a written response indicating no comment if that is the case) by **January 19, 2026**.

Below are some proposed times for our annual meeting to discuss this report. **Please let me know by Tuesday, December 30th which of these dates/times work for your agency so that I can get the meeting scheduled on everyone's calendars.**

- Tuesday, January 20 from 3 – 4 pm
- Wednesday, January 21 from 10 – 11 am
- Thursday, January 22 from 11 am – noon

Similar to previous years, we have also provided the data from the tables and figures in Excel, also attached.

Thank you,
Angela

Angela M. Woolard | Licensing and Compliance Manager
Affiliates of Eagle Creek Renewable Energy
Mobile: 804-624-0422
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Appendix B: Daily Average Water Temperature (°F)

Station	Date	Average Temp, °F
YHFB	1-Apr-2025	57.11
YHFB	2-Apr-2025	55.45
YHFB	3-Apr-2025	53.50
YHFB	4-Apr-2025	55.25
YHFB	5-Apr-2025	57.42
YHFB	6-Apr-2025	56.56
YHFB	7-Apr-2025	54.40
YHFB	8-Apr-2025	51.39
YHFB	9-Apr-2025	49.47
YHFB	10-Apr-2025	49.12
YHFB	11-Apr-2025	47.32
YHFB	12-Apr-2025	46.97
YHFB	13-Apr-2025	48.29
YHFB	14-Apr-2025	51.16
YHFB	15-Apr-2025	53.53
YHFB	16-Apr-2025	53.73
YHFB	17-Apr-2025	53.30
YHFB	18-Apr-2025	55.07
YHFB	19-Apr-2025	57.54
YHFB	20-Apr-2025	60.59
YHFB	21-Apr-2025	61.75
YHFB	22-Apr-2025	61.88
YHFB	23-Apr-2025	64.12
YHFB	24-Apr-2025	65.87
YHFB	25-Apr-2025	66.62
YHFB	26-Apr-2025	66.47
YHFB	27-Apr-2025	63.74
YHFB	28-Apr-2025	63.13
YHFB	29-Apr-2025	64.88
YHFB	30-Apr-2025	67.34
YHFB	1-May-2025	68.62
YHFB	2-May-2025	69.63
YHFB	3-May-2025	71.50
YHFB	4-May-2025	70.67
YHFB	5-May-2025	68.43
YHFB	6-May-2025	66.07
YHFB	7-May-2025	63.81
YHFB	8-May-2025	63.41
YHFB	9-May-2025	61.39
YHFB	10-May-2025	58.85
YHFB	11-May-2025	60.09

Upstream and Downstream Fish Passage 2025 Summary Upstream and Downstream Fish Passage 2025 Summary at York Haven Hydroelectric Project

Station	Date	Average Temp, °F
YHFB	12-May-2025	62.17
YHFB	13-May-2025	63.72
YHFB	14-May-2025	62.70
YHFB	15-May-2025	61.52
YHFB	16-May-2025	61.54
YHFB	17-May-2025	62.74
YHFB	18-May-2025	63.64
YHFB	19-May-2025	63.40
YHFB	20-May-2025	62.45
YHFB	21-May-2025	62.06
YHFB	22-May-2025	59.15
YHFB	23-May-2025	58.94
YHFB	24-May-2025	58.70
YHFB	25-May-2025	58.72
YHFB	26-May-2025	60.66
YHFB	27-May-2025	62.45
YHFB	28-May-2025	61.15
YHFB	29-May-2025	60.03
YHFB	30-May-2025	62.18
YHFB	31-May-2025	62.73
YHFB	1-Jun-2025	61.37
YHFB	2-Jun-2025	61.91
YHFB	3-Jun-2025	63.27
YHFB	4-Jun-2025	65.69
YHFB	5-Jun-2025	69.43
YHFB	6-Jun-2025	71.79
YHFB	7-Jun-2025	71.78
YHFB	8-Jun-2025	71.42
YHFB	9-Jun-2025	69.69
YHFB	10-Jun-2025	69.71
YHFB	11-Jun-2025	68.46
YHFB	12-Jun-2025	69.18
YHFB	13-Jun-2025	70.36
YHFB	14-Jun-2025	69.84
YHFB	15-Jun-2025	67.47
YHFB	16-Jun-2025	65.31
YHFB	17-Jun-2025	64.48
YHFB	18-Jun-2025	66.06
YHFB	19-Jun-2025	69.06
YHFB	20-Jun-2025	69.70
YHFB	21-Jun-2025	71.06
YHFB	22-Jun-2025	73.35
YHFB	23-Jun-2025	76.84
YHFB	24-Jun-2025	80.16
YHFB	25-Jun-2025	82.22

