

# HRBRD

## 2021 Annual Report



NEW YORK  
STATE OF  
OPPORTUNITY

Hudson River -  
Black River  
Regulating District

## MESSAGE FROM THE BOARD

I am pleased to present this Annual Report of the Hudson River – Black River Regulating District covering 2021 on behalf of the Board and Regulating District staff.

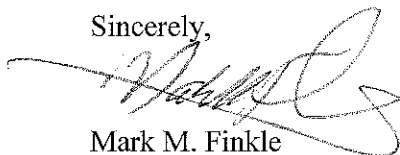
The Black River Regulating District and Hudson River Regulating District were formed by New York State in 1919 and 1922, respectively, and combined by the New York State Legislature in 1959 to form the single entity with which we are entrusted today.

Today, the Regulating District's skilled and dedicated team members work diligently and tirelessly to regulate the flows of the Hudson River and Black River for the purposes of flood protection and flow augmentation. Vigilant management and operation of the Regulating District's 5 reservoirs and 6 dams and associated facilities and infrastructure is critical to this end, and without question, our people are our greatest strength. While the success of these efforts is directly attributable to the exceptional work of our team, we also value and rely on our close working relationships with Federal, State and local legislators, agencies, organizations and leaders.

The Board considers transparency, accountability, and service to be the hallmarks of its stewardship of this public benefit corporation – and is ever mindful of the important “public benefit” it provides. With more than a century of service behind us, we look forward to another 100 years of helping protect downstream residents from flooding impacts, providing consistent flows of water for important ecological and renewable energy benefits, and helping to enhance recreation on and around the bodies of water within our jurisdiction.

Thank you for taking the time to review our report on 2021 operations and expenditures. Please visit our website at [www.hrbrd.ny.gov](http://www.hrbrd.ny.gov) or connect with us on Facebook or Instagram to learn more.

Sincerely,



Mark M. Finkle

Chairman

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# EXECUTIVE SUMMARY

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## OUR MISSION



The mission of the Hudson River-Black River Regulating District is to construct, maintain, and operate reservoirs in the upper Hudson River and Black River watershed, including the Sacandaga, Indian, Black, Moose, and Beaver Rivers for the purpose of regulating the flow of streams or rivers, when required by public welfare, including public health and safety.

Regulating reservoirs operated by the Regulating District provide important ecological, economic, and recreational benefits, and important health and safety benefits such as flood protection, and low flow augmentation, to reliably provide sufficient water flows, especially during drier summer months when natural flows are reduced. These operations also provide for the generation of renewable hydroelectric power at downstream plants.

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*I am pleased to provide this report on 2021 operations and finances at the Hudson River – Black River Regulating District and along with the HRBRRD Board and staff, am immensely proud of and dedicated to our continued commitment to deliver real value to the populations we serve in accordance with our statutory mission, while implementing new efficiencies, revenue opportunities and cost reductions to ensure long term financial stability and sustainability of our storied organization.*

**– John C. Callaghan, Executive Director**



# EXECUTIVE SUMMARY

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## Fiscal Responsibility



In 2021, the Regulating District adopted a balanced, 3-year budget that controls growth in operating expenses, keeps permit fees for Great Sacandaga Lake at current levels, freezes staffing levels and, importantly, makes \$9 million in critical infrastructure investments to protect the health and safety of residents in the Hudson River and Black River watersheds.

In order for the Regulating District to make these long-overdue investments in critical infrastructure, while maintaining current levels of service and protection for downstream residents, the 3-year budget included modest increases in the assessments to downstream beneficiaries, but kept assessments below historic levels in the Black River Area, and below the 2% cap agreed to with the downstream counties in the Hudson River Area.



We were pleased to secure an initial \$20 million in the 2021-22 State Budget for much-needed repairs and improvements at the 91-year-old Conklingville Dam. We are working closely with our partners in State government to execute this important capital project, which will begin in 2023 at the earliest, to ensure the Conklingville Dam can continue to safely provide its important ecological, economic, recreational, health, and flood protection benefits for decades to come.



# EXECUTIVE SUMMARY

## A Standard of Safety and Service



As we entered our second year of a global pandemic, we also entered a second century of service to the people in the Black River Area and completed a century of service in the Hudson River Area. We are proud of the many accomplishments, milestones and challenges we have been able to mark together as a team, working day in and day out, overcoming new workplace health and safety restrictions while also providing the highest level of dedication and service. From water regulation, to dam safety compliance, to shoreline erosion protection, to managing State lands and administering the GSL access permit system, to assisting with navigation hazards and other safety efforts ... we are incredibly proud to meet the highest standard of service and safety thanks to our capable and dedicated HRBRRD staff. Board Chair Mark Finkle and Executive Director John Callaghan were pleased to sign a new four-year agreement with the Regulating District's CSEA-represented colleagues recognizing the outstanding service these public servants provide to Regulating District communities throughout the year.

# EXECUTIVE SUMMARY

## Improvements & Efficiencies



*"Nice work"*

*"did mine today! Easy  
peezy!"*

*"Saaaaweeetttt!  
Thank you"*

*"Wow...so easy and  
\$10 less to pay  
online! This is great!"*

*"....super easy"*



In 2021, we welcomed two new Board members, expanding further the depth and breadth of the Board's knowledge and expertise. Under the Board's leadership, the HRBRRD team worked together to enhance the way we serve our customers, including the introduction of a new online permit payment system. In its first year of implementation, the new online permit renewal system was popularly received with much positive customer feedback, and resulted in the timely and efficient processing of more than 52 percent of total renewals.

We also worked to improve outreach and communications with our valued customers and stakeholders by enhancing our website and social media presence to provide a more helpful and direct dialogue with partner organizations, neighboring communities and others who benefit from the vital economic and recreational benefits that our water regulation activities provide.

In 2021, we also consolidated our Hudson River Area Office space in an area of downtown Albany that experienced historic and deadly flooding in 1913, ultimately leading to the construction of Conklingville Dam and the creation of Great Sacandaga Lake. This serves as a daily reminder of our vitally important mission of providing flood protection to Hudson River communities like Albany.



# EXECUTIVE SUMMARY

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## Commitment to Community



In 2021, the HRBRRD team continued to work collaboratively as part of the *Safe Lake Initiative* with elected leaders in county & local governments, law enforcement and local emergency personnel, individual residents and business owners to strengthen community partnerships and promote programs like the *Wear It* life jacket campaign, and the *Send It* App for reporting lake hazards and obstructions. We hosted the Air National Guard's 109<sup>th</sup> Airlift Wing for training at our Sacandaga Field Office, and made our facilities available to State & local law enforcement in the interest of public safety. We were proud to join the Great Sacandaga Lake Advisory Council and Saratoga County Historian at our Sacandaga office to unveil 15 historic markers recognizing the rich history of the of the Sacandaga Reservoir and surrounding community, including one the Regulating District displays and maintains near the Gatehouse at Conklingville Dam.

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*"The HRBRRD has been an excellent partner, not only with our office, but with all of us in law enforcement who are responsible for covering the Great Sacandaga Lake. They are on our Safe Lake Initiative Task Force, and we often use their facility--whether training or real life issues in the winter or summer months...."*

**-- Fulton County Sheriff  
Richard C. Giardino**



## **Hudson River - Black River Regulating District**

### **GENERAL REPORT OF THE BOARD OF THE HUDSON RIVER-BLACK RIVER REGULATING DISTRICT PERIOD OF JANUARY 1, 2021 TO DECEMBER 31, 2021**

#### **TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

In compliance with provisions of Section 15-2131 of the Environmental Conservation Law this report is submitted to cover functions of the Board of Hudson River-Black River Regulating District for the period January 1, 2021 to December 31, 2021.

#### **PURSUANT TO SECTION 15-2131 ENVIRONMENTAL CONSERVATION LAW**

##### **15-2131—Reports.**

1. The board of any river regulating district created hereunder shall annually, as of such date as the department may provide, submit to it a written report, which shall contain:

- a. An exhibit of the personnel of the board, and all of the employees and persons connected with the board;
- b. A financial statement, showing fully and clearly the finances of the district, the amounts and dates of maturity of all bonds, notes and certificates of indebtedness, the amounts of money received, and from what sources, and amounts of money paid and purposes for which same were paid;
- c. A statement of any petitions received by the board and the action taken thereon;
- d. A descriptive statement of the work done during the previous year; and
- e. A statement of the condition of reservoirs and the results secured by the operation thereof in each case.

2. In addition to the matters outlined above the board shall report to the department such other matters as it shall deem proper or the department shall require.



**CONCLUSION**

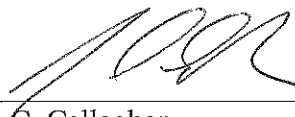
A detailed report of each area as required by Section 15-2131 is included in this report.

The Board desires to express its appreciation for the cooperation of your Department in respect to the function of the Regulating District.

DATED: May 16, 2022

**BY ORDER OF THE  
BOARD OF THE HUDSON RIVER-BLACK RIVER  
REGULATING DISTRICT**

By:

  
\_\_\_\_\_  
John C. Callaghan  
Executive Director

## **BOARD MEMBERS:**

### **ALBERT J. HAYES, JOHNSTOWN, NY**

Appointed by Governor Paterson on September 13, 2010 to September 1, 2015.  
Reappointed by Governor Cuomo on November 21, 2019 to September 1, 2020.  
Audit Committee Chair, Governance Committee and Finance Committee Member

### **MARK M. FINKLE, GLOVERSVILLE, NY**

Appointed by Governor Paterson on November 24, 2010 to September 1, 2012.  
Reappointed by Governor Cuomo on July 21, 2014 to September 1, 2017.  
Board Chair

### **JEFFREY ROSENTHAL, AMSTERDAM, NY**

Appointed by Governor Cuomo on June 11, 2014 to December 7, 2018.  
Governance Committee Chair, Finance Committee and Audit Committee Member

### **KENNETH F. DE WITT, EDINBURG, NY**

Appointed by Governor Cuomo on October 6, 2017 to September 1, 2021  
Finance Committee Chair, Governance Committee and Audit Committee Member

### **RICHARD BIRD, OLD FORGE, NY**

Appointed by Governor Cuomo on November 21, 2019 to September 1, 2023  
Audit Committee Member

### **ALFRED J. CANDIDO, JR., FORESTPORT, NY**

Appointed by Governor Cuomo on March 8, 2021 to September 1, 2024  
Governance Committee Member

### **TIMOTHY J. REAGAN, GLENFIELD, NY**

Appointed by Governor Cuomo on March 8, 2021 to December 7, 2023  
Finance Committee Member

**Board Meetings and Attendance see link:**

**<https://hrbrrd.ny.gov/board-meetings-and-minutes/board-meeting-minutes-archive/>**

<u>NAME</u>	<u>TITLE</u>	<u>OFFICE</u>
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### **EXECUTIVE AND ADMINISTRATIVE PERSONNEL**

John C. Callaghan	Executive Director	Albany
Robert P. Leslie	General Counsel	Albany
Timothy Maniccia	Chief Fiscal Officer	Albany
Stephanie V. Ruzicky	Compliance Officer	Mayfield
John M. Hodgson, Sr.	Hudson River Area Administrator	Mayfield
(retired 6/24/21)	Black River Area Administrator	Watertown
Kimberly D. Scott	Sr. Administrative Assistant	Watertown
Megan Cole	Administrative Assistant	Watertown
Stephanie Porter	Administrative Assistant	Mayfield
Anna Tracy	Sr. Administrative Assistant	Albany
Regina Bulman	Administrative Assistant	Albany

### **ENGINEERING DEPARTMENT**

Robert S. Foltan, P.E.	Chief Engineer	Albany
Michael A. Mosher, P.E.	Operations Engineer	Albany

### **FIELD PERSONNEL**

Daniel J. Kiskis	Sr. Field Assistant	Mayfield
Danielle Thorne	Field Assistant	Mayfield
David J. Ioele	Assistant Foreman	Mayfield
Michael Chase	Maintenance Assistant	Mayfield
Thomas Baker	Engineering Assistant	Mayfield
Matthew Ginter	Plant Operator	Mayfield
Eric S. Johnson	Principal Plant Operator	Conklingville Dam
Michael A. Dicob	Black River Area Superintendent	Stillwater Reservoir
Timothy R. Harwood	Principal Plant Operator	Stillwater Reservoir

### **PERMANENT PART-TIME**

Darrin W. Harr	Resident Gate Keeper	Indian Lake
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## **CONTRACTUAL SERVICES**

<b><u>NAME</u></b>	<b><u>SERVICE</u></b>	<b><u>LOCATION</u></b>
<u>Black River Field Staff</u>	<u>Weather Observer</u>	<u>Big Moose</u>
<u>Beth LaManna</u>	<u>Weather Observer</u>	<u>Highmarket</u>
<u>William Hanchek</u>	<u>Weather Observer</u>	<u>Hooker</u>
<u>David Sundquist</u>	<u>Weather Observer</u>	<u>Lowville</u>
<u>Peter Ostrum</u>	<u>Weather Observer</u>	<u>Chases Lake</u>
<u>Interface Solutions</u>	<u>Weather Observer</u>	<u>Beaver Falls*</u>
<u>Brookfield Power</u>	<u>Weather Observer</u>	<u>Black River*</u>
		<u>Taylorville*</u>

\*Volunteer cooperators

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT  
OF THE STATE OF NEW YORK)**

Consolidated Financial Statements  
With Independent Auditor's Report

June 30, 2021 and 2020

**GALLEROS ROBINSON  
CERTIFIED PUBLIC ACCOUNTANTS LLP**

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

JUNE 30, 2021 AND 2020

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## INDEPENDENT AUDITOR'S REPORT

To the Board of Directors  
Hudson River-Black River Regulating District  
Albany, New York

We have audited the accompanying consolidated financial statements of the business-type activities of the Hudson River-Black River Regulating District (the "Regulating District"), a New York Public Benefit Corporation, which is a discretely presented component unit of the State of New York, which comprise the consolidated statements of net position as of June 30, 2021 and 2020 and the related consolidated statements of activities and changes in net position and consolidated statements of cash flows for the years then ended, and the related notes to the financial statements as listed in the table of contents.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### ***Opinion***

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position, the business-type activities, of the Hudson River-Black River Regulating District as of June 30, 2021 and 2020, and the respective changes in financial position and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Other Matters***

#### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3-9 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### ***Other Required Supplemental Information***

The supplemental schedules required in accordance with the implementation of GASB 75 "Accounting and Financial Reporting for Pensions" on pages 43 and 44 are the responsibility of management. The schedules were derived from underlying accounting information from the New York State Employee Retirement System, along with information maintained by the Regulating District. These schedules have not been subjected to the auditing procedures applied in the audit of the basic consolidated financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

### ***Other Reporting Required by Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated September 28, 2021 on our consideration of the Hudson River-Black River Regulating District's, internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Hudson River-Black River Regulating District's internal control over financial reporting and compliance.

**Galleras Robinson CPAs, LLP**

New York, New York  
September 28, 2021

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**MANAGEMENT DISCUSSION AND ANALYSIS  
(UNAUDITED)**



# **HUDSON RIVER-BLACK RIVER REGULATING DISTRICT (A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

## **1. Introduction**

This Management's Discussion and Analysis (MD&A) of Hudson River-Black River Regulating District (the Regulating District) provides an introduction to the major activities and operations of the Regulating District and an introduction and overview to the Regulating District's financial performance and statements for the years ended June 30, 2021 and 2020. Following this MD&A are the basic financial statements of the Regulating District together with the notes thereto, which are essential to a full understanding of the data contained in the financial statements. The Statements of Net Position and the Statements of Activities and Changes in Net Position (on pages 10 and 11, respectively) provide both long-term and short-term information about the Regulating District's overall financial status. The Statements of Cash Flows (on page 12) provides information on the sources and uses of the Regulating District's cash through operating, capital and related financing and investing activities. The information contained in the MD&A should be considered in conjunction with the information contained in the Consolidated Financial Statements and the Notes to the Consolidated Financial Statements.

## **2. Regulating District Activities**

The Regulating District was created in 1959 when the New York State Legislature passed legislation (Article 15 Title 21 of the Environmental Conservation Law) combining the Hudson River Regulating District, founded in 1922, and the Black River Regulating District, founded in 1919. Both were created to regulate the flow of the waters of New York State's two great neighboring watersheds.

The legislation charged the Regulating District with regulating the flow of the two rivers, including health and safety, as required by the public welfare. Specifically, the Regulating District's responsibilities include reducing floods caused by excess run-off, and augmenting river flow at times of drought or other periods when normal river flows are low. Organized as a public benefit corporation, the Regulating District was given a broad spectrum of legal powers to accomplish this mission, including the authority to build and operate reservoirs, issue bonds, and apportion costs on its beneficiaries to finance construction, maintenance, and operation of its reservoirs.

The Regulating District's operations are conducted under two regional operating units - one for the Black River area and another for the Hudson River area - each with segregated budgets. The management of both regions is vested in a seven-member Board appointed by the Governor of New York State. The mission of the Regulating District is to regulate the flows of the Hudson River and Black River for the purposes of flood protection and flow augmentation. The Regulating District Board formulates policies to accomplish its mission at Great Sacandaga Lake, providing flood protection and low flow augmentation through reservoir releases in accordance with the Upper Hudson/Sacandaga Offer of Settlement; at Indian Lake, Stillwater Reservoir, Old Forge and Sixth Lake, providing storage during periods of high flow and augmenting flows during periods of low flow; operating a data-gathering system for precipitation, stream flow, snow depth and flood conditions; providing

## **HUDSON RIVER-BLACK RIVER REGULATING DISTRICT (A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

### **2. Regulating District Activities - Continued**

the public with information pertinent to its mission; operating and maintaining facilities; maintaining a sound financial status for the Regulating District operations; managing the lands of the State of New York under the Regulating District's jurisdiction; and promulgating rules and regulations necessary to fulfilling its mission.

The Regulating District currently receives its primary funding from statutorily defined beneficiaries. In the Hudson River Area, that beneficiary group is comprised of Albany, Rensselaer, Saratoga, Warren, and Washington, (the "five (5) counties") and the State of New York, that directly benefit from flood protection. In the Black River Area, statutory beneficiaries comprise the counties of Jefferson, Lewis, Herkimer, Oneida, and Hamilton that directly benefit from flood protection and flow augmentation, hydroelectric power generators and the State of New York that benefit from augmented river flow. These beneficiaries are annually assessing their proportional share of Regulating District operating expenses. A secondary revenue source comes from hydropower agreements that provide annual revenue in exchange for the ability to utilize headwater on Regulating District-administered state land for hydroelectric generating purposes. A third source of revenue, in the Hudson River area only, is the Sacandaga Lake Access Permit System, which generates revenue from the issuance of annual revocable permits for the purpose of providing public access to the Great Sacandaga Lake across state land. A fourth source of revenue, also in the Hudson River area only, is the Federal Headwater Benefit fees levied on certain hydroelectric firms pursuant to Section 10f of the Federal Power Act.

The financing of the two areas is accomplished independently because operating costs of each are recovered from two different sets of statutory beneficiaries. Statutory beneficiaries in both watersheds are assessed proportional shares of all other budgeted operating and overhead costs, after deducting the estimated revenue from the hydropower agreements, permit system, Federal Headwater Benefit fees, NYS Share and estimated interest income. Revenue from statutory beneficiaries, hydropower agreements, Federal Headwater Benefit fees, NYS Share and permit holders, if collected, is sufficient to balance the Regulating District's annual budget, not including non-operating expenses and/or annual adjustments included in the Regulating District's Consolidated Statements of Activities and Changes in Net Position.

### **3. Facilities**

Hudson River Area Facilities: The Regulating District administers the lands of the State of New York that constitute the Great Sacandaga Lake (Sacandaga Reservoir) as well as its shoreline, and issues annual revocable permits to eligible property owners for access to the lake across State land. The lake, impounded behind the Conklingville Dam, is the heart of Regulating District operations in the 8,300 square mile Hudson-Sacandaga area. The Regulating District also owns and operates Indian Lake Reservoir and Dam.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

**3. Facilities - Continued**

**Black River Area Facilities:** In the Black River drainage area of 1,916 square miles, the Regulating District operates reservoirs and dams at Stillwater, Old Forge, and Sixth Lake.

**Administrative Offices:** The Regulating District's General and Administrative Office occupy leased space in Albany. A Regulating District-owned building in Mayfield houses the Hudson River Area's Sacandaga Field Office. The Regulating District's Black River Area Office occupies rented space in Watertown. A Regulating District-owned building at the Stillwater Reservoir houses the Black River Field Office.

**4. Operations Summary**

The Regulating District's scope of operations (in 000s) is as follows:

	Hudson River Area	
	2021	2020
Operating revenues	\$ 6,696	\$ 6,043
Operating expenses	(5,717)	(6,616)
Operating revenue (loss)	978	(573)
Net nonoperating revenue (expense)	(40)	2,798
Changes in net position	\$ 938	\$ 2,225

	Black River Area	
	2021	2020
Operating revenues	\$ 1,238	\$ 1,255
Operating expenses	(2,989)	(1,641)
Operating revenue (loss)	(1,751)	(386)
Net nonoperating revenue (expense)	37	1,182
Changes in net position	\$ (1,714)	\$ 796

From fiscal year June 30, 2020 to June 30, 2021, recurring operating revenues remained stable. Federal Headwater Benefit fees, pursuant to Section 10f of the Federal Power Act, are forecast at \$477,571 per annum pending the satisfaction of prior year refunds due certain hydroelectric firms.

For fiscal year 2021, consolidated Regulating District expenses were relatively higher compared to fiscal year 2020, largely due to Other Postemployment Benefits.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

**4. Operations Summary - Continued**

Operating expenses remained relatively consistent for the fiscal year ended June 30, 2021. Historically, the Regulating District's Board restricted reserve funds have served to minimize the effect that budget fluctuations would have on the statutory beneficiaries that provide its primary funding. When available, these reserve funds retain operating surpluses in lower expense years and provide a means of funding operating deficits in high expense years – an effective means of assessment stabilization. At the end of fiscal year ended 2012, all reserves of the Regulating District were liquidated. Currently these funds have yet to be replenished. There were no restrictions on the Regulating District's net position fund balances as of June 30, 2021 and 2020, respectively.

The Regulating District is required by its enabling statute to adopt budgets encompassing three fiscal years. Fiscal Year 2020-21 is the third year of the current three-year budgeting cycle. The Board of the Regulating District adopted a new budget for the upcoming triennium at its June 8, 2021 Board meeting.

In its Fiscal Year 2021-22 budget, the State of New York appropriated \$20 million to finance additional engineering and construction work on the Conklingville Dam. The Regulating District is working collaboratively with the New York State Office of General Services, New York State Department of Environmental Conservation, New York State Division of Budget, and the New York State Executive Chamber to effectively utilize these funds.

In April 2021, the New York State Inspector General released a report finding that the Regulating District erroneously paid out \$51,082.58 in unused accrued sick leave to its former Chief Fiscal Officer. The Regulating District had discovered the error and reported it to the Inspector General in May 2020. An audit finding related to this error was also in Schedule of Findings and Questioned Costs as part of its Fiscal Year 2019-2020 audit. The Regulating District has accepted and implemented the recommendation on the finding.

Since release of the Inspector General report, the Regulating District has recovered a total of \$49,283 via a claim on its Government Entities Crime Policy and via a partial reimbursement from the former Chief Fiscal Officer for the required share of health insurance premiums paid by retirees. These funds will be reported in the Fiscal Year 2021-22 audit. The Regulating District accepted and is implementing all the recommendations made by the New York State Inspector General.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

**5. Statements of Net Position Summary**

The Statements of Net Position Summary (in 000s) is as follows:

	2021	2020
Dam structures	\$ 14,105	\$ 14,105
Building and improvements	3,038	3,038
Office and other equipment	435	435
Vehicles	<u>687</u>	<u>702</u>
Cost of depreciable capital assets	18,265	18,280
Less: accumulated depreciation	(15,681)	(15,485)
Add: Land	<u>8</u>	<u>8</u>
Net book value of capital assets	2,592	2,802
Current assets	<u>7,360</u>	<u>6,755</u>
Total assets	<u>9,952</u>	<u>9,557</u>
Deferred outflows of resources	<u>1,134</u>	<u>766</u>
Current liabilities	518	537
Long-term liabilities	<u>17,604</u>	<u>17,346</u>
Total liabilities	<u>18,122</u>	<u>17,883</u>
Deferred inflows of resources	<u>1,347</u>	<u>50</u>
Net position		
Net investment in capital assets	2,592	2,802
Unrestricted	<u>(10,975)</u>	<u>(10,411)</u>
Total net position	<u>\$ (8,384)</u>	<u>\$ (7,609)</u>

This analysis reflects the Regulating District's financial position. Asset growth generally occurs in governmental units when 1) cash assets are accumulated, and/or 2) debt is used to finance acquisition or construction of capital (durable) assets such as equipment, furniture, land, buildings, major improvements that extend the life of a capital asset, or leasehold improvements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

**5. Statements of Net Position Summary - Continued**

Asset shrinkage occurs when 1) accumulated cash assets are used for expenses that exceed revenues, and/or 2) assets acquired during the year cost less than depreciation. Also, the Regulating District implemented Government Accounting Standards Board Statement 68 in 2015. With the new reporting change, the Regulating District allocated its proportionate share of the New York State Employers' Retirement System's net pension liability, deferred outflows of resources, and pension expense. Decisions regarding the allocations to employers are made by the administrators of the pension plan, not by the Regulating District's management.

**6. Capital Assets**

During 2021, the Regulating District decreased their capital assets by approximately \$179,755 due to the net effect of depreciation expense of \$225,582, purchases amounting to \$15,341 and disposal amounting \$30,486.

Depreciation expense decreases the book value of capital assets each year. Growth of capital assets in a governmental unit is not necessarily an indicator of positive financial conditions, nor is negative capital growth necessarily an indicator of financial deterioration.

**7. Debt**

On November 2, 2017, the Regulating District executed the Bond Anticipation Note with NYS Environmental Facilities Corporation (EFC) in the amount of \$3,064,067. The note was issued to fund a significant portion of the spillway reconstruction project at the Conklingville Dam in Hadley, NY.

On November 2, 2020, the Regulating District amended and restated its note with EFC, effectively extending the maturity until November 2, 2022.

As of June 30, 2021, the District has drawn down a total of \$789,343 of its available financing from EFC and repaid a total of \$24,500, leaving a balance due of \$764,843.

**8. Financial Condition**

The Hudson River Area's revenue streams have been relatively stable for many years. Its agreement with Brookfield Renewable Power, originally set to expire on June 30, 2021, has been extended by mutual consent for an additional year to allow more time for a mutually beneficial agreement to be reached.



**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Management Discussion and Analysis (Unaudited)

Years Ended June 30, 2021 and 2020

**8. Financial Condition - Continued**

The Black River Area's revenue streams have been relatively stable for many years. Its agreement with Stillwater Associates is set to expire on December 30, 2021. The Regulating District has begun negotiations with Stillwater and anticipates a mutually beneficial outcome.

Expenses for both the Hudson River Area and Black River Area increase as compensation costs and real property taxes increase. They also vary depending on the timing of necessary investments in District infrastructure.

**9. Potential Future Economic Event**

The Regulating District received a positive decision regarding the last appeal made by Erie Boulevard Hydropower L.P. in U.S. District. There are no additional negative economic events anticipated through the next budget cycle.

Revenue receipts from the Regulating District's new apportionment in the Black River Area, which effectively ended years of litigation with National Grid (DBA Niagara Mohawk) by shifting a small percentage of the costs to operate to the local five (5) counties with properties along the Black and Moose Rivers, continues to proceed smoothly.

**10. Request for Information**

The accompanying consolidated financial statements are designed to provide detailed information on the Regulating District's operations to all those with an interest in the Regulating District's financial affairs. Questions concerning any of the information provided in this report, or any request for additional information, should be addressed to the Chief Fiscal Officer, Hudson River-Black River Regulating District, 575 Broadway, 3rd Floor, Albany, NY 12207.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT**  
**(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**CONSOLIDATED STATEMENTS OF NET POSITION**

**JUNE 30, 2021 AND 2020**

	<u>2021</u>	<u>2020</u>
<b>ASSETS</b>		
Current assets		
Cash and cash equivalents	\$ 6,174,216	\$ 5,833,701
Accounts receivable, net	527,756	303,997
Prepaid expenses	<u>658,006</u>	<u>617,454</u>
Total current assets	7,359,978	6,755,152
Capital assets, net	<u>2,592,236</u>	<u>2,802,477</u>
Total assets	<u>9,952,214</u>	<u>9,557,629</u>
 <b>DEFERRED OUTFLOWS OF RESOURCES</b>	 <u>1,134,024</u>	 <u>766,464</u>
 <b>LIABILITIES</b>		
Current liabilities		
Accounts payable and accrued expenses	66,097	129,401
Compensated absences	<u>452,198</u>	<u>407,482</u>
Total current liabilities	<u>518,295</u>	<u>536,883</u>
Noncurrent liabilities		
Notes payable	764,843	789,343
Proportionate share of NYS retirement net pension liability	4,556	1,057,972
Other post employment benefits	<u>16,834,950</u>	<u>15,498,316</u>
Total noncurrent liabilities	<u>17,604,349</u>	<u>17,345,631</u>
Total liabilities	<u>18,122,644</u>	<u>17,882,514</u>
 <b>DEFERRED INFLOWS OF RESOURCES</b>	 <u>1,347,101</u>	 <u>49,830</u>
 <b>NET POSITION</b>		
Net investment in capital assets	2,592,236	2,802,477
Unrestricted	<u>(10,975,743)</u>	<u>(10,410,728)</u>
Total net position	<u>\$ (8,383,507)</u>	<u>\$ (7,608,251)</u>

See notes to the consolidated financial statements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT**  
**(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**CONSOLIDATED STATEMENTS OF ACTIVITIES AND CHANGES IN NET POSITION**

**YEARS ENDED JUNE 30, 2021 AND 2020**

	<b>2021</b>	<b>2020</b>
<b>OPERATING REVENUES</b>		
Assessments	\$ 4,373,960	\$ 4,397,700
New York State assessments	1,077,292	1,026,530
Water power service	1,485,686	1,445,823
Permit fees	577,875	424,423
Other	419,076	3,028
Total operating revenues	<u>7,933,889</u>	<u>7,297,504</u>
<b>OPERATING EXPENSES</b>		
Personnel service and employee benefits	2,763,331	2,888,802
Other post-employment benefits	1,483,915	(3,149,244)
Real estate taxes	3,137,538	3,042,473
Contractual services	1,046,680	1,317,507
Depreciation and amortization	225,582	233,287
Materials and supplies	48,585	62,933
Total operating expenses	<u>8,705,631</u>	<u>4,395,758</u>
<b>TOTAL OPERATING INCOME (LOSS)</b>	<u>(771,742)</u>	<u>2,901,746</u>
<b>NONOPERATING REVENUE (EXPENSE)</b>		
Interest expense	(40,367)	(53,212)
Interest income	41,025	122,752
Other income and expense	(4,172)	(34,839)
Total nonoperating revenue (expense)	<u>(3,514)</u>	<u>34,701</u>
<b>CHANGES IN NET POSITION</b>	(775,256)	2,936,447
<b>NET ASSETS AT BEGINNING OF YEAR</b>	<u>(7,608,251)</u>	<u>(10,544,698)</u>
<b>NET ASSETS, END OF YEAR</b>	<u>\$ (8,383,507)</u>	<u>\$ (7,608,251)</u>

See notes to the consolidated financial statements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT**  
**(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**CONSOLIDATED STATEMENTS OF CASH FLOWS**

**YEARS ENDED JUNE 30, 2021 AND 2020**

	<b>2021</b>	<b>2020</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Cash received from assessment beneficiaries	\$ 5,227,493	\$ 5,647,437
Cash received from water power service	1,485,686	1,445,823
Cash received from permit fees	577,875	424,423
Other cash receipts	419,076	3,028
Payments to vendors and suppliers for goods and services	(4,336,659)	(4,410,735)
Payments to employees	<u>(2,989,601)</u>	<u>(3,010,853)</u>
Net cash from operating activities	<u>383,870</u>	<u>99,123</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Purchase of capital assets	(15,341)	(101,444)
Investment income (used) received	<u>(3,514)</u>	<u>34,701</u>
Net cash from investing activities	<u>(18,855)</u>	<u>(66,743)</u>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Proceeds from (payment of) New York State Bonds	<u>(24,500)</u>	<u>55,340</u>
Net cash from financing activities	<u>(24,500)</u>	<u>55,340</u>
Net change in cash and cash equivalents	340,515	87,720
<b>CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR</b>	<u>5,833,701</u>	<u>5,745,981</u>
<b>CASH AND CASH EQUIVALENTS AT END OF YEAR</b>	<u><u>\$ 6,174,216</u></u>	<u><u>\$ 5,833,701</u></u>

**RECONCILIATION OF OPERATING LOSS TO NET CASH PROVIDED BY OPERATING ACTIVITIES:**

<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Changes in net position	\$ (775,256)	\$ 2,936,447
Adjustments to reconcile changes in net position to net cash flow from operating activities:		
Investment income (expense)	3,514	(34,701)
Depreciation and amortization	225,582	233,287
Decrease (increase) in assets:		
Accounts receivable	(223,759)	223,207
Prepaid expenses	(40,552)	(43,061)
Deferred outflow	(367,560)	(476,238)
Increase (decrease) in liabilities:		
Accounts payable and accrued expenses payable	(63,304)	55,239
Compensated absences	44,716	24,513
Proportionate share of net pension liability	(1,053,416)	737,505
Deferred inflow	1,297,271	(61,437)
Other post employment benefits obligation	<u>1,336,634</u>	<u>(3,495,638)</u>
Net cash from operating activities	<u><u>\$ 383,870</u></u>	<u><u>\$ 99,123</u></u>

See notes to the consolidated financial statements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS**

**YEARS ENDED JUNE 30, 2021 AND 2020**

**1. ORGANIZATION AND REPORTING ENTITY**

Hudson River-Black River Regulating District (the "Regulating District") was created in 1959 under Article 15, Title 21 of the Environmental Conservation Law, which combined two organizations, the Black River Regulating District (Black River), formed in 1919, and the Hudson River Regulating District (Hudson River), formed in 1922. The Regulating District is a New York State public benefit corporation that is mandated to regulate stream flows, including health and safety, as required by public welfare. The regulation of stream flows into the two [Hudson River and Black River] watershed areas is the mission of the consolidated organization. The day-to-day operation and financing of the two areas is conducted independently, because they are not physically related or connected in any way. Accordingly, the operating costs of each are recovered from two different sets of statutory beneficiaries, hydropower (or waterpower) agreements and, in the Hudson River area only, the Great Sacandaga Lake Permit System. Each watershed area has its own operating personnel; however, a common professional staff serves both. Overall direction is supplied by a board appointed by the Governor of New York State.

The Regulating District is a component unit of the State of New York and, as such, is included in the State's general purpose financial statements. The Regulating District's consolidated financial statements include all operations for which the Regulating District has financial accountability.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

***Basis of Accounting***

The Regulating District's consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States of America as set forth by the Governmental Accounting Standards Board (GASB) for proprietary funds.

***Principles of Consolidation***

The accompanying consolidated financial statements include the accounts of the Hudson River and Black River Regulating Districts. All intercompany transactions and balances have been eliminated in consolidation.

***Basis of Presentation***

The accompanying financial statements have been prepared in accordance with GASB, which require the Regulating District to report information regarding its financial position and activities according to the following net asset classifications.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED**

***Basis of Presentation - Continued***

*Net investment in capital assets.* Consists of capital assets including restricted capital assets, net of accumulated depreciation, reduced by the outstanding balances of any bonds, notes or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.

*Restricted net position.* Consists of net position with constraints placed on its use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

*Unrestricted net position.* All other net position that does not meet the definition of “restricted” or “net investment in capital assets.”

***Use of Estimates***

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

***Reclassifications***

Amounts from prior year may have been reclassified to conform to current year presentation.

***Cash and Cash Equivalents***

The Regulating District considers all short-term investments with original maturities of three months or less to be cash equivalents.

The Regulating District’s monies must be deposited in Federal Depository Insurance Corporation (FDIC) insured commercial banks or trust companies located within the state. During the years ended June 30, 2021 and 2020, the Regulating District also had funds held by New York State in STIP. The Regulating District does not control and is not responsible for collateralizing the STIP funds, as they are collateralized at the State level. The Regulating District’s cash in FDIC insured commercial banks, at times, may exceed federally insured limits. The Regulating District has not experienced any losses in such accounts and believes it is not exposed to any significant credit risk with respect to cash.