Upstream and Downstream Fish Passage 2025 Summary
 Upstream and Downstream Fish Passage 2025 Summary at
 York Haven Hydroelectric Project

Station	Date	Average Temp, °F
YHFB	26-Jun-2025	82.40
YHFB	27-Jun-2025	79.31
YHFB	28-Jun-2025	75.04
YHFB	29-Jun-2025	75.78
YHFB	30-Jun-2025	78.67
YHFB	1-Jul-2025	79.65
YHFB	2-Jul-2025	79.04
YHFB	3-Jul-2025	78.95
YHFB	4-Jul-2025	79.51
YHFB	5-Jul-2025	79.91
YHFB	6-Jul-2025	81.17
YHFB	7-Jul-2025	83.18
YHFB	8-Jul-2025	84.57
YHFB	9-Jul-2025	84.40
YHFB	10-Jul-2025	83.67
YHFB	11-Jul-2025	84.00
YHFB	12-Jul-2025	84.56
YHFB	13-Jul-2025	84.01
YHFB	14-Jul-2025	83.33
YHFB	15-Jul-2025	82.22
YHFB	16-Jul-2025	81.00
YHFB	17-Jul-2025	80.03
YHFB	18-Jul-2025	80.94
YHFB	19-Jul-2025	79.79
YHFB	20-Jul-2025	79.29
YHFB	21-Jul-2025	80.18
YHFB	22-Jul-2025	80.67
YHFB	23-Jul-2025	81.24
YHFB	24-Jul-2025	81.72
YHFB	25-Jul-2025	83.54
YHFB	26-Jul-2025	85.49
YHFB	27-Jul-2025	85.37
YHFB	28-Jul-2025	85.63
YHFB	29-Jul-2025	87.39
YHFB	30-Jul-2025	88.71
YHFB	31-Jul-2025	88.51
YHFB	1-Aug-2025	83.49
YHFB	2-Aug-2025	80.34
YHFB	3-Aug-2025	79.30
YHFB	4-Aug-2025	80.08
YHFB	5-Aug-2025	80.53
YHFB	6-Aug-2025	80.36
YHFB	7-Aug-2025	79.60
YHFB	8-Aug-2025	80.16
YHFB	9-Aug-2025	81.00

Upstream and Downstream Fish Passage 2025 Summary Upstream and Downstream Fish Passage 2025 Summary at
 York Haven Hydroelectric Project

Station	Date	Average Temp, °F
YHFB	10-Aug-2025	81.14
YHFB	11-Aug-2025	81.30
YHFB	12-Aug-2025	82.50
YHFB	13-Aug-2025	83.89
YHFB	14-Aug-2025	84.14
YHFB	15-Aug-2025	84.46
YHFB	16-Aug-2025	85.65
YHFB	17-Aug-2025	85.44
YHFB	18-Aug-2025	83.34
YHFB	19-Aug-2025	79.44
YHFB	20-Aug-2025	76.95
YHFB	21-Aug-2025	74.27
YHFB	22-Aug-2025	73.91
YHFB	23-Aug-2025	75.45
YHFB	24-Aug-2025	76.20
YHFB	25-Aug-2025	76.67
YHFB	26-Aug-2025	76.30
YHFB	27-Aug-2025	74.69
YHFB	28-Aug-2025	73.78
YHFB	29-Aug-2025	73.30
YHFB	30-Aug-2025	72.20
YHFB	31-Aug-2025	72.22
YHFB	1-Sep-2025	72.88
YHFB	2-Sep-2025	73.51
YHFB	3-Sep-2025	74.38
YHFB	4-Sep-2025	74.83
YHFB	5-Sep-2025	75.08
YHFB	6-Sep-2025	76.13
YHFB	7-Sep-2025	75.69
YHFB	8-Sep-2025	73.95
YHFB	9-Sep-2025	72.70
YHFB	10-Sep-2025	72.58
YHFB	11-Sep-2025	73.48
YHFB	12-Sep-2025	74.48
YHFB	13-Sep-2025	75.23
YHFB	14-Sep-2025	76.29
YHFB	15-Sep-2025	77.31
YHFB	16-Sep-2025	76.20
YHFB	17-Sep-2025	74.21
YHFB	18-Sep-2025	73.44
YHFB	19-Sep-2025	75.19
YHFB	20-Sep-2025	75.97
YHFB	21-Sep-2025	74.67
YHFB	22-Sep-2025	72.26
YHFB	23-Sep-2025	71.50

Upstream and Downstream Fish Passage 2025 Summary Upstream and Downstream Fish Passage 2025 Summary at York Haven Hydroelectric Project

Station	Date	Average Temp, °F
YHFB	24-Sep-2025	71.48
YHFB	25-Sep-2025	72.21
YHFB	26-Sep-2025	73.01
YHFB	27-Sep-2025	73.93
YHFB	28-Sep-2025	74.60
YHFB	29-Sep-2025	74.64
YHFB	30-Sep-2025	73.89
YHFB	1-Oct-2025	72.78
YHFB	2-Oct-2025	70.91
YHFB	3-Oct-2025	69.61
YHFB	4-Oct-2025	68.72
YHFB	5-Oct-2025	69.65
YHFB	6-Oct-2025	70.69
YHFB	7-Oct-2025	71.16
YHFB	8-Oct-2025	70.92
YHFB	9-Oct-2025	68.16
YHFB	10-Oct-2025	65.47
YHFB	11-Oct-2025	63.38
YHFB	12-Oct-2025	62.92
YHFB	13-Oct-2025	62.01
YHFB	14-Oct-2025	61.24
YHFB	15-Oct-2025	60.99
YHFB	16-Oct-2025	59.51
YHFB	17-Oct-2025	58.15
YHFB	18-Oct-2025	58.17
YHFB	19-Oct-2025	59.41
YHFB	20-Oct-2025	60.36
YHFB	21-Oct-2025	59.96
YHFB	22-Oct-2025	59.24
YHFB	23-Oct-2025	57.78
YHFB	24-Oct-2025	55.78
YHFB	25-Oct-2025	54.37
YHFB	26-Oct-2025	54.00
YHFB	27-Oct-2025	53.73
YHFB	28-Oct-2025	53.37
YHFB	29-Oct-2025	53.25
YHFB	30-Oct-2025	53.64
YHFB	31-Oct-2025	53.72
YHFB	1-Nov-2025	52.91
YHFB	2-Nov-2025	52.37
YHFB	3-Nov-2025	52.50
YHFB	4-Nov-2025	51.88
YHFB	5-Nov-2025	51.24
YHFB	6-Nov-2025	51.21
YHFB	7-Nov-2025	50.19

Upstream and Downstream Fish Passage 2025 Summary Upstream and Downstream Fish Passage 2025 Summary at York Haven Hydroelectric Project