**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED**

***Accounts Receivables***

Accounts receivable consists of assessments due from beneficiaries. Accounts receivable are carried on the statements of net position at net realizable value. The Regulating District has elected to record bad debts using the allowance method. Accounts receivable of \$518,786 and \$303,997 at June 30, 2021 and 2020, respectively, are recorded net of the allowance for doubtful accounts of \$799,258 and \$1,198,887 at June 30, 2021 and 2020, respectively.

The Regulating District continuously monitors outstanding accounts receivable for collectability. During the years ended June 30, 2021 and 2020, the Regulating District did not recognize any bad debt expense based on the status of its doubtful accounts.

***Capital Assets***

Capital assets are recorded at cost. Capital assets are defined as assets with initial, individual costs exceeding a capitalization threshold of \$5,000 and useful life of two years or more. Depreciation is provided using the straight-line method over the following estimated useful lives:

Dam structures	100 years
Building and improvements	15 - 40 years
Equipment	5 - 7 years
Vehicles	5 years

***Accrued Compensated Absences***

It is the Regulating District's policy to record compensated absences, including accumulated vacation and sick leave, as a liability. Upon retirement from the Regulating District, employees are paid all accumulated sick days, up to 100 days of unused sick leave in accordance with the terms of the collective bargaining agreement.

***Deferred Outflows/Inflows of Resources***

In addition to assets, the consolidated statements of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the consolidated statements of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to a future period and so will not be recognized as an inflow of resources (revenue) until that time.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED**

***Pensions***

The net pension liability (asset) represents the Regulating District's proportionate share of the net pension liability (asset) of the New York State and Local Retirement System ("NYSLRS"). The financial reporting of these amounts is presented in accordance with the provisions of GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*.

***Other Postemployment Benefits (OPEB)***

The Regulating District provides certain health care benefits to its retired employees in accordance with the provisions of employment contracts. In general, the Regulating District provides health care benefits for those retired personnel who are eligible for a pension through the New York State and Local Retirement System.

The OPEB benefits were calculated using Alternate Measurement Method for employers with fewer than one hundred employees (active and inactive), as specified in paragraphs 224 through 226 of GASB Statement 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*.

***Budgets***

As required by legislation, the Regulating District operates on a three-year budgeting cycle. Separate budgets are developed for the Hudson River area and Black River area since the cost of their respective operations is borne by a group of designated beneficiaries in each watershed. General administration costs, including Board expenses, are allocated on a proportionate basis to the two areas. The cost of operating the Permit System at the Great Sacandaga Lake is estimated for a three-year period. This involves allocating personnel salaries and benefits, as well as a portion of facility and equipment costs to permit system operations.

***Revenue Recognition***

**Assessments**

Resolutions are passed by the Regulating District's Board for both the Hudson River area and Black River area annual assessments at the June Board meeting. On July 1st of each year, assessments are billed, and on November 1st, a transmittal letter is sent to each town, city or village informing it of each statutory beneficiary in their respective community who did not pay their assessment. Also, on November 1st, a letter is sent to each County where a statutory beneficiary is located requesting it to charge unpaid assessments on the County's property tax levy for the subsequent year.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED**

***Revenue Recognition - Continued***

**New York State Assessment**

The March 12, 2013 Hudson River Area Apportionment established an “amount chargeable to the State” to be 22.18% of the total Hudson River Area estimated operation and maintenance cost. On July 1 of each year, the amount chargeable to the State is submitted to the New York State Division of Budget for inclusion in the State’s annual appropriation bill.

**Operating and Non-Operating Revenues (Expenses)**

Operating revenue consists of assessments, waterpower service, federal headwater benefit fees, and permit fees. The Regulating District defines non-operating revenue as interest earnings cash or investment assets and realized/unrealized gains or losses on sales of investments. Non-operating expense primarily reflects interest expense on financing arrangements and pension related payments. At June 30, 2021 and 2020, the Regulating District did not own any investment assets other than the funds held in Short Term Investment Pool (STIP).

***Income Tax Status***

As a public benefit corporation, the Regulating District is exempt from federal and state income taxes.

***Fair Value of Financial Instruments***

The fair value of financial instruments classified as current assets or liabilities approximate their carrying value due to the short-term maturity of the instruments.

Fair value represents the price that would be received upon the sale of an asset or paid upon the transfer of a liability in an orderly transaction between market participants as of the measurement date. Valuation techniques that are consistent with the market, income or cost approach are used to measure fair value.

The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels as follows:

- Level I inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level II inputs are inputs (other than quoted prices included within Level I) that are observable for the asset or liability, either directly or indirectly.
- Level III inputs are unobservable inputs, for the asset or liability and rely on management’s own assumptions about the assumptions that market participants would use in pricing the asset or liability.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - CONTINUED**

***Fair Value of Financial Instruments - Continued***

The fair value of the Regulating District's cash and cash equivalents, accounts receivable, accounts payable and accrued expenses, and all other liabilities approximates carrying values because of the short-term nature of these items.

**3. ACCOUNTING PRONOUNCEMENT ADOPTED DURING THE YEAR**

*GASB Statement No. 84, Fiduciary Activities (GASB 84)*, improves guidance regarding the identification of fiduciary activities and how those activities should be reported. This statement generally focuses on whether a government is controlling the assets of the fiduciary activity, and the beneficiaries with whom the fiduciary relationship exists. Fiduciary Fund statements should include pension trusts, investment trusts, private purpose trusts, and custodial funds. The Regulating District do not have fiduciary activity and therefore the adoption did not have an effect on the Regulating District's financial statements.

*GASB Statement No. 90, Majority Equity Interests – An Amendment of GASB Statements No. 14 and No. 61, (GASB 90)*. GASB 90 defines a majority equity interest and specifies that a majority equity interest in a legally separate organization should be reported as an investment if a government's holding of the equity interest meets the definition of an investment. The Regulating District do not hold an equity interest in an investment; therefore, the adoption did not have an effect on the Regulating District's financial statements.

**4. ACCOUNTING PRONOUNCEMENTS ISSUED BUT NOT YET ADOPTED**

*Statement No. 87 and Implementation Guide No. 2019-3, Leases, effective for reporting periods beginning after June 15, 2021, and all reporting periods thereafter*. The objective of GASB 87 is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. GASB 87 increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under GASB 87, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. The Regulating District is currently evaluating the impact of this Statement.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**4. ACCOUNTING PRONOUNCEMENTS ISSUED BUT NOT YET ADOPTED - CONTINUED**

*Statement No. 91, Conduit Debt Obligations, reporting periods beginning after December 15, 2021.* The primary objectives of this Statement are to provide a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. This Statement achieves those objectives by clarifying the existing definition of a conduit debt obligation; establishing that a conduit debt obligation is not a liability of the issuer; establishing standards for accounting and financial reporting of additional commitments and voluntary commitments extended by issuers and arrangements associated with conduit debt obligations; and improving required note disclosures. Currently, the Regulating District do not have conduit debt obligation and expects that the adoption of this in fiscal year 2022 will not have an impact on the Regulating District's financial statements.

*Statement No. 93, Replacement of Interbank Offered Rates effective for fiscal years beginning after June 15, 2021.* The objective of GASB 93 is to address accounting and financial reporting implications that result from the replacement of an interbank offered rate. The Regulating District is currently assessing effect on its financial statement.

**5. CASH AND CASH EQUIVALENTS**

Cash held by the Regulating District in deposit accounts consisted of the following at June 30:

	<u>2021</u>	<u>2020</u>
Carrying value	\$ 769,934	\$ 234,908
Bank balance	863,351	528,837

Deposits held in STIP, held by the NYS Comptroller's Office, totaled \$5,404,282 and \$5,598,793 at June 30, 2021 and 2020, respectively.

A summary of the carrying value of cash and deposits as of June 30 are as follows:

	<u>2021</u>	<u>2020</u>
Cash	\$ 769,684	\$ 234,658
STIP funds	5,404,282	5,598,793
Petty cash	<u>250</u>	<u>250</u>
	<u>\$ 6,174,216</u>	<u>\$ 5,833,701</u>

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**6. CONCENTRATION OF CREDIT RISK**

***Cash Balances***

The Regulating District maintains its cash balances at several financial institutions. Cash balances held by the Regulating District in noninterest-bearing accounts at commercial banks are insured up to \$250,000 at June 30, 2021 by the Federal Deposit Insurance Corporation (FDIC).

***Funding Source***

The Regulating District receives a significant amount of its funding from the assessment revenues. During the fiscal year ended June 30, 2021 and 2020, the Regulating District received approximately 73% and 75%, respectively, of funding that were provided by the statutory beneficiaries. Loss of funding from these statutory beneficiaries could have a material effect on the Regulating District, however, Management of the Regulating District does not anticipate a significant loss of such funding.

**7. CAPITAL ASSETS**

Capital assets at June 30, 2021 and 2020 are as follows:

**HUDSON RIVER AREA**

<b>Cost</b>	<b>As of June 30, 2020</b>	<b>Additions</b>	<b>Retirements and Disposals</b>	<b>As of June 30, 2021</b>
Dam Structures	\$ 12,104,830	\$ -	\$ -	\$ 12,104,830
Building and improvements	2,631,085	-	-	2,631,085
Office and other equipment	282,300	-	-	282,300
Vehicles	541,750	15,341	-	557,091
Land	-	-	-	-
<b>Total</b>	<b>\$ 15,559,965</b>	<b>\$ 15,341</b>	<b>\$ -</b>	<b>\$ 15,575,306</b>
<b>Accumulated Depreciation</b>				
Dam Structures	\$ 11,257,492	\$ 121,048	\$ -	\$ 11,378,540
Building and improvements	1,024,304	67,014	-	1,091,318
Office and other equipment	213,685	9,113	-	222,798
Vehicles	516,351	7,366	-	523,717
Land	-	-	-	-
<b>Total</b>	<b>\$ 13,011,832</b>	<b>\$ 204,541</b>	<b>\$ -</b>	<b>\$ 13,216,373</b>
<b>Capital assets, net</b>	<b>\$ 2,548,133</b>	<b>\$ (189,200)</b>	<b>\$ -</b>	<b>\$ 2,358,933</b>



**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**7. CAPITAL ASSETS - CONTINUED**

**BLACK RIVER AREA**

<b>Cost</b>	As of June 30, 2020	Additions	Retirements and Disposals	As of June 30, 2021
Dam Structures	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Building and improvements	406,442	-	-	406,442
Office and other equipment	153,121	-	-	153,121
Vehicles	160,585	-	(30,486)	130,099
Land	7,800	-	-	7,800
<b>Total</b>	<b>\$ 2,727,948</b>	<b>\$ -</b>	<b>\$ (30,486)</b>	<b>\$ 2,697,462</b>

**Accumulated Depreciation**

Dam Structures	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Building and improvements	207,269	9,810	-	217,079
Office and other equipment	113,213	11,231	-	124,444
Vehicles	153,121	-	(30,486)	122,635
Land	-	-	-	-
<b>Total</b>	<b>\$ 2,473,603</b>	<b>\$ 21,041</b>	<b>\$ (30,486)</b>	<b>\$ 2,464,158</b>

Capital assets, net	\$ 254,345	\$ (21,041)	\$ -	\$ 233,304
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**Consolidated**

<b>Cost</b>	As of June 30, 2020	Additions	Retirements and Disposals	As of June 30, 2021
Dam Structures	\$ 14,104,830	\$ -	\$ -	\$ 14,104,830
Building and improvements	3,037,527	-	-	3,037,527
Office and other equipment	435,421	-	-	435,421
Vehicles	702,335	15,341	(30,486)	687,190
Land	7,800	-	-	7,800
<b>Total</b>	<b>\$ 18,287,913</b>	<b>\$ 15,341</b>	<b>\$ (30,486)</b>	<b>\$ 18,272,768</b>

**Accumulated Depreciation**

Dam Structures	\$ 13,257,492	\$ 121,048	\$ -	\$ 13,378,540
Building and improvements	1,231,573	76,824	-	1,308,397
Office and other equipment	326,898	20,344	-	347,242
Vehicles	669,472	7,366	(30,486)	646,352
Land	-	-	-	-
<b>Total</b>	<b>\$ 15,485,435</b>	<b>\$ 225,582</b>	<b>\$ (30,486)</b>	<b>\$ 15,680,531</b>

Capital assets, net	\$ 2,802,478	\$ (210,241)	\$ -	\$ 2,592,237
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**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**7. CAPITAL ASSETS - CONTINUED**

**HUDSON RIVER AREA**

<b>Cost</b>	As of June 30, 2019	Additions	Retirements and Disposals	As of June 30, 2020
Dam Structures	\$ 12,104,830	\$ -	\$ -	\$ 12,104,830
Building and improvements	2,561,249	69,836	-	2,631,085
Office and other equipment	250,691	31,609	-	282,300
Vehicles	541,750	-	-	541,750
Land	-	-	-	-
<b>Total</b>	<b>\$ 15,458,520</b>	<b>\$ 101,445</b>	<b>\$ -</b>	<b>\$ 15,559,965</b>
<b>Accumulated Depreciation</b>				
Dam Structures	\$ 11,136,444	\$ 121,048	\$ -	\$ 11,257,492
Building and improvements	957,678	66,626	-	1,024,304
Office and other equipment	195,055	18,630	-	213,685
Vehicles	511,172	5,179	-	516,351
Land	-	-	-	-
<b>Total</b>	<b>\$ 12,800,349</b>	<b>\$ 211,483</b>	<b>\$ -</b>	<b>\$ 13,011,832</b>
Capital assets, net	\$ 2,658,171	\$ (110,038)	\$ -	\$ 2,548,133

**BLACK RIVER AREA**

<b>Cost</b>	As of June 30, 2019	Additions	Retirements and Disposals	As of June 30, 2020
Dam Structures	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Building and improvements	406,442	-	-	406,442
Office and other equipment	153,121	-	-	153,121
Vehicles	160,585	-	-	160,585
Land	7,800	-	-	7,800
<b>Total</b>	<b>\$ 2,727,948</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,727,948</b>
<b>Accumulated Depreciation</b>				
Dam Structures	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Building and improvements	197,459	9,810	-	207,269
Office and other equipment	153,121	-	-	153,121
Vehicles	101,220	11,993	-	113,213
Land	-	-	-	-
<b>Total</b>	<b>\$ 2,451,800</b>	<b>\$ 21,803</b>	<b>\$ -</b>	<b>\$ 2,473,603</b>
Capital assets, net	\$ 276,148	\$ (21,803)	\$ -	\$ 254,345

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**7. CAPITAL ASSETS - CONTINUED**

**Consolidated**

<b>Cost</b>	<b>As of June 30, 2019</b>	<b>Additions</b>	<b>Retirements and Disposals</b>	<b>As of June 30, 2020</b>
Dam Structures	\$ 14,104,830	\$ -	\$ -	\$ 14,104,830
Building and improvements	2,967,691	69,836	-	3,037,527
Office and other equipment	403,812	31,609	-	435,421
Vehicles	702,335	-	-	702,335
Land	7,800	-	-	7,800
<b>Total</b>	<b>\$ 18,186,468</b>	<b>\$ 101,445</b>	<b>\$ -</b>	<b>\$ 18,287,913</b>
<b>Accumulated Depreciation</b>				
Dam Structures	\$ 13,136,444	\$ 121,048	\$ -	\$ 13,257,492
Building and improvements	1,155,137	76,436	-	1,231,573
Office and other equipment	348,176	18,630	-	366,806
Vehicles	612,392	17,172	-	629,564
Land	-	-	-	-
<b>Total</b>	<b>\$ 15,252,149</b>	<b>\$ 233,286</b>	<b>\$ -</b>	<b>\$ 15,485,435</b>
Capital assets, net	\$ 2,934,319	\$ (131,841)	\$ -	\$ 2,802,478

Depreciation expense charged to operations for the fiscal years ended June 30 are as follows:

	<b>2021</b>	<b>2020</b>
Hudson River Area	\$ 204,541	\$ 211,483
Black River Area	21,041	21,803
<b>Total depreciation expense</b>	<b>\$ 225,582</b>	<b>\$ 233,286</b>

**8. PENSIONS**

***Plan Description***

The Regulating District participates in the New York State and Local Employees' Retirement System (ERS). This is a cost-sharing, multiple-employer retirement plan. The ERS provides retirement benefits, as well as death and disability benefits. Obligations of employers and employees to contribute and benefits to employees are governed by the New York State Retirement and Social Security law (NYSRSSL). As set forth in NYSRSSL, the Comptroller of the State of New York (Comptroller) serves as sole trustee and administrative head of the System. The Comptroller shall adopt and may amend rules and regulations for the administration and transaction of the business of the ERS and for the custody and control of their funds. The ERS issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to the New York State and Local Employees' Retirement Systems, 110 State Street, Albany, New York 12244 or online at [www.osc.state.ny.us/retire/publications/index.php](http://www.osc.state.ny.us/retire/publications/index.php)

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

***Eligibility and Funding Policy***

Membership, benefits, and employer and employee obligations to contribute are described in the NYSRSSL using the tier concept. Pension legislation established tier membership by the date a member last joined the Retirement System. They are as follows:

- Tier 1 - Those persons who last became members of the ERS before July 1, 1973.
- Tier 2 - Those persons who last became members on or after July 1, 1973, but before July 27, 1976.
- Tier 3 - Generally those persons who are State correction officers who last became members on or after July 27, 1976, and all others who last became members on or after July 27, 1976, but before September 1, 1983.
- Tier 4 - Generally, except for correction officers, those persons who last became members on or after September 1, 1983.
- Tier 5 - Those persons who last became members of the ERS on or after January 1, 2010.
- Tier 6 - Those persons who last became members of the ERS on or after April 1, 2012.

***Member Contributions***

Generally, Tier 3, 4, and 5 members must contribute 3% of their salary to the System. As a result of Article 19 of the RSSL, eligible Tier 3 and 4 employees, with a membership date on or after July 27, 1976, who have ten or more years of membership or credited service with the System, are not required to contribute. Members cannot be required to begin making contributions or to make increased contributions beyond what was required when membership began. For Tier 6 members, the contribution rate varies from 3% to 6% depending on salary. Generally, Tier 5 and 6 members are required to contribute for all years of service.

***Employer Contributions***

Participating employers are required under the NYSRSSL to contribute to the ERS at an actuarially determined rate adopted annually by the Comptroller. The average contribution rate for ERS for the fiscal year ended March 31, 2021 was approximately 14.6% of covered employee payroll. Delinquent annual bills for employer contributions accrue interest at the actuarial interest rate applicable during the year. For the fiscal year ended March 31, 2021, the applicable interest rate was 6.8%.