Station	Date	Average Temp, °F
YHFB	8-Nov-2025	50.90
YHFB	9-Nov-2025	51.88
YHFB	10-Nov-2025	51.43
YHFB	11-Nov-2025	47.76
YHFB	12-Nov-2025	44.63
YHFB	13-Nov-2025	44.15
YHFB	14-Nov-2025	44.48
YHFB	15-Nov-2025	44.89
YHFB	16-Nov-2025	45.74
YHFB	17-Nov-2025	44.56
YHFB	18-Nov-2025	42.72
YHFB	19-Nov-2025	42.25
YHFB	20-Nov-2025	42.40
YHFB	21-Nov-2025	43.04
YHFB	22-Nov-2025	43.93
YHFB	23-Nov-2025	44.32
YHFB	24-Nov-2025	44.04
YHFB	25-Nov-2025	44.36
YHFB	26-Nov-2025	45.12
YHFB	27-Nov-2025	44.80
YHFB	28-Nov-2025	42.56
YHFB	29-Nov-2025	40.04
YHFB	30-Nov-2025	38.98
YHFB	1-Dec-2025	38.35
YHFB	2-Dec-2025	37.61
YHFB	3-Dec-2025	36.57
ECF	1-Apr-2025	56.06
ECF	2-Apr-2025	54.59
ECF	3-Apr-2025	52.77
ECF	4-Apr-2025	55.44
ECF	5-Apr-2025	56.93
ECF	6-Apr-2025	55.37
ECF	7-Apr-2025	53.13
ECF	8-Apr-2025	50.00
ECF	9-Apr-2025	48.55
ECF	10-Apr-2025	48.61
ECF	11-Apr-2025	46.85
ECF	12-Apr-2025	46.46
ECF	13-Apr-2025	47.45
ECF	14-Apr-2025	49.57
ECF	15-Apr-2025	51.22
ECF	16-Apr-2025	50.35
ECF	17-Apr-2025	49.85
ECF	18-Apr-2025	51.88
ECF	19-Apr-2025	54.90

Upstream and Downstream Fish Passage 2025 Summary
 Upstream and Downstream Fish Passage 2025 Summary at
 York Haven Hydroelectric Project

Station	Date	Average Temp, °F
ECF	20-Apr-2025	58.57
ECF	21-Apr-2025	59.31
ECF	22-Apr-2025	59.95
ECF	23-Apr-2025	62.54
ECF	24-Apr-2025	64.59
ECF	25-Apr-2025	65.26
ECF	26-Apr-2025	64.94
ECF	27-Apr-2025	62.05
ECF	28-Apr-2025	62.05
ECF	29-Apr-2025	63.86
ECF	30-Apr-2025	66.12
ECF	1-May-2025	67.21
ECF	2-May-2025	68.36
ECF	3-May-2025	69.97
ECF	4-May-2025	68.72
ECF	5-May-2025	67.08
ECF	6-May-2025	66.19
ECF	7-May-2025	63.67
ECF	8-May-2025	62.17
ECF	9-May-2025	60.29
ECF	10-May-2025	57.85
ECF	11-May-2025	58.25
ECF	12-May-2025	59.27
ECF	13-May-2025	60.12
ECF	14-May-2025	59.79
ECF	15-May-2025	60.05
ECF	16-May-2025	62.34
ECF	17-May-2025	64.13
ECF	18-May-2025	64.87
ECF	19-May-2025	64.04
ECF	20-May-2025	62.68
ECF	21-May-2025	62.05
ECF	22-May-2025	59.53
ECF	23-May-2025	59.63
ECF	24-May-2025	59.13
ECF	25-May-2025	58.70
ECF	26-May-2025	59.41
ECF	27-May-2025	61.03
ECF	28-May-2025	60.02
ECF	29-May-2025	59.94
ECF	30-May-2025	63.10
ECF	31-May-2025	62.95
ECF	1-Jun-2025	60.91
ECF	2-Jun-2025	61.45
ECF	3-Jun-2025	63.00

Upstream and Downstream Fish Passage 2025 Summary
 Upstream and Downstream Fish Passage 2025 Summary at
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Station	Date	Average Temp, °F
ECF	4-Jun-2025	65.12
ECF	5-Jun-2025	68.55
ECF	6-Jun-2025	70.63
ECF	7-Jun-2025	70.60
ECF	8-Jun-2025	70.30
ECF	9-Jun-2025	69.41
ECF	10-Jun-2025	71.60
ECF	11-Jun-2025	71.62
ECF	12-Jun-2025	71.55
ECF	13-Jun-2025	72.39
ECF	14-Jun-2025	70.32
ECF	15-Jun-2025	68.02
ECF	16-Jun-2025	66.44
ECF	17-Jun-2025	66.49
ECF	18-Jun-2025	68.10
ECF	19-Jun-2025	70.70
ECF	20-Jun-2025	71.78
ECF	21-Jun-2025	73.47
ECF	22-Jun-2025	75.62
ECF	23-Jun-2025	78.69
ECF	24-Jun-2025	81.54
ECF	25-Jun-2025	83.55
ECF	26-Jun-2025	83.06
ECF	27-Jun-2025	79.27
ECF	28-Jun-2025	74.66
ECF	29-Jun-2025	74.52
ECF	30-Jun-2025	77.63
ECF	1-Jul-2025	76.06
ECF	2-Jul-2025	73.02
ECF	3-Jul-2025	72.09
ECF	4-Jul-2025	72.26
ECF	5-Jul-2025	73.12
ECF	6-Jul-2025	74.49
ECF	7-Jul-2025	76.68
ECF	8-Jul-2025	78.54
ECF	9-Jul-2025	77.21
ECF	10-Jul-2025	76.52
ECF	11-Jul-2025	78.37
ECF	12-Jul-2025	79.62
ECF	13-Jul-2025	79.82
ECF	14-Jul-2025	79.07
ECF	15-Jul-2025	76.46
ECF	16-Jul-2025	78.33
ECF	17-Jul-2025	78.01
ECF	18-Jul-2025	79.06

Upstream and Downstream Fish Passage 2025 Summary Upstream and Downstream Fish Passage 2025 Summary at York Haven Hydroelectric Project

Station	Date	Average Temp, °F
ECF	19-Jul-2025	77.95
ECF	20-Jul-2025	77.11
ECF	21-Jul-2025	76.64
ECF	22-Jul-2025	77.83
ECF	23-Jul-2025	77.54
ECF	24-Jul-2025	78.77
ECF	25-Jul-2025	80.92
ECF	26-Jul-2025	82.58
ECF	27-Jul-2025	81.88
ECF	28-Jul-2025	82.28
ECF	29-Jul-2025	80.65
ECF	30-Jul-2025	82.58
ECF	31-Jul-2025	83.67
ECF	1-Aug-2025	78.06
ECF	2-Aug-2025	76.81
ECF	3-Aug-2025	75.73
ECF	4-Aug-2025	75.53
ECF	5-Aug-2025	76.39
ECF	6-Aug-2025	76.60
ECF	7-Aug-2025	76.07
ECF	8-Aug-2025	77.05
ECF	9-Aug-2025	78.11
ECF	10-Aug-2025	78.59
ECF	11-Aug-2025	78.72
ECF	12-Aug-2025	80.07
ECF	13-Aug-2025	82.17
ECF	14-Aug-2025	82.15
ECF	15-Aug-2025	82.13
ECF	16-Aug-2025	83.87
ECF	17-Aug-2025	84.00
ECF	18-Aug-2025	80.87
ECF	19-Aug-2025	76.87
ECF	20-Aug-2025	74.57
ECF	21-Aug-2025	71.94
ECF	22-Aug-2025	71.99
ECF	23-Aug-2025	74.59
ECF	24-Aug-2025	74.70
ECF	25-Aug-2025	75.08
ECF	26-Aug-2025	74.77
ECF	27-Aug-2025	72.94
ECF	28-Aug-2025	71.83
ECF	29-Aug-2025	72.09
ECF	30-Aug-2025	71.34
ECF	31-Aug-2025	70.76
ECF	1-Sep-2025	71.06