Under the authority of the NYSRSSL, the Comptroller annually certifies the actuarially determined rates expressly used in computing the employers' contributions based on salaries paid during the Systems' fiscal year ending March 31. Contributions for the current year and two preceding years were equal to 100 percent of the contributions required, and were as follows:

2021	\$ 266,876
2020	201,502
2019	236,542

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

***Benefits (only for those in which the Regulating District has employees in)***

Tiers 1 and 2

Benefit Calculation: Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than 20 years. If the member retires with 20 or more years of service, the benefit is 2% of final average salary for each year of service. Tier 2 members with five or more years of service can retire as early as age 55 with reduced benefits. Tier 2 members age 55 or older with 30 or more years of service can retire with no reduction in benefits. As a result of Article 19 of the RSSL, Tier 1 and Tier 2 members who worked continuously from April 1, 1999 through October 1, 2000 received an additional month of service credit for each year of credited service they have at retirement, up to a maximum of 24 additional months.

Tiers 3, 4 and 5

Benefit Calculation: Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than 20 years. If a member retires with between 20 and 30 years of service, the benefit is 2% of final average salary for each year of service. If a member retires with more than 30 years of service, an additional benefit of 1.5% of final average salary is applied for each year of service over 30 years. Tier 3 and 4 members with five or more years of service and Tier 5 members with ten or more years of service can retire as early as age 55 with reduced benefits. Tier 3 and 4 members age 55 or older with 30 or more years of service can retire with no reduction in benefits.

Tier 6

Benefit Calculation: Generally, the benefit is 1.67% of the final average salary for each year of service if the employee retires with less than 20 years. If the employee retires with 20 years of service, the benefit is 1.75% of final average salary for each year of service. If the employee retires with more than 20 years of service, an additional benefit of 2% of final average salary is applied for each year of service over 20 years. Tier 6 employees with ten or more years of service can retire as early as age 55 with reduced benefits.

Once a public employer elects to participate in the ERS, the election is irrevocable. The New York State Constitution provides that pension membership is a contractual relationship and plan benefits cannot be diminished or impaired. Benefits can be changed for future members only by enactment of a State statute.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

***Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Pension***

For purposes of determining the net pension liability and other pension-related amounts, information about the fiduciary net position of ERS have been determined on the same basis reported by the Regulating District.

At June 30, 2021, the Regulating District's proportionate share of the collective net pension liability was \$4,556, which is a decrease from \$1,057,972 at June 30, 2020. The Regulating District's proportionate share of the collective net pension liability was determined by using an actuarial valuation as of April 1, 2020, with update procedures used to rollforward the total pension liability to March 31, 2021. The Regulating District's share of collective net pension liability was actuarially determined based on a projection of the Regulating District's long-term share of contributions to the pension plan relative to the projected contributions of all participating members.

At March 31, 2021 the Regulating District's proportionate share was 0.0045752%, which was higher than its proportionate share measured at March 31, 2020 of 0.0039953%. For the fiscal years ended June 30, 2021 and 2020, the Regulating District recognized pension expense of \$270,986 and \$205,701, respectively, under GASB 68. At June 30, 2021 and 2020, the Regulating District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	June 30, 2021	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 55,638	\$ -
Changes of assumptions	837,650	15,798
Net difference between projected and actual earnings on pension plan investments	-	1,308,672
Changes in proportion and differences between employer contributions and proportionate share of contributions	-	-
Contributions subsequent to the measurement date	174,017	22,631
	66,719	-
Changes in deferred outflows and inflows	<u>\$ 1,134,024</u>	<u>\$ 1,347,101</u>



**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

***Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Pension – Continued***

	June 30, 2020	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 62,266	\$ -
Changes of assumptions	21,303	18,394
Net difference between projected and actual earnings on pension plan investments	542,368	-
Changes in proportion and differences between employer contributions and proportionate share of contributions	90,152	31,436
Contributions subsequent to the measurement date	<u>50,376</u>	<u>-</u>
Changes in deferred outflows and inflows	<u>\$ 766,465</u>	<u>\$ 49,830</u>

The deferred outflow of resources resulting from contributions made subsequent to the measurement date of \$66,719 will be recognized as reduction of the net pension liability in the fiscal year ended June 30, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30:

2022	\$ (50,732)
2023	(18,491)
2024	(46,684)
2025	<u>(163,889)</u>
	<u>(279,796)</u>

***Actuarial Assumptions***

The total pension liability at March 31, 2021 was determined by using an actuarial valuation as of April 1, 2020 with update procedures used to roll forward the total pension liability to March 31, 2021.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

***Actuarial Assumptions - Continued***

Significant actuarial assumptions for the ERS used in the April 1, 2020 valuation were as follows:

Inflation	2.70%
Salary increases	4.40%
Investment rate of return (net of investment expense) including inflation)	5.90%
Cost-of-living adjustments	1.40%

Annuitant mortality rates are based on April 1, 2015 - March 31, 2020 System experience with adjustments for mortality improvements based on the Society of Actuaries' Scale MP-2020. The previous actuarial valuation as of April 1, 2019 used April 1, 2010 - March 31, 2015 System experience, mortality improvements based on the Society of Actuaries Scale MP-2018, inflation of 2.5%, cost of living adjustments of 1.3%, salary increases of 4.5% and investment rate of return of 6.8%

The actuarial assumptions used in the April 1, 2020 valuation are based on the results of an actuarial experience study for the period April 1, 2015 - March 31, 2020.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected return, net of investment expenses and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long Term Expected Real Rate
Domestic equity	32.00 %	4.05 %
International equity	15.00	6.30
Private equity	10.00	6.75
Real estate	9.00	4.95
Opportunistic/ARS portfolio	3.00	4.50
Credit	4.00	3.63
Real assets	3.00	5.95
Fixed Income	23.00	0.00
Cash	1.00	0.50
	<u>100.00</u> %	

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**8. PENSIONS - CONTINUED**

The real rate of return is net the long-term inflation assumption of 2.00%

***Discount Rate***

The discount rate used to calculate the total pension liability was 5.9%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at statutorily required rates, actuarially. Based upon the assumptions, the System's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Sensitivity of the Proportionate Share of the Net Pension Liability to the Discount Rate Assumption**

The following presents the Regulating District's proportionate share of the net pension liability calculated using the discount rate of 5.9%, as well as what the Regulating District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower (4.9%) or 1 percentage point higher (6.9%) than the current rate:

	1% Decrease (4.9%)	Current assumption (5.9%)	1% Increase (6.9%)
The Regulating District's proportionate share of the collective net pension liability	\$ 1,264,569	\$ 4,556	\$ (1,157,471)

***Pension plan fiduciary net position***

Although GASB No. 68 requires that information is presented from the NYS ERS through the plan's fiscal year end (March 31), the Regulating District has accounted for activity where applicable, from April 1st through its fiscal year end of June 30th.

**9. OTHER POSTEMPLOYMENT BENEFITS**

***Plan Description***

The Regulating District provides certain health care benefits for retired employees in accordance with the provisions of the collective bargaining agreement and the Management/Exempt Employees Guidelines, as applicable. The Regulating District OPEB is a single-employer, contributory plan with fewer than one hundred employees (active and inactive). With this, the Regulating District's OPEB Obligation was calculated using the Alternate Measurement Method for employers with fewer than one hundred employees (active and inactive), as specified in paragraphs 224 through 226 of GASB 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**9. OTHER POSTEMPLOYMENT BENEFITS - CONTINUED**

***Plan Description - Continued***

The Regulating District's OPEB does not issue a stand-alone financial report since there are no assets legally segregated for the sole purpose of paying benefits under the plan.

***Eligibility***

Employees are eligible to retire with medical benefits at the age of 55 and with 10 years of service.

Medical benefits are offered to current and future retirees through the NYSHIP Empire Plan and the CDPHP HMO Plan for pre-65 and post-65 coverage.

The Dental/Vision Plan is a community rated dental/vision plan that is open to active employees, pre-65 Non-Union retirees and post-65 Non-Union retirees.

***Plan Membership***

At June 30, 2021, the OPEB membership (excluding beneficiaries and retirees who waived coverage) consisted of the following:

Active Plan Members	21
Retirees currently receiving benefits	25
Total	46

***Contribution and Funding Policy***

The obligations of the Retirement Plan are established by action of the Regulating District pursuant to applicable collective bargaining and employment agreements. The required premium contribution rates of retirees range from 0%-25%, depending on when the employee was hired and if the employee is governed by a CSEA or a management exempt plan. The Regulating District will pay 100% of the premiums for the retiree and spouse for a management exempt employee, 100% of the premium for a Union employee, and 75% of the premium for a Union employee's spouse. The Regulating District pays the costs of administering the Retirement Plan. The Regulating District currently contributes enough money to the Retirement Plan to satisfy current obligations on a pay-as-you-go basis to cover annual premiums. The Regulating District has not funded a qualified trust or its equivalent as defined in GASB 75 and is not required to fund the plan other than the pay-as-you-go amount necessary to provide current benefits to retirees.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**9. OTHER POSTEMPLOYMENT BENEFITS - CONTINUED**

***Actuarial Methods and Assumptions***

The Regulating District recognized total OPEB liability of \$16,834,950 and \$15,498,316 as of June 30, 2021 and 2020, respectively. The total OPEB liability as of June 30, 2021 was measured as of June 30, 2021 and was determined using an actuarial valuation as of July 1, 2020. The total OPEB liability was calculated using the Entry Age Normal Cost method. The actuarial valuations included the following actuarial assumptions:

Inflation            2.25%  
Discount Rate    1.92%

***Discount Rate***

The discount rate is based on the Fidelity General Obligation 20-Year AA Municipal Bond Index June 30, 2021.

***Salary Increases***

Salaries are assumed to increase at 2.00% per year. The salary scale was based on Regulating District's review of historical experience as well as future expectations.

***Healthcare Trends***

Healthcare trend rates were split to separate trends for pre-65 and post-65 claims as follows:

<b>Year</b>	<b>Pre-65 Medical</b>	<b>Post-65 Medical</b>	<b>Prescription Drug</b>
2021	6.750%	4.400%	6.750%
2022	6.500%	4.300%	6.500%
2023	6.250%	4.200%	6.250%
2024	6.012%	4.200%	6.012%
2025	5.774%	4.200%	5.774%
2035	4.822%	4.200%	4.822%
2045	4.720%	4.200%	4.720%
2055	4.507%	4.200%	4.507%
2065	4.400%	4.200%	4.400%
2075+	3.784%	3.784%	3.784%

***Mortality***

The sex distinct and job category-specific headcount weighted Pub-2010 Public Retirement Mortality Tables for employees and healthy retirees, and then adjusted for mortality improvements with Scale MP-2020 mortality improvements scale generation basis. The revised assumption resulted in a decrease in liabilities.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
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**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**9. OTHER POSTEMPLOYMENT BENEFITS - CONTINUED**

***Turnover***

Rates of turnover were assumed to follow experience under the ERS. The ERS rates are derived from the central rates of decrement disclosed in the April 1, 2015 to March 31, 2020 experience study released by the Retirement Systems Actuary and published in their August 2020 report Annual Report to the Comptroller on Actuarial Assumptions. The revised assumption resulted in an increase in liabilities.

***Retirement Incidence***

Employees were assumed to retire at the later of attaining the age of 62 or reaching the required years of service for medical coverage.

**Annual OPEB Cost and Net OPEB Obligation**

In accordance with the provisions of GASB 75, the Regulating District is required to quantify and disclose its obligations to pay OPEB to retired plan members. This standard supersedes the previously issued guidance, GASB Statement No. 45, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The Regulating District's Net OPEB Obligation as of June 30, 2021 and 2020 respectively were calculated using the Alternate Measurement Method for employers with fewer than one hundred employees (active and inactive), as specified in paragraphs 224 through 226 of GASB 75.

The Regulating District's changes in total OPEB liability as of June 30, 2021 and 2020, are as follows:

	2021	2020
Total OPEB liability at July 1	\$ 15,498,316	\$ 18,993,954
Service cost	351,672	372,987
Interest cost	382,008	599,102
Change of benefit terms	-	-
Differences between expected and actual experience and change of assumptions	1,118,605	(4,015,089)
Benefit payments	(515,651)	(452,638)
Total OPEB liability at June 30	<u>\$ 16,834,950</u>	<u>\$ 15,498,316</u>

Changes in assumptions and inputs include a change in discount rate from 2.45% at July 1, 2020 to 1.92% at June 30, 2021. The change in discount rate resulted in an increase in liabilities. There was no other significant change in assumptions that will have an effect on the total OPEB liability as of June 30, 2021.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**10. CONTINGENCIES**

On July 31, 2012, the Regulating District received the final Federal Energy Regulatory Commission (FERC) Headwater Benefits Study report defining the equitable portion of the Regulating District's Federal Power Act section 10(f) costs to be paid by the federally licensed merchant for profit hydropower generators benefitted by the Regulating District's operation. The FERC order shifted the Regulating District's primary funding source from federally licensed for profit hydropower generators to the five (5) counties (Albany, Rensselaer, Saratoga, Warren, and Washington).

Also, as noted in the final FERC Study, the Regulating District had been charging downstream projects for headwater benefits under New York law for many years before the Great Sacandaga Lake Project was licensed and for several years thereafter. The court of appeals made it clear that, once the Great Sacandaga Lake Project was licensed, New York law was completely preempted by section 10(f) and the collection of payments for headwater benefits pursuant to that law was unauthorized. In its order on remand, the Commission stated that, while it could not order the Regulating District to refund payments made by the downstream licensees under the New York law, it might be possible to offset headwater benefits payments by these amounts. FERC staff requested additional information from the licensees regarding the amounts that the Regulating District has collected for each downstream project since the Great Sacandaga Project was licensed and any funds that may have since been returned to the downstream licensees. Based on the receipt of that information along with the consideration of other related licensee claims and settlements, FERC orders in August and November 2015 established the dates upon which certain licensees to start paying past due headwater assessments as previously settled, while other licensees would participate in a crediting system whereas the aggregate refund amounts that licensees are entitled to will be amortized and netted against their annual headwater benefit fee assessments. One licensee, Erie Boulevard Hydropower LP (Erie), appealed the FERC orders and the United States Court of Appeals District of Columbia Circuit heard oral arguments on September 25, 2017.

On December 22, 2017, in a 3-0 decision, the court dismissed Erie's petition to vacate those orders. The court's opinion mirrored the arguments advanced in the Regulating District's intervening brief, finding that FERC correctly calculated the head water benefits and then exercised equitable discretion to find that the 2006 settlement precluded offsetting Erie's prior state law based assessment payments as credits against those head water benefits.

**11. HYDROPOWER (WATER USAGE) AGREEMENTS**

In the Hudson River area, the Regulating District has a Hydropower Agreement with a hydroelectric company effective July 1, 2003 and expiring June 30, 2021, which required an initial annual payment of \$850,000 that increases by 3.0% each year. The agreement was extended for a year with an expiration date of June 30, 2022.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**11. HYDROPOWER (WATER USAGE) AGREEMENTS**

In the Black River area, the Regulating District has a Hydropower Agreement with a hydroelectric company effective January 1, 1986 and expiring in December 31, 2016, which required an initial annual payment of \$30,000 that increases by 3.0% each year. The agreement was renewed for 5 years with an expiration date of December 31, 2021. As of the report date, the renewal agreement negotiation is still in progress.

Estimated annual required payments to the Regulating District under the terms of these agreements are as follows for the year ending June 30:

	Hudson River (Adopted)	Black River (Anticipated)	Total
2022	<u>1,447,068</u>	<u>81,959</u>	<u>1,529,027</u>
	<u>\$ 1,447,068</u>	<u>\$ 81,959</u>	<u>\$ 1,529,027</u>

For the years ended June 30, 2021 and 2020, the Hudson River area recognized waterpower income of \$1,404,920 and \$1,367,410, respectively, and the Black River area recognized waterpower income of \$80,766 and \$78,413, respectively, under these hydropower agreements.

**12. NOTES PAYABLE**

In November 2017, the Regulating District entered into an agreement with New York State Environmental Facilities Corporation for a financing of up to \$3,064,067. The proceeds are to be used to finance costs associated with the reconstruction of the Conklingville Dam spillway ice sluice and repairs to the main spillway. As of June 30, 2021, the Regulating District has received \$789,343 in advances for the notes payable. The note payable accrue interest at 0.99% per annum and has a maturity date of November 2020. In November 2020, the agreement was renewed for additional two years with an expiration date of November 2, 2022.

Interest expense incurred for the year ended June 30, 2021 and 2020, amounted to \$5,750 and \$7,271, respectively. As of June 30, 2021, and 2020, the note has an outstanding balance of \$764,843 and \$789,343, respectively.

**13. LONG-TERM OBLIGATIONS**

Long-term obligation activity for the fiscal years ended June 30, 2021 and 2020 is summarized below:



**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED**

**13. LONG-TERM OBLIGATIONS - CONTINUED**

Additions and reductions to compensated absences are shown net since it is impracticable to determine these amounts separately.

					Classified as	
	June 30, 2020	Additions	Reductions	June 30, 2021	Current	Noncurrent
Other postemployment benefits	\$ 15,498,316	\$ 1,336,634	\$ -	\$ 16,834,950	\$ -	\$ 16,834,950
Compensated absences	407,482	44,716	-	452,198	452,198	-
Note payable	789,343	-	24,500	764,843	-	764,843
Net pension liability	1,057,972	-	1,053,416	4,556	-	4,556
	<u>\$ 17,753,113</u>	<u>\$ 1,381,350</u>	<u>\$ 1,077,916</u>	<u>\$ 18,056,547</u>	<u>\$ 452,198</u>	<u>\$ 17,604,349</u>

**14. COMMITMENTS**

The Regulating District entered into two operating lease agreements in July 2019 for office spaces. The lease agreements require monthly lease payments through July 31, 2021 and September 30, 2021, respectively.

The Regulating District entered into two new space lease agreements for (1) Office location in Watertown, effective August 1, 2021 to July 31, 2024; and (2) Office location in Albany, effective September 1, 2021 to August 31, 2026.

The future minimum lease payments for fiscal years ending June 30 under the terms of these lease agreements are as follows:

2022	\$ 47,575
2023	43,410
2024	44,082
2025	35,747
2026	35,625
Thereafter	5,957

Total rent expense recognized by the Regulating District under the terms of all its office lease agreements was \$50,206 and \$48,876 for the fiscal years ended June 30, 2021 and 2020, respectively.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

Notes to the Consolidated Financial Statements

**15. EMPLOYEE SALARY CHANGES**

**Union Employees**

A significant portion of the Regulating District's employees are covered under a collective bargaining agreement with the Civil Service Employees Administration (CSEA) covering the period from July 1, 2016 to June 30, 2020. During fiscal year 2021, the Regulating District employees were covered under the old agreement while the negotiation was on-going until the new collective bargaining agreement was finalized with the CSEA and ratified by its Board on July 13, 2021.

**16. RISKS AND UNCERTAINTIES**

The COVID-19 pandemic remains a rapidly evolving situation. The extent of the impact of COVID-19 on the District's business and financial results will depend on future developments, including the duration and spread of the outbreak. Due to the rapidly changing business environment, unprecedented market volatility, and other circumstances resulting from the COVID-19 pandemic, the District is currently unable to fully determine the extent of COVID-19's impact on its business in future periods. The District's performance in future periods will be heavily influenced by the timing, length, and intensity of the economic recoveries in the United States. The District continues to monitor evolving economic and general business conditions and the actual and potential impacts on our financial position and results of operations.

**17. SUBSEQUENT EVENTS**

Management has evaluated all events or transactions that occurred September 28, 2021, the date that the financial statements were available to be used. During this period, there were no material subsequent events requiring disclosure.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT  
OF THE STATE OF NEW YORK)**

**SUPPLEMENTAL SCHEDULES  
AS OF AND FOR THE YEAR ENDED  
JUNE 30, 2021**

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT**  
**(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**COMBINING SCHEDULE OF NET POSITION**

**JUNE 30, 2021**

**SCHEDULE I**

	<u>Hudson River</u>	<u>Black River</u>	<u>Total Regulating District</u>
<b>ASSETS</b>			
Current assets			
Cash and cash equivalents	\$ 4,467,458	\$ 1,706,758	\$ 6,174,216
Accounts receivable, net	518,944	8,812	527,756
Intercompany receivable (payable)	(1,539,307)	1,539,307	-
Prepaid expenses	648,994	9,012	658,006
Total current assets	4,096,089	3,263,889	7,359,978
Capital assets, net	2,358,931	233,305	2,592,236
Total assets	6,455,020	3,497,194	9,952,214
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
	533,445	600,579	1,134,024
<b>LIABILITIES</b>			
Current liabilities			
Accounts payable and accrued expenses payable	\$ 65,801	\$ 296	\$ 66,097
Compensated absences	237,891	214,307	452,198
Total current liabilities	303,692	214,603	518,295
Noncurrent liabilities			
Note payable	764,843	-	764,843
Proportionate share of NYS retirement net pension liability	2,143	2,413	4,556
Other post employment benefits	12,368,002	4,466,948	16,834,950
Total noncurrent liabilities	13,134,988	4,469,361	17,604,349
Total liabilities	13,438,680	4,683,964	18,122,644
<b>DEFERRED INFLOWS OF RESOURCES</b>			
	633,676	713,425	1,347,101
<b>NET POSITION</b>			
Net investment in capital assets	2,358,931	233,305	2,592,236
Unrestricted	(9,442,822)	(1,532,921)	(10,975,743)
Total net position	\$ (7,083,891)	\$ (1,299,616)	\$ (8,383,507)

See notes to the consolidated financial statements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT**  
**(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**COMBINING SCHEDULE OF ACTIVITIES AND CHANGES IN NET POSITION**

**YEAR ENDED JUNE 30, 2021**

**SCHEDULE II**

	<b>Hudson River</b>	<b>Black River</b>	<b>Total Regulating District</b>
<b>OPERATING REVENUE</b>			
Assessments	\$ 3,471,296	\$ 902,664	\$ 4,373,960
New York State assessments	827,292	250,000	1,077,292
Water power service	1,404,920	80,766	1,485,686
Permit fees	577,875	-	577,875
Other	<u>414,616</u>	<u>4,460</u>	<u>419,076</u>
Total operating revenue	<u>6,695,999</u>	<u>1,237,890</u>	<u>7,933,889</u>
<b>OPERATING EXPENSES</b>			
Personnel service and employee benefits	1,106,964	1,656,367	2,763,331
Other post-employment benefits	689,351	794,564	1,483,915
Real estate taxes	3,100,400	37,138	3,137,538
Contractual services	584,231	462,449	1,046,680
Depreciation and amortization	204,541	21,041	225,582
Materials and supplies	<u>31,480</u>	<u>17,105</u>	<u>48,585</u>
Total operating expenses	<u>5,716,967</u>	<u>2,988,664</u>	<u>8,705,631</u>
<b>TOTAL OPERATING LOSS</b>	<u>979,032</u>	<u>(1,750,774)</u>	<u>(771,742)</u>
<b>NONOPERATING REVENUE (EXPENSE)</b>			
Interest expense	(40,367)	-	(40,367)
Interest income	4,201	36,824	41,025
Other income and expense	<u>(4,089)</u>	<u>(83)</u>	<u>(4,172)</u>
Total nonoperating revenue (expenses)	<u>(40,255)</u>	<u>36,741</u>	<u>(3,514)</u>
<b>CHANGES IN NET POSITION</b>	938,777	(1,714,033)	(775,256)
<b>NET ASSETS, BEGINNING OF YEAR</b>	(8,022,668)	414,417	(7,608,251)
<b>NET ASSETS, END OF YEAR</b>	<u>\$ (7,083,891)</u>	<u>\$ (1,299,616)</u>	<u>\$ (8,383,507)</u>

See notes to the consolidated financial statements.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**SCHEDULE OF THE REGULATING DISTRICT'S PROPORTIONATE SHARE OF  
THE NEW YORK STATE AND LOCAL RETIREMENT SYSTEM'S  
NET PENSION LIABILITY**

**LAST TEN FISCAL YEARS (1)**

**SCHEDULE III**

*(Dollar amounts in thousands)*

	2021	2020	2019	2018	2017	2016
The Regulating District's proportion of the net pension liability	0.00458%	0.00400%	0.00452%	0.00456%	0.00472%	0.00473%
The Regulating District's proportionate share of the net pension liability	\$ 5	\$ 1,058	\$ 320	\$ 179	\$ 444	\$ 759
The Regulating District's covered-employee payroll	\$ 1,687	\$ 1,842	\$ 1,548	\$ 1,882	\$ 1,444	\$ 1,371
The Regulating District's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	0.30%	57.45%	20.68%	9.51%	30.75%	55.36%
Plan fiduciary net position as a percentage of the total pension liability	99.95%	86.39%	96.27%	98.24%	94.70%	90.70%

(1) The Regulating District implemented GASB 68, *Accounting and Financial Reporting for Pension* in fiscal year 2016. No data is available prior to fiscal year 2016.

(2) Covered-employee payroll represents payroll submitted to the New York State Employee Retirement System during the measurement periods of April 1 to March 31. Covered-employee payroll is the payroll of employees that are provided with pensions through the plan (also known as "pensionable payroll"). Covered-employee payroll may differ from pensionable payroll. Covered-employee payroll includes the total payroll of covered employees on the accrual basis of accounting; this may include overtime and other compensation which have been excluded from the amount on which contributions to the pension plan are based.

Note -The amounts presented for the fiscal year was determined as of March 31 measurement date of the current fiscal year.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**SCHEDULE OF THE REGULATING DISTRICT'S CONTRIBUTIONS**

**LAST TEN FISCAL YEARS (1)**

**SCHEDULE IV**

*(Dollar amounts in thousands)*

	2021	2020	2019	2018	2017
Contractually required contribution	\$ 267	\$ 202	\$ 232	\$ 222	\$ 282
Contributions in relation to the contractually required contribution	<u>267</u>	<u>202</u>	<u>232</u>	<u>222</u>	<u>282</u>
Contributions deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
The Regulating District's covered-employee payroll (2)	\$ 1,687	\$ 1,842	\$ 1,548	\$ 1,882	\$ 1,444
Contributions as a percentage of covered-employee payroll	15.82%	10.97%	14.99%	11.80%	19.53%

(1) The Regulating District implemented GASB 68, *Accounting and Financial Reporting for Pension* in fiscal year 2017. No data is available prior to fiscal year 2017.

(2) Covered-employee payroll represents payroll for the fiscal year ended June 30. Covered-employee payroll is the payroll of employees that are provided with pensions through the plan (also known as "pensionable payroll"). Covered-employee payroll may differ from pensionable payroll. Covered employee payroll includes the total payroll of covered employees on the accrual basis of accounting; this may include overtime and other compensation which have been excluded from the amount on which contributions to the pension plan are based.

Note -The amounts presented for the fiscal year was determined as of March 31 measurement date of the current fiscal year.

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**REQUIRED SUPPLEMENTARY INFORMATION  
SCHEDULE OF CHANGES IN THE REGULATING DISTRICT'S TOTAL  
OPEB LIABILITY AND RELATED RATIOS**

**YEAR ENDED JUNE 30, 2021**

**SCHEDULE V**

**LAST TEN FISCAL YEARS (1)**

	<u>2021</u>	<u>2020</u>
State's Proportionate Share of the Total OPEB liability		
Attributable to the Regulating District's retirees		
Service cost	\$ 351,672	\$ 372,987
Interest	382,008	599,102
Difference between expected and actual experience	1,118,605	(4,015,089)
Changes in assumptions and other inputs	-	-
Benefit payments	<u>(515,651)</u>	<u>(452,638)</u>
Net Change	1,336,634	(3,495,638)
State's Proportionate Share of the Total OPEB liability		
Attributable to the Regulating District's retirees		
At beginning of year	<u>\$ 15,498,316</u>	<u>\$ 18,993,954</u>
At end of year	<u>\$ 16,834,950</u>	<u>\$ 15,498,316</u>
Regulating District's proportionate share of the Total OPEB Liability	0%	0%
Regulating District Covered-employee payroll <sup>(2)</sup>	\$ 1,686,615	\$ 1,841,677
Total State OPEB liability as a percentage of Regulating District covered-employee payroll	998.15%	841.53%

Note - The amounts presented for the fiscal year was determined as of June 30 measurement date of the prior fiscal year.

(1) The Regulating District implemented GASB 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* in fiscal year 2020. No data is available prior to fiscal year 2020.

(2) Covered payroll was based on the Regulating District's annual payroll.





**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL  
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT  
OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH  
GOVERNMENT AUDITING STANDARDS**

**To the Board of Directors  
Hudson River-Black River Regulating District**

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the Hudson River-Black River Regulating District, (the "Regulating District"), which comprise the consolidated statement of financial position as of June 30, 2021 and the related consolidated statements of activities and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated September 28, 2021.

***Internal Control Over Financial Reporting***

In planning and performing our audit of the financial statements, we considered the Regulating District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purposes of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Regulating District's internal control. Accordingly, we do not express an opinion on the effectiveness of the Regulating District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

### ***Compliance and Other Matters***

As part of obtaining reasonable assurance about whether the Regulating Districts's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that are required to be reported under *Government Auditing Standards*.

### ***Purpose of this Report***

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

**Galleras Robinson CPAs, LLP**

New York, New York  
September 28, 2021

**HUDSON RIVER-BLACK RIVER REGULATING DISTRICT  
(A DISCRETELY PRESENTED COMPONENT UNIT OF THE STATE OF NEW YORK)**

**SCHEDULE OF FINDINGS AND QUESTIONED COSTS**

**JUNE 30, 2021**

**CURRENT YEAR**

None noted

**PRIOR YEAR**

**Finding 2020-001**

*Summary of Condition and Recommendation*

An incorrect pay-out for sick leave to a retiree was noted. It was recommended that the Regulating District verifies service and employment dates on Board resolutions and personnel file information with the New York State and Local Retirement System to ensure that pay-outs are properly calculated in all cases.

*Current Status*

No similar finding noted, and prior corrective action implemented.

Section 15-2131, SUBDIVISION 1, c.

A STATEMENT OF ANY PETITIONS RECEIVED BY THE BOARD  
AND THE ACTION TAKEN THEREON

To: The Board of the Hudson River-Black River Regulating District  
From: Robert Leslie, General Counsel  
Date: April 1, 2022  
Re: Annual Counsel's Report  
January 1, 2021 through December 31, 2021  
Compiled pursuant to Environmental  
Conservation Law (ECL) §15-2131(1)(c) and (2)

STATEMENT OF PETITIONS RECEIVED (ECL §15-2131(1)(c))

None.

OTHER MATTERS OF INTEREST (ECL §1-2131(2))

1. Freedom of Information Law (FOIL) Requests

- a. The Regulating District received nineteen (19) FOIL requests during the reporting period.
- b. The Regulating District processed each request in accordance with the Public Officers Law and the information sought, if available, was provided to the requesting party in a manner consistent with the Regulating District's statutory obligations.
- c. The Regulating District granted nineteen (19) requests. Zero (0) requests were denied. There were zero (0) appeals.

Respectfully Submitted,  
Robert Leslie  
General Counsel

## HUDSON RIVER AREA

### MAINTENANCE AND OPERATION

#### Facilities

The Hudson River – Black River Regulating District operates and maintains two river regulating reservoirs in the Upper Hudson River basin, including the Great Sacandaga Lake reservoir and the Indian Lake reservoir. These facilities comprise two dams, including the Conklingville Dam and the Indian Lake Dam.

#### Maintenance and Operation

Regulating District personnel maintained facilities at the Conklingville, Indian Lake and Sacandaga field offices. Activities included building maintenance and grounds maintenance.

The field staff maintained, repaired and operated the Regulating District marine equipment, motor vehicles, construction equipment, and small machinery.

#### Reservoir Maintenance and Operation

Regulating District personnel performed the following operation activities and routine maintenance:

- Dam, spillway, and outlet structure facility maintenance,
- Installation of shoreline stabilization and erosion control measures,
- Grounds maintenance at embankment dams,
- Posting of notice and trespassing signs,
- Removal and disposal of litter and debris found on reservoir lands,
- Operation and maintenance of precipitation gauges,
- Maintenance and operation of stream gauges,
- Clearing reservoir shoreline of stumps, driftwood and debris,
- Cutting and removal of downed tree.

Conklingville Dam staff performed routine maintenance work, including the reading and inspection of elevation gauges at Conklingville and Indian Lake Dam, and Stewarts Bridge, Hadley, and Indian River gauge.

The Regulating District collected meteorological and hydrological information at various locations within the Hudson River watershed. Data collection and precipitation station maintenance was performed in cooperation with the United States Geological Survey (USGS) and the National Weather Service (NWS). Meteorological and hydrological information collected by the Regulating District are published in National Weather Service and the United States Geological Survey documents and used by the NWS in the forecasting of flood conditions.

Collection of hydraulic data, and maintenance and operation of stream gauging stations on the Sacandaga and Hudson River watersheds, was performed in cooperation with the United States Geological Survey.

A website containing stream flow and reservoir elevation, as well as forecast reservoir releases is maintained by the Regulating District and made available to the public at <http://www.hrbrrd.ny.gov>.

The Regulating District maintained an internet web page to provide additional public access to information about the Regulating District, and its operations, and links to river flow and reservoir elevation related web sites.

#### Great Sacandaga Lake Access Permit System

The Hudson River – Black River Regulating District Board adopted the current rules for the Access Permit System, entitled “Rules and Regulations Governing the Use, Operation, and Maintenance of Great Sacandaga Lake,” by resolution dated October 19, 1992. As required by the Regulating District’s enabling legislation, the Department of Environmental Conservation approved the current rules on July 13, 1992. The rules became effective on January 27, 1993.

The Regulating District issues permits for access to the Great Sacandaga Lake reservoir and buffer land in accordance with the Rules and Regulations.

Regulating District personnel performed the following activities:

- Administration of Access Permit System,
- Process permit renewals,
- Process new permit applications,
- Process work permits,
- Survey and delineation of permit areas,
- Preparation of permit stakes and signs,
- Identifying and field investigating property encroachments,
- Process State Environmental Quality Review (SEQR) work permits,
- Survey maintenance of 125 miles of State property line,
- Cleared approximately 26,000 feet of property line (taking line),
- Replacement / relocation of survey monuments

During the calendar year 2021, the Regulating District issued 263 new permits, 4,870 access permit renewals and 501 work permits. Revenue derived from the access permit system totaled \$575,860.

Regulating District field staff placed 106.2 tons of shoreline erosion protection stone (riprap), and repaired approximately 135 feet of shoreline erosion protection to minimize shoreline erosion.

Sacandaga field office personnel identified and investigated State of New York property encroachments and violations of the Regulating District's rules and regulations by reservoir access

permit holders. Field office staff continually inspected the State property line (taking line) to locate, control, and eliminate property line encroachment problems.

The Regulating District continued its cooperation with the United States Army Corps of Engineers (ACE), New York State Department of Environmental Conservation (DEC), and the Adirondack Park Agency (APA) in control of various construction projects, proposed by reservoir access permit holders, which occur on reservoir land within the Regulating District's jurisdiction. Under an agreement with the Board, the Department of Environmental Conservation issues a "blanket permit" to the District for certain projects requiring Article 15 approval at the Great Sacandaga Lake. This permit can then be reissued to access permit holders for reservoir-related projects involving activities that do not exceed certain environmental threshold limits. This permitting process eliminates duplication of effort by both agencies. The Board refers projects, which may require approval by the Adirondack Park Agency or the Army Corp of Engineers, to the APA or ACE for jurisdictional determination and review, prior to Regulating District approval.



## STATEMENT OF CONDITION AND OPERATION OF GREAT SACANDAGA LAKE

### Reservoir Elevation

The daily average elevation of the Great Sacandaga Lake (Sacandaga Reservoir) on January 1, 2021 was 756.71 feet (NAVD 88). During the period ending December 31, 2021, the reservoir elevation varied from a minimum of 749.37 feet on March 10, 2021, to a maximum of 768.13 feet on July 31, 2021. The reservoir elevation averaged approximately 3.44 feet above the long-term average on January 1, 0.45 feet below the long-term average on July 1, 2021 and averaged approximately 5.44 feet above the long-term average on December 31, 2021. The daily average elevation of the Great Sacandaga Lake on December 31, 2021 was 758.89 feet.

Figure 1 shows the elevation of the Great Sacandaga Lake during 2021, the historic and target elevation, and the mandated minimum operating elevation.

### Precipitation and Inflow

Precipitation was approximately 79% of historic average during the first half of the year, and approximately 130% of historic average during the second half of 2021.

Snow surveys were conducted during the period January through April 2021. Snow-pack water content measured 69% of historic average in January and 39% of historic average in March.

Inflow during the period January through June 2021 was approximately 61% of historic average. Monthly average inflow for the months of July through December 2021 varied from approximately 101% to 402% of historic average.