Upstream and Downstream Fish Passage 2025 Summary
 Upstream and Downstream Fish Passage 2025 Summary at
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Station	Date	Average Temp, °F
ECF	2-Sep-2025	71.70
ECF	3-Sep-2025	72.69
ECF	4-Sep-2025	73.79
ECF	5-Sep-2025	74.19
ECF	6-Sep-2025	75.32
ECF	7-Sep-2025	74.72
ECF	8-Sep-2025	72.92
ECF	9-Sep-2025	70.95
ECF	10-Sep-2025	70.93
ECF	11-Sep-2025	72.64
ECF	12-Sep-2025	73.73
ECF	13-Sep-2025	74.55
ECF	14-Sep-2025	75.68
ECF	15-Sep-2025	76.12
ECF	16-Sep-2025	74.50
ECF	17-Sep-2025	72.21
ECF	18-Sep-2025	72.75
ECF	19-Sep-2025	74.60
ECF	20-Sep-2025	75.41
ECF	21-Sep-2025	73.66
ECF	22-Sep-2025	70.48
ECF	23-Sep-2025	70.36
ECF	24-Sep-2025	71.28
ECF	25-Sep-2025	71.90
ECF	26-Sep-2025	72.58
ECF	27-Sep-2025	72.21
ECF	28-Sep-2025	72.17
ECF	29-Sep-2025	72.74
ECF	30-Sep-2025	72.09
ECF	1-Oct-2025	70.65
ECF	2-Oct-2025	69.01
ECF	3-Oct-2025	67.84
ECF	4-Oct-2025	67.36
ECF	5-Oct-2025	68.96
ECF	6-Oct-2025	69.80
ECF	7-Oct-2025	70.66
ECF	8-Oct-2025	70.24
ECF	9-Oct-2025	65.94
ECF	10-Oct-2025	62.19
ECF	11-Oct-2025	60.58
ECF	12-Oct-2025	61.34
ECF	13-Oct-2025	61.36
ECF	14-Oct-2025	60.54
ECF	15-Oct-2025	60.34
ECF	16-Oct-2025	59.11

Upstream and Downstream Fish Passage 2025 SummaryUpstream and Downstream Fish Passage 2025 Summary at
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Station	Date	Average Temp, °F
ECF	17-Oct-2025	57.44
ECF	18-Oct-2025	58.07
ECF	19-Oct-2025	59.38
ECF	20-Oct-2025	60.38
ECF	21-Oct-2025	58.68
ECF	22-Oct-2025	58.24
ECF	23-Oct-2025	56.10
ECF	24-Oct-2025	53.79
ECF	25-Oct-2025	52.70
ECF	26-Oct-2025	52.86
ECF	27-Oct-2025	52.77
ECF	28-Oct-2025	52.17
ECF	29-Oct-2025	52.42
ECF	30-Oct-2025	53.49
ECF	31-Oct-2025	53.23
ECF	1-Nov-2025	52.02
ECF	2-Nov-2025	51.66
ECF	3-Nov-2025	51.74
ECF	4-Nov-2025	51.29
ECF	5-Nov-2025	50.84
ECF	6-Nov-2025	50.65
ECF	7-Nov-2025	49.48
ECF	8-Nov-2025	50.32
ECF	9-Nov-2025	51.71
ECF	10-Nov-2025	50.90
ECF	11-Nov-2025	46.53
ECF	12-Nov-2025	43.41
ECF	13-Nov-2025	44.41
ECF	14-Nov-2025	44.38
ECF	15-Nov-2025	44.84
ECF	16-Nov-2025	46.06
ECF	17-Nov-2025	44.49
ECF	18-Nov-2025	42.64
ECF	19-Nov-2025	42.38
ECF	20-Nov-2025	42.19
ECF	21-Nov-2025	42.71
ECF	22-Nov-2025	43.82
ECF	23-Nov-2025	44.14
ECF	24-Nov-2025	43.97
ECF	25-Nov-2025	44.37
ECF	26-Nov-2025	45.16
ECF	27-Nov-2025	45.17
ECF	28-Nov-2025	42.84
ECF	29-Nov-2025	40.35
ECF	30-Nov-2025	38.53

Station	Date	Average Temp, °F
ECF	1-Dec-2025	39.09
ECF	2-Dec-2025	38.32
ECF	3-Dec-2025	36.77