Total inflow to the reservoir was 68.76 billion cubic feet for the year ending December 31, 2021, and was 99% of the average annual inflow of 69.57 billion cubic feet.

Table 1 - 4 detail the regulation of the Hudson River by the Great Sacandaga Lake and Indian Lake reservoir and presents a summary of precipitation and snowfall, inflow, and regulation, respectively.

Figure 2 indicates the precipitation measured at Northville during the period January 1 to December 31, 2021. Figure 3 reflects the inflow to the reservoir during the period January 1 to December 31, 2021.

### Reservoir Release and Storage

A total of 66.74 billion cubic feet of water was released from the reservoir during 2021. Daily water releases for the purpose of augmenting the natural Hudson River flow occurred during approximately 83% of the year. The release of water from the reservoir was suspended for approximately 62 days. The reservoir stored approximately 19.26 billion cubic feet of water during the spring refilling through June 1. In general, reservoir operation supplemented the flow

in the Hudson River and provided base flow conditions consistent with the requirements of the Upper Hudson / Sacandaga River Offer of Settlement.

Figure 4 indicates the regulated flow of the Hudson River, below the confluence with the Sacandaga River, at Spier Falls.

#### Federal Energy Regulatory Commission

The Regulating District operates the Great Sacandaga Lake under the terms of the Upper Hudson / Sacandaga River Offer of Settlement and a license (P-12252-NY) from the Federal Energy Regulatory Commission. The Offer of Settlement establishes long-term environmental protection measures that will meet, and balance, the diverse power and non-power objectives of the parties involved. The Great Sacandaga Lake will remain a federally licensed project through 2042.

An annual safety inspection of the Conklingville Dam was conducted by Regulating District's Chief Engineer and Mr. James Huang, P.E. of the Federal Energy Regulatory Commission on August 17, 2021.

## STATEMENT OF CONDITION AND OPERATION OF INDIAN LAKE RESERVOIR

### Reservoir Elevation

The daily average elevation of Indian Lake Reservoir on January 1, 2021 was 1644.07 feet (NAVD 88). During the period ending December 31, 2021, the reservoir elevation varied from a minimum of 1637.02 feet on March 12, 2021, to a maximum of 1651.38 feet on July 21, 2021. The reservoir elevation averaged approximately 1.07 feet below the long-term average on January 1, 0.41 feet below the long-term average on July 1, and averaged approximately 0.09 feet below the long-term average on December 31. The daily average elevation of the Indian Lake Reservoir on December 31, 2021 was 1642.90 feet.

Figure 5 shows the historic average reservoir elevation and the elevation of the reservoir during 2021.

### Precipitation and Inflow

Precipitation was approximately 83% of historic average during the first half of the year, and approximately 37% higher than historic average during the second half of 2021.

Snow surveys were conducted during the period January through April 2021. Snow-pack water content measured 39% below historic average at the end of January and 47% below historic average at the end of March.

Inflow during the period January through June 2021 was approximately 65% of historic average. Monthly average inflow for the months of July through December 2021 varied from approximately 81% to 438% of historic average.

Total inflow to the reservoir was 9.95 billion cubic feet for the year ending December 31, 2021, and was 99% of the average annual inflow of 10.10 billion cubic feet.

Figure 6 indicates the precipitation measured at Indian Lake Dam during the period January 1 to December 31, 2021. Figure 7 reflects the inflow to the reservoir during the period January 1 to December 31, 2021.

### Reservoir Release and Storage

A total of 10.15 billion cubic feet of water was released from the reservoir during 2021. Release of water for river augmentation occurred during 100% of the year.

A minimum release of approximately 60 cubic feet per second occurred April 9 to May 3. A maximum release of 1100 cubic feet per second occurred on July 22, 2021.

A safety inspection of the Indian Lake Dam was conducted by the Dam Safety Section of the Department of Environmental Conservation on November 5, 2020 and a visual inspection was completed by the Regulating District's Chief Engineer on September 20, 2021.

# **TABLE 1** **HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**

## **PRECIPITATION ON SACANDAGA WATERSHED**

MONTH	CONKLINGVILLE		MAYFIELD	
	MONTHLY TOTAL	HISTORIC AVERAGE	MONTHLY TOTAL	HISTORIC AVERAGE
( INCHES)				
<u>2021</u>				
JANUARY	2.29	3.41	2.23	3.51
FEBRUARY	2.58	2.97	2.50	2.97
MARCH	2.07	3.68	1.98	3.67
APRIL	3.84	3.74	3.17	3.85
MAY	2.41	3.64	3.18	3.98
JUNE	5.81	3.93	4.43	4.07
JULY	11.35	3.95	10.24	4.00
AUGUST	3.94	3.88	3.75	4.06
SEPTEMBER	4.98	3.71	4.26	4.07
OCTOBER	7.09	3.70	7.19	4.05
NOVEMBER	2.94	3.81	2.31	3.72
DECEMBER	3.04	3.81	3.29	3.90
TOTAL (Year: Jan - Dec)	52.34	44.23	48.53	45.85

## **SACANDAGA WATERSHED SNOW SURVEY**

DATE	AVGERAGE DEPTH OF SNOW	WATER CONTENT OF SNOW	
	(INCHES)	(INCHES)	(B.C.F.)
<u>2021</u>			
January 4 - 6	6.2	1.26	3.23
January 18 - 20	10.0	2.03	5.21
February 1 - 3	13.9	2.80	7.11
February 15 - 17	17.5	3.61	8.89
March 1 - 3	18.0	4.61	11.55
March 15 - 17	12.9	3.98	10.14
March 29 - 31	0.7	0.22	0.73

## TABLE 2 HUDSON RIVER - BLACK RIVER REGULATING DISTRICT

### PRECIPITATION ON INDIAN LAKE WATERSHED

MONTH	INDIAN LAKE MONTHLY HISTORIC TOTAL AVERAGE ( INCHES)	
<u>2021</u>		
JANUARY	2.26	2.90
FEBRUARY	2.43	2.32
MARCH	2.20	3.09
APRIL	5.20	3.50
MAY	1.50	3.89
JUNE	2.99	4.22
JULY	10.33	4.08
AUGUST	7.09	3.83
SEPTEMBER	3.26	3.79
OCTOBER	4.62	4.53
NOVEMBER	2.44	3.40
DECEMBER	3.38	3.16
TOTAL (Year: Jan - Dec)	47.70	42.71

### INDIAN LAKE WATERSHED SNOW SURVEY

DATE	AVGERAGE DEPTH OF SNOW (INCHES)	WATER CONTENT OF SNOW (INCHES) (B.C.F.)	
<u>2021</u>			
January 4 - 6	6.7	1.40	0.45
January 18 - 20	13.7	2.28	0.71
February 1 - 3	15.2	3.80	1.07
February 15 - 17	20.7	4.50	1.39
March 1 - 3	20.7	5.20	1.58
March 15 - 17	16.2	5.00	1.52
March 29 - 31	2.2	0.95	0.15

**TABLE 3**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**

**INFLOW TO GREAT SACANDAGA LAKE**  
**(FORMERLY SACANDAGA RESERVOIR)**

MONTH	INFLOW (B.C.F.)	HISTORIC AVERAGE INFLOW (B.C.F.)	PERCENT OF AVERAGE (%)
<u>2021</u>			
JANUARY	3.00	5.01	60
FEBRUARY	1.69	3.83	44
MARCH	9.76	9.39	104
APRIL	7.87	17.38	45
MAY	4.30	8.12	53
JUNE	2.53	3.92	65
JULY	8.78	2.19	402
AUGUST	5.64	1.53	368
SEPTEMBER	3.07	2.03	151
OCTOBER	8.23	4.10	201
NOVEMBER	6.50	5.99	109
DECEMBER	7.38	6.09	121
TOTAL	68.76	69.57	99

**TABLE 4**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**  
**REGULATION OF THE HUDSON RIVER - GREAT SACANDAGA LAKE**  
**(FORMERLY SACANDAGA RESERVOIR)**

MONTH	ELEVATION OF RESERVOIR WATER SURFACE (DAILY AVERAGE) (NAVD 88) (4)	DAILY RELEASE (AVERAGE) (C.F.S.) (1)	SPIER FALLS COMPUTED NATURAL FLOW (AVERAGE) (C.F.S.) (2)	SPIER FALLS REGULATED FLOW (AVERAGE) (C.F.S.) (3)
<a href="#">2021</a>				
JANUARY	750.54	3378	3063	5320
FEBRUARY	749.61	1019	1895	2215
MARCH	756.47	1096	7253	4706
APRIL	762.85	493	7920	5375
MAY	765.56	578	4894	3865
JUNE	764.86	1278	2096	2399
JULY	768.13	1915	7955	6590
AUGUST	764.80	3549	6077	7520
SEPTEMBER	761.43	2585	3320	4721
OCTOBER	761.32	3012	5692	5632
NOVEMBER	760.94	2762	7332	7586
DECEMBER	758.89	3579	6630	7455

(1) This is the flow of the Sacandaga River at Stewart's Bridge near Hadley, N.Y.

(2) Includes Indian Lake Regulation; sum of GSL net inflow and Hudson River at Hadley.

(3) Sum of GSL release and Hudson River at Hadley.

(4) Daily average on last day of the month

## Hudson River - Black River Regulating District

### GREAT SACANDAGA LAKE

RESERVOIR ELEVATION JANUARY 2021 - DECEMBER 2021

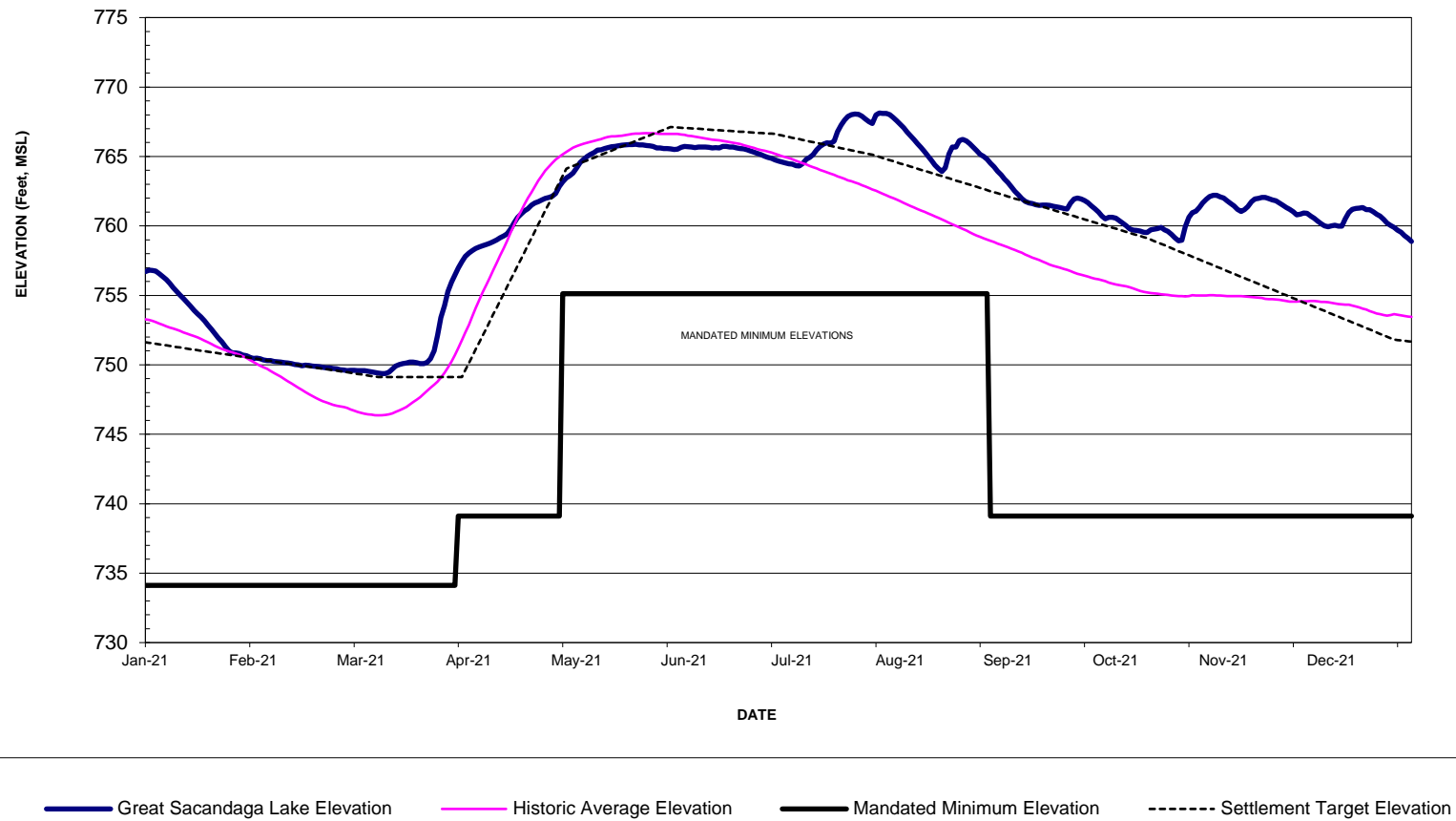


Figure 1



## Hudson River - Black River Regulating District

### GREAT SACANDAGA LAKE

PRECIPITATION JANUARY 2021 - DECEMBER 2021

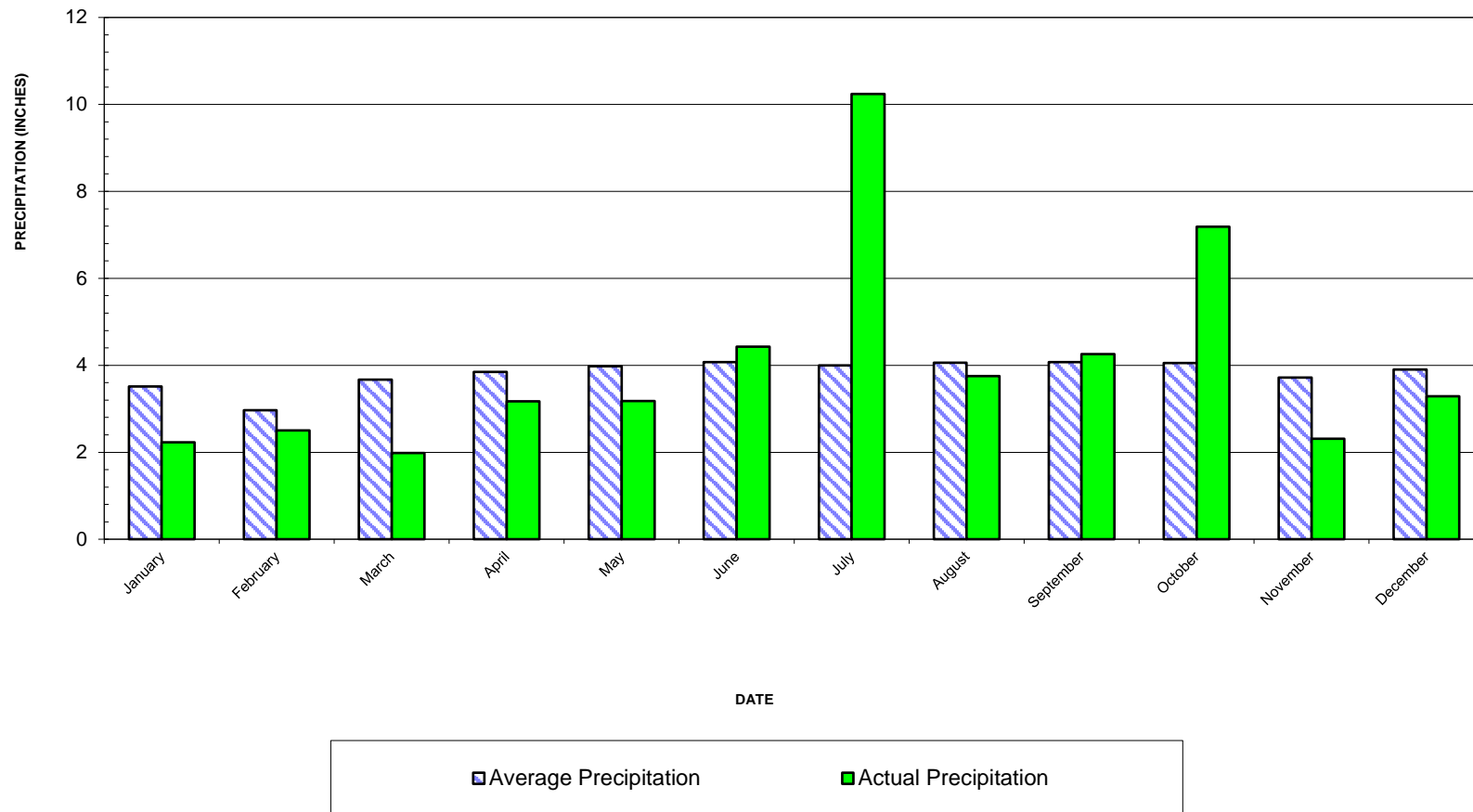


Figure 2

## Hudson River - Black River Regulating District

### GREAT SACANDAGA LAKE

INFLOW JANUARY 2021 - DECEMBER 2021

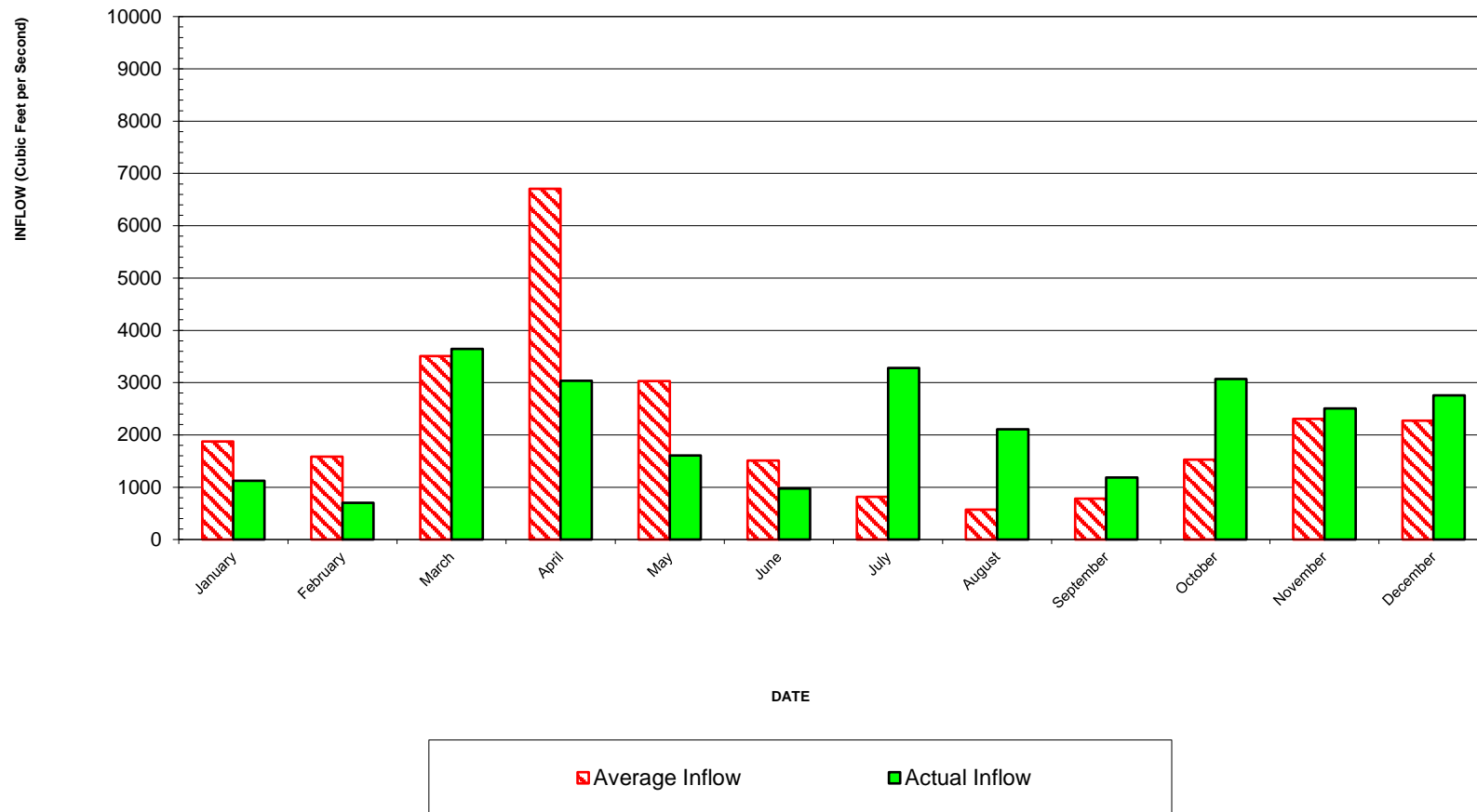


Figure 3

## Hudson River - Black River Regulating District

### GREAT SACANDAGA LAKE

HUDSON RIVER FLOW AT SPIER FALLS JANUARY 2021 - DECEMBER 2021

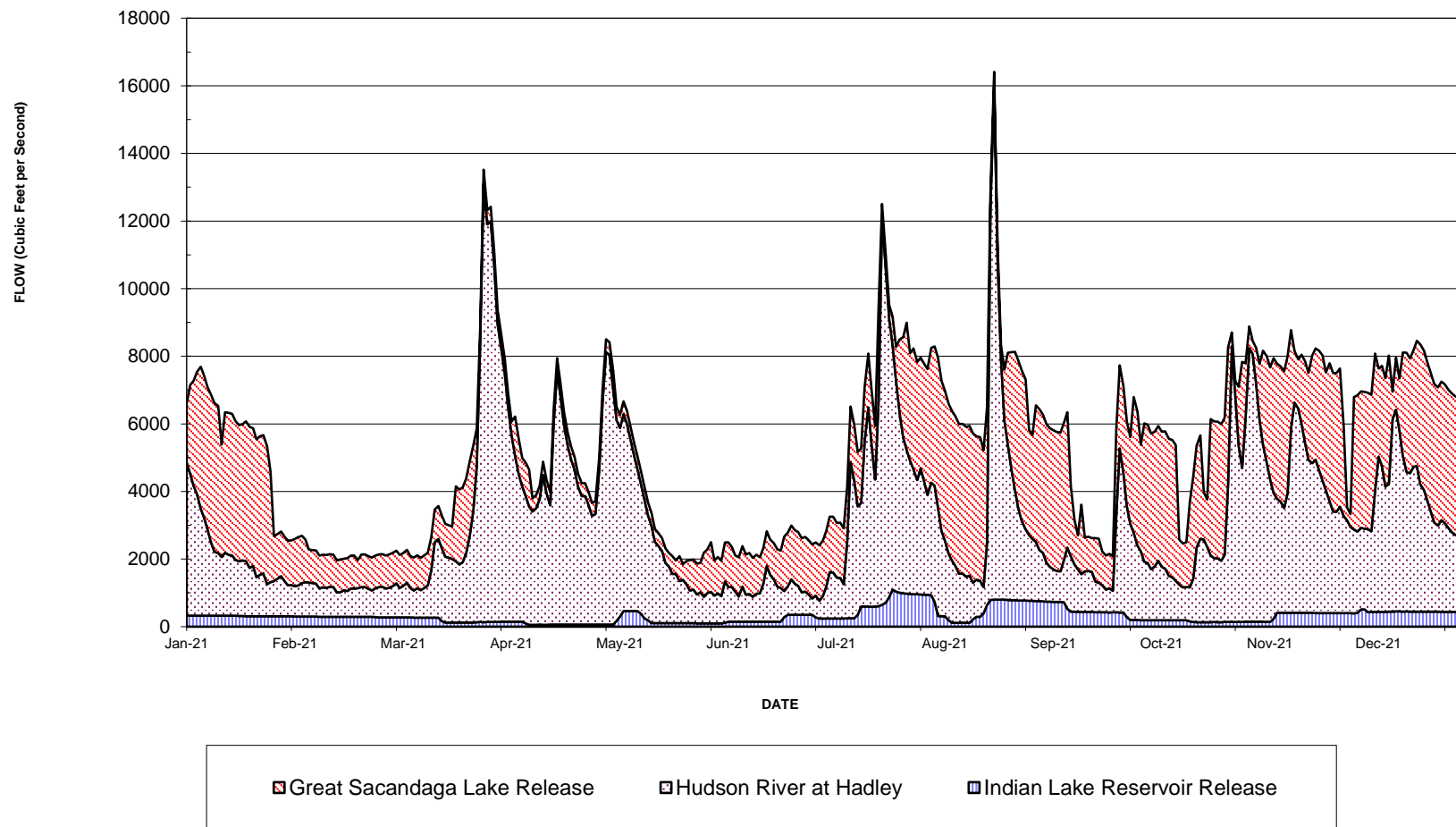


Figure 4

## Hudson River - Black River Regulating District

### INDIAN LAKE RESERVOIR

RESERVOIR ELEVATION JANUARY 2021 - DECEMEBR 2021



Figure 5

## Hudson River - Black River Regulating District

### INDIAN LAKE RESERVOIR

PRECIPITATION JANUARY 2021 - DECEMBER 2021

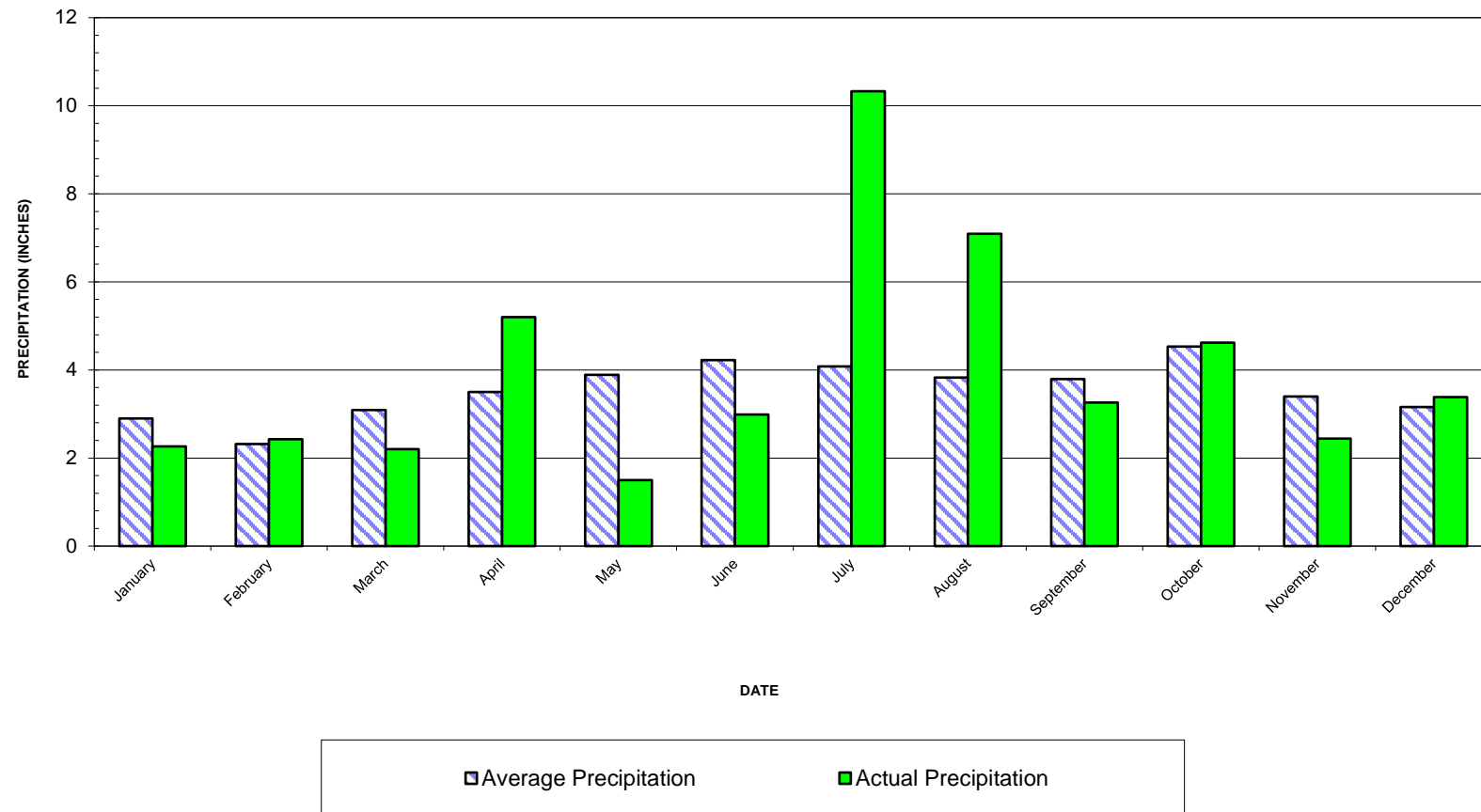
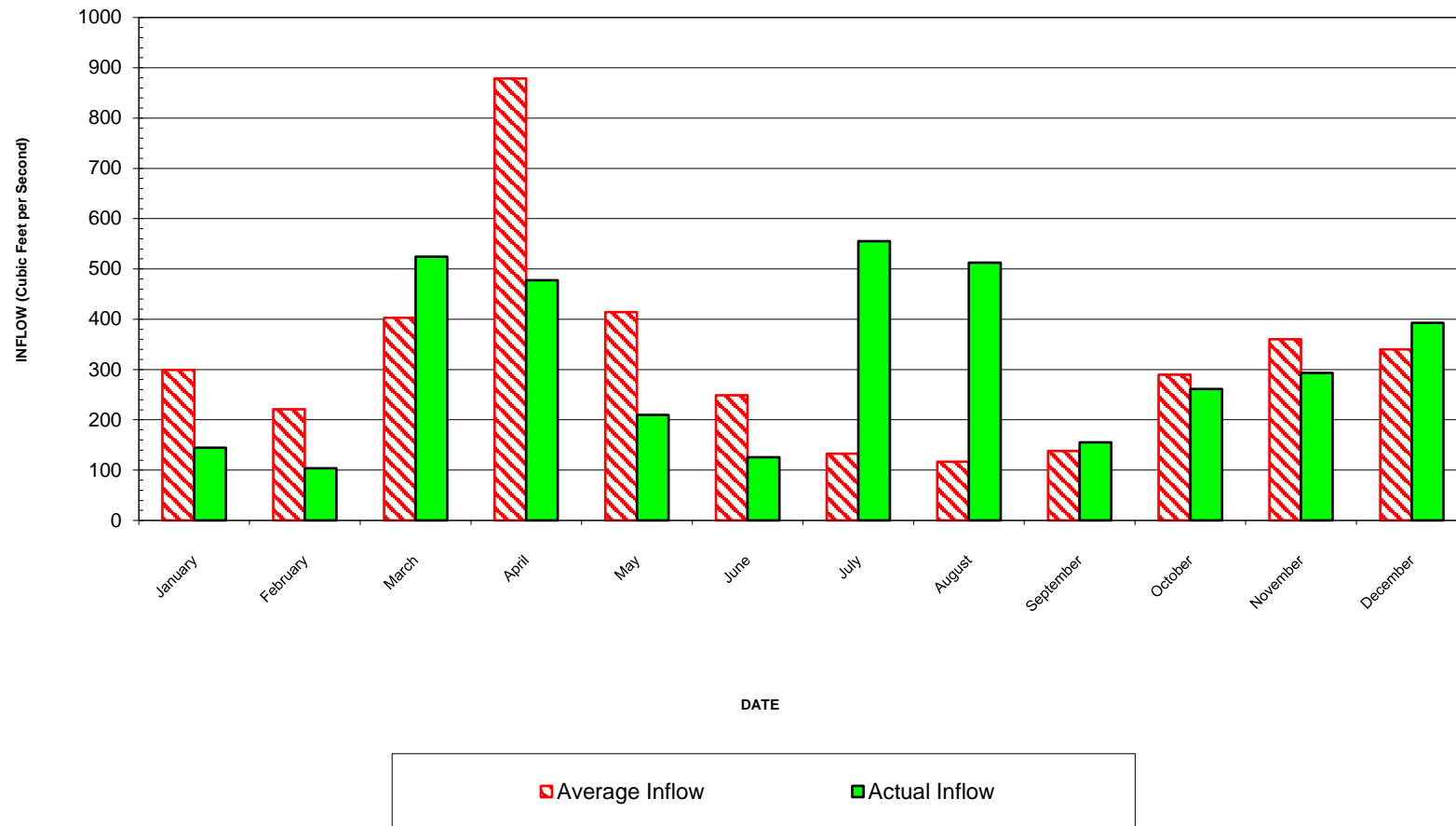


Figure 6

## Hudson River - Black River Regulating District

### INDIAN LAKE RESERVOIR

INFLOW JANUARY 2021 - DECEMBER 2021



Net inflow including evaporation and transpiration

Figure 7

## BLACK RIVER AREA

### MAINTENANCE AND OPERATION

#### Facilities

The Hudson River – Black River Regulating District operates and maintains three river regulating reservoirs in the Black River basin, including the Stillwater reservoir, Sixth Lake reservoir, and Old Forge reservoir. These facilities comprise four dams, including the Stillwater Dam, Sixth Lake Dam, and the Old Forge Dam, as well as the Hawkinsville Dam.

#### Maintenance and Operation

Regulating District personnel maintained facilities at the Stillwater, Sixth Lake, Old Forge, Hawkinsville, Black River Field Office and Black River Area Office. Activities included building maintenance and grounds maintenance.

The field staff maintained, repaired and operated the Regulating District marine equipment, motor vehicles, construction equipment, small machinery and hand tools.

Black River Field Office staff performed routine maintenance work including the reading and inspection of elevation gauges at Stillwater Dam, Sixth Lake, Old Forge, McKeever, Hawkinsville, and Boonville. Collection of hydrologic data, and maintenance and operation of stream gauging stations in the Black River Watershed on the Black, Beaver and Moose Rivers, as well as the Fulton Chain of Lakes, was performed in cooperation with the United States Geological Survey (USGS). Meteorological, precipitation, and hydrological information collected by the Regulating District is published in National Weather Service and USGS documents and is used by the NWS in the forecasting of flood conditions.

#### Reservoir Maintenance and Operation

Regulating District personnel performed the following operation activities and routine maintenance:

- Grounds maintenance at embankment dams
- Daily observations and data collection, dam safety inspections
- Posting of notice, safety warning, and no trespassing signs
- Removal and disposal of litter and debris found on reservoir lands
- Vegetation maintenance, control and removal at dams and spillways
- Maintenance and repair of safety equipment and structures
- Maintenance of danger buoys and log booms
- Maintenance and improvements at ten Regulating District buildings
- Access road repairs

Field staff maintain approximately one mile of Necessary Dam Road and right-of-way which serves as primary access to the Stillwater Dam. Regulating District staff provides resurface

maintenance during the summer as well as winter snow removal. Additionally, the Regulating District maintained the 1/8<sup>th</sup> mile road from the Evergreen Bridge to the North Embankment Dam area adjacent to the Stillwater Dam, including the placement of gravel, shaping and forming the road surface. Culverts on both roads were kept clear and maintained.

Regulating District personnel also responded to power outages and unscheduled shutdowns of the Stillwater hydroelectric plant adjacent to the Regulating District's dam, operated gates at the dam to provide water to down-river beneficiaries until the hydroelectric facility was available to discharge water.

Daily maintenance was performed including daily dam safety observations, reservoir elevation readings and changes in release of water as directed by the Chief Engineer. Piezometer and weir measurements were taken at a frequency which is dependent upon the reservoir elevation.

Regulating District staff participated in workplace, and health and safety training.

Daily elevation records were maintained to provide weekly and monthly tables and graphs that compare the daily elevations to the target elevations and the long-term average elevations.



## STATEMENT OF CONDITION AND OPERATION OF STILLWATER RESERVOIR

### Reservoir Elevation

The daily average elevation of the Stillwater Reservoir on January 1, 2021 was at 1,668.38 feet. During the year ending December 2021, the reservoir elevation varied from a minimum of 1,661.51 feet on March 11, 2021, to a maximum of 1,678.35 feet on May 27, 2021. The reservoir elevation averaged approximately 2.71 feet below the long-term average on January 1, 1.50 feet below the long-term average on July 1, and approximately 0.53 feet below the long-term average on December 31, 2021. The daily average elevation of the Stillwater Reservoir on December 31, 2021 was 1670.56 feet.

Figure 1 shows the elevation of Stillwater Reservoir during 2021, the historic average and operation elevation.

### Precipitation and Inflow

Precipitation was approximately 16% below historic average during the first half of the year, and approximately 25% above the historic average during the second half of 2021.

Snow surveys were conducted during the period January through April 2021. Snow-pack water content measured 95% of historic average at the end of January and 17% of historic average at the end of March.

Inflow during the period January through June 2021 was approximately 63% of historic average. Daily average inflow for the months of July through December 2021 varied from approximately 94% to 228% of historic average.

Total inflow to the reservoir was 11.61 billion cubic feet for the year ending December 2021, which was 86% of the average annual inflow of 13.51 billion cubic feet.

Table 1 - 3 detail the regulation of the Black River by the Stillwater Reservoir and presents a summary of precipitation and snowfall, inflow, and regulation, respectively.

Figure 2 indicates the precipitation measured at Stillwater during the period January 1, to December 31, 2021. Figure 3 reflects the inflow to the reservoir during the period January to December 31, 2021.

### Reservoir Release and Storage

A total of 11.24 billion cubic feet of water was released from the reservoir during 2021. Daily water releases occurred during approximately 85% of the year. The release of water from the reservoir was suspended for a total of approximately 55 days. The reservoir stored approximately 3.36 billion cubic feet of water during the spring refilling.

Figure 4 indicates the regulated flow of the Black River at Watertown.

### Federal Energy Regulatory Commission

The Regulating District operates the Stillwater Dam subject to license exemption P-6743-NY from the Federal Energy Regulatory Commission (FERC). A safety inspection of the Stillwater Dam was conducted the Regulating District's Chief Engineer and FERC staff on September 28, 2021.

## STATEMENT OF CONDITION AND OPERATION OF SIXTH LAKE RESERVOIR

### Reservoir Operation

The elevation of Sixth Lake Reservoir on January 1, 2021 was 1,782.75 feet. During the year ending December 2021, the reservoir elevation varied from a minimum of 1780.09 feet on March 11, 2021, to a maximum of 1,786.84 feet on August 19, 2021. On December 31, 2021 the reservoir elevation was 1,781.02 feet.

Figure 5 represents the reservoir elevation during the reporting year.

### Precipitation and Inflow

Precipitation was approximately 21% below historic average during the first half of the year, and approximately 29% above historic average during the second half of 2021.

Total inflow to the reservoir was 1.40 billion cubic feet for the year ending December 2021.

Figure 7 indicates the precipitation that occurred at Sixth Lake Reservoir during the period January 1, 2021 to December 31, 2021. Figure 8 reflects the inflow to the reservoir during the period January to December 31, 2021.

### Reservoir Release and Storage

A total of 1.46 billion cubic feet of water was released from the reservoir during 2021. Release of water from the reservoir for augmentation occurred approximately 84% of the year. The release of water from the reservoir was suspended for a total of approximately 59 days. The reservoir stored approximately 0.17 billion cubic feet of water during the spring refilling.

### Maintenance

During the year staff completed several maintenance and repair projects at the gate house.

Daily maintenance and routine inspections were performed including cleaning of debris and wildlife from trash racks, ice removal from gate intake area, daily reservoir elevation readings, and gate changes as directed by the Chief Engineer.

The Department of Environmental Conservation Division Dam Safety conducted an inspection on May 13, 2021. The Regulating District Chief Engineer performed a visual safety inspection on October 20, 2021.

## STATEMENT OF CONDITION AND OPERATION OF OLD FORGE RESERVOIR

### Reservoir Operation

The elevation of Old Forge Reservoir on January 1, 2021 was 1,705.23 feet. During the year the reservoir elevation varied from a minimum of 1,703.04 feet on March 1, 2021, to a maximum of 1,707.58 feet on August 20, 2021. On December 31, 2021 the reservoir elevation was 1,704.46 feet.

Figure 5 represents the reservoir elevation during the reporting year.

### Precipitation and Inflow

Precipitation was approximately 11% below historic average during the first half of the year, and approximately 27% above historic average during the second half of 2021.

Total inflow to the reservoir was 3.30 billion cubic feet for the year ending December 2021.

Figure 7 indicates the precipitation that occurred at Old Forge Reservoir during the period January 1, 2021 to December 31, 2021. Figure 8 reflects the inflow to the reservoir during the period January to December 31, 2021.

### Reservoir Release and Storage

A total of 3.42 billion cubic feet of water was released from the reservoir during 2021. Release of water from the reservoir for augmentation occurred approximately 92% of the year. The release of water from the reservoir was suspended for approximately 28 days. The reservoir stored approximately 0.49 billion cubic feet of water during the spring refilling.

### Maintenance

During the year staff completed several maintenance and repair projects at the gate house.

Daily maintenance and routine inspections were performed including cleaning of debris and wildlife from trash racks, ice removal from gate intake area, daily reservoir elevation readings and gate changes as directed by the Chief Engineer. Inspection, maintenance and reporting of the downstream river gauge were also performed.

The Chief Engineer performed a visual safety inspection on October 20, 2021.

## STATEMENT OF CONDITION AND OPERATION OF HAWKINSVILLE DAM

### Reservoir Operation

The Hawkinsville Dam is operated as run-of-river facility. No management of the water impounded by the dam is required. The elevation of the Black River upstream of the dam is controlled by the discharge characteristics of a 300 foot long spillway. Impoundment elevation varies with the flow of the Black River. No storage capacity for flood protection or augmentation is available at the dam.

### Maintenance

Routine maintenance and inspection activities occurred throughout the reporting year by the Administrator and maintenance staff. No major repairs or maintenance were necessary during the year.

## STATEMENT OF OPERATION OF BLACK RIVER AREA OFFICE

District personnel at the Black River Area Office in Watertown performed the following administrative duties in support of the Black River Administrator and field personnel at the Black River Field Office:

- On a daily basis, receive data pertaining to reservoir elevations, water releases and weather observations; then record and transmit information to the Chief Engineer
- On a weekly basis, collect precipitation data from observers at Beaver Falls, Big Moose, Black River, Chases Lake, Hooker, Highmarket, Lowville, Old Forge, Stillwater, Sixth Lake, and Taylorville; then compile and transmit the information to the National Weather Service. Coordinate any equipment repairs and supply needs of the weather observers with NWS.
- Monitor equipment function and notify USGS of any problems.
- Keep spreadsheets for historical records of: reservoir elevations, stream flow, piezometer readings, precipitation, pH data and snow depth data
- Review piezometer data received from the Black River Field Office and transmit to the Operations Engineer.
- Communicate with Stillwater Hydro facility operating personnel regarding release changes at their hydroelectric plant at the Stillwater Reservoir as directed by the Chief Engineer. Coordinate changes with the Black River Field Office personnel. Notified Brookfield Renewable Power of reservoir release changes.
- Communicate with the gatekeepers at Old Forge and Sixth Lake regarding gate changes requested by the Chief Engineer.

# TABLE 1 HUDSON RIVER - BLACK RIVER REGULATING DISTRICT

## PRECIPITATION ON BLACK RIVER WATERSHED

MONTH	STILLWATER RES.		SIXTH LAKE		OLD FORGE	
	MONTHLY TOTAL	HISTORIC AVERAGE	MONTHLY TOTAL	HISTORIC AVERAGE	MONTHLY TOTAL	HISTORIC AVERAGE
( INCHES)						
<u>2021</u>						
JANUARY	3.71	3.77	2.63	3.58	3.33	4.24
FEBRUARY	2.28	2.81	2.02	2.63	2.82	3.10
MARCH	3.09	3.32	2.29	3.25	3.12	3.56
APRIL	3.88	3.80	3.82	3.55	3.87	3.90
MAY	2.38	4.39	1.91	3.93	2.79	4.33
JUNE	3.87	4.90	4.05	4.26	5.18	4.52
JULY	7.90	4.47	10.68	4.59	11.14	4.53
AUGUST	10.08	4.62	6.77	4.19	7.21	4.50
SEPTEMBER	3.60	5.00	3.10	3.98	3.24	4.78
OCTOBER	5.36	5.16	5.62	4.78	5.90	5.17
NOVEMBER	4.20	4.33	2.98	3.90	3.99	4.53
DECEMBER	3.56	4.29	3.36	3.72	4.15	4.58
TOTAL	53.91	50.86	49.23	46.36	56.74	51.74
(Year: Jan. - Dec.)						

## BLACK RIVER WATERSHED SNOW SURVEY

DATE	SURVEY DATA		HISTORIC AVERAGE	
	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
<u>2021</u>				
January 4 - 6	7.0	1.3	13.0	2.6
January 18 - 20	19.8	2.9	16.0	3.1
February 1 - 3	21.4	4.5	18.6	4.4
February 15 - 17	25.7	5.9	23.0	5.6
March 1 - 3	23.0	6.2	21.5	6.0
March 15 - 17	15.8	5.0	20.3	6.0
March 29 - 31	2.5	0.7	12.3	4.2

**TABLE 2**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**  
**INFLOW TO STILLWATER RESERVOIR**

MONTH	INFLOW (B.C.F.)	HISTORIC AVERAGE INFLOW (B.C.F.) (1)	PERCENT OF AVERAGE (%)
<u>2021</u>			
JANUARY	0.65	1.21	53
FEBRUARY	0.28	0.83	34
MARCH	1.69	1.43	118
APRIL	1.45	2.41	60
MAY	0.85	1.39	61
JUNE	0.27	0.95	29
JULY	0.85	0.65	131
AUGUST	1.39	0.61	228
SEPTEMBER	0.51	0.55	94
OCTOBER	1.15	0.99	116
NOVEMBER	1.18	1.25	95
DECEMBER	1.33	1.24	107
TOTAL	11.61	13.51	86

(1) Period of Record 1986 - 2021



**TABLE 3**  
**HUDSON RIVER - BLACK RIVER REGULATING DISTRICT**

**REGULATION OF THE BLACK RIVER - STILLWATER RESERVOIR**

MONTH	ELEVATION OF RESERVOIR WATER SURFACE (DAILY AVERAGE) (NAVD 88) (3)	MONTHLY RELEASE (AVERAGE) (C.F.S.)	WATERTOWN COMPUTED NATURAL FLOW (AVERAGE) (C.F.S.) (1)	WATERTOWN REGULATED FLOW (AVERAGE) (C.F.S.) (2)
<u>2021</u>				
JANUARY	1667.47	300	2811	2870
FEBRUARY	1663.70	376	1696	1960
MARCH	1669.58	243	7348	6960
APRIL	1675.33	64	5416	4920
MAY	1678.07	89	3779	3550
JUNE	1676.09	300	1445	1640
JULY	1675.95	331	5306	5320
AUGUST	1677.77	344	6126	5950
SEPTEMBER	1673.67	597	2171	2570
OCTOBER	1671.53	600	4610	4780
NOVEMBER	1669.68	600	5646	5790
DECEMBER	1671.49	441	6276	6220

(1) Watertown flow minus net reservoir augmentation (release minus inflow).

(2) Black River flow at Watertown (VanDuzee Street gauge).

(3) Daily average on last day of the month

## Hudson River - Black River Regulating District

### STILLWATER RESERVOIR

RESERVOIR ELEVATION JANUARY 2021 - DECEMBER 2021

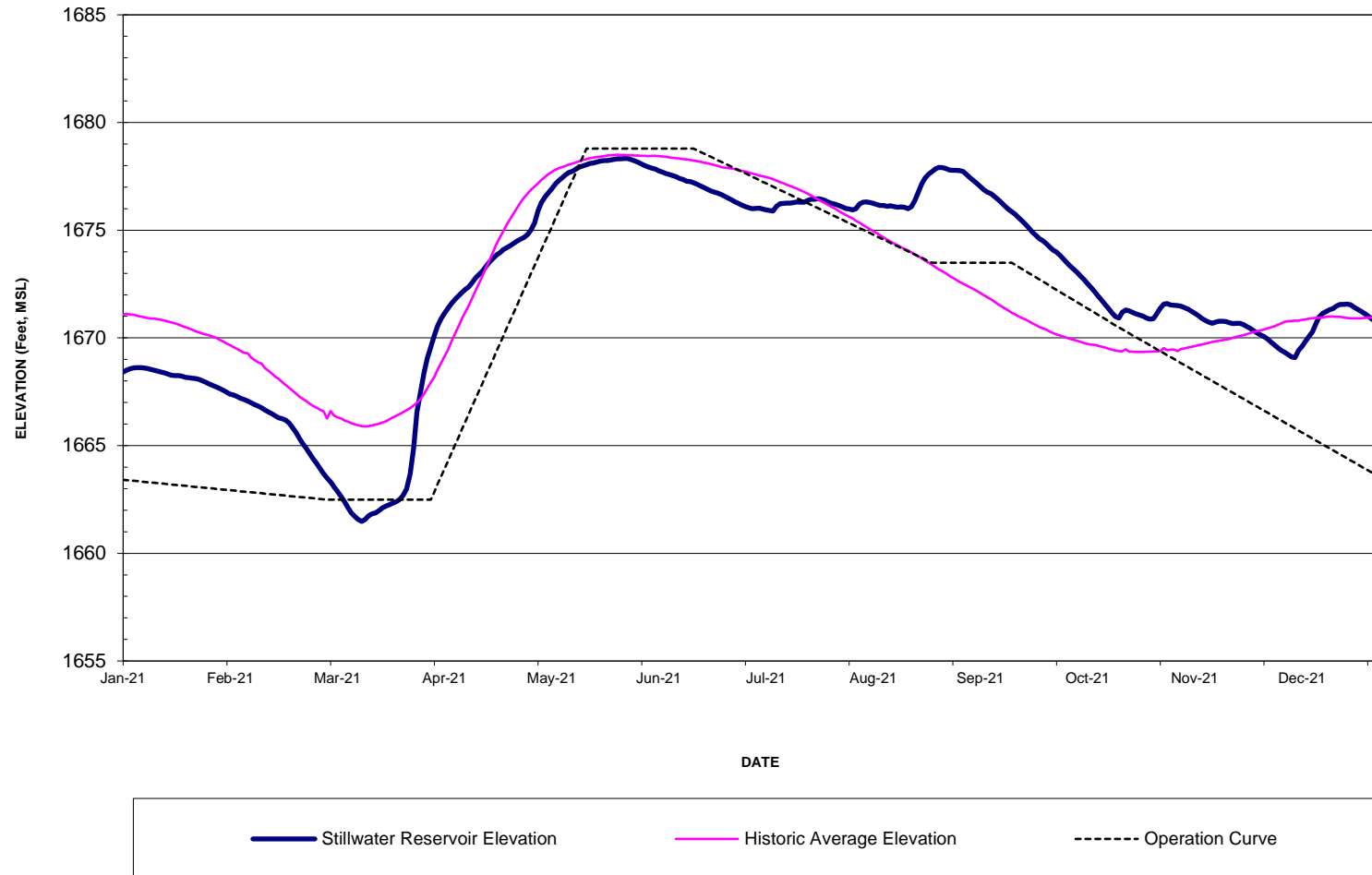


Figure 1

## Hudson River - Black River Regulating District

### STILLWATER RESERVOIR

PRECIPITATION JANUARY 2021 - DECEMBER 2021

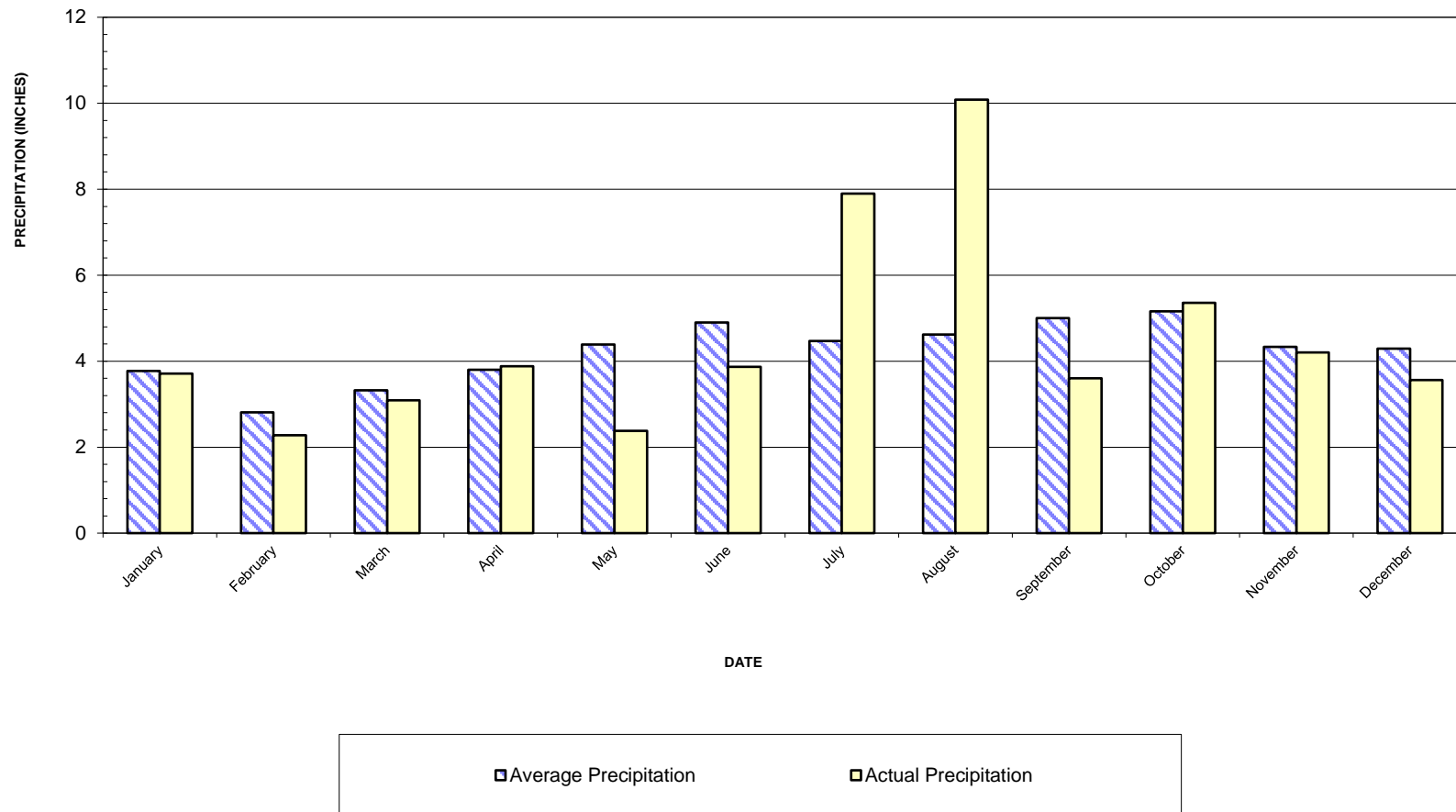


Figure 2

## Hudson River - Black River Regulating District

### STILLWATER RESERVOIR

INFLOW JANUARY 2021 - DECEMBER 2021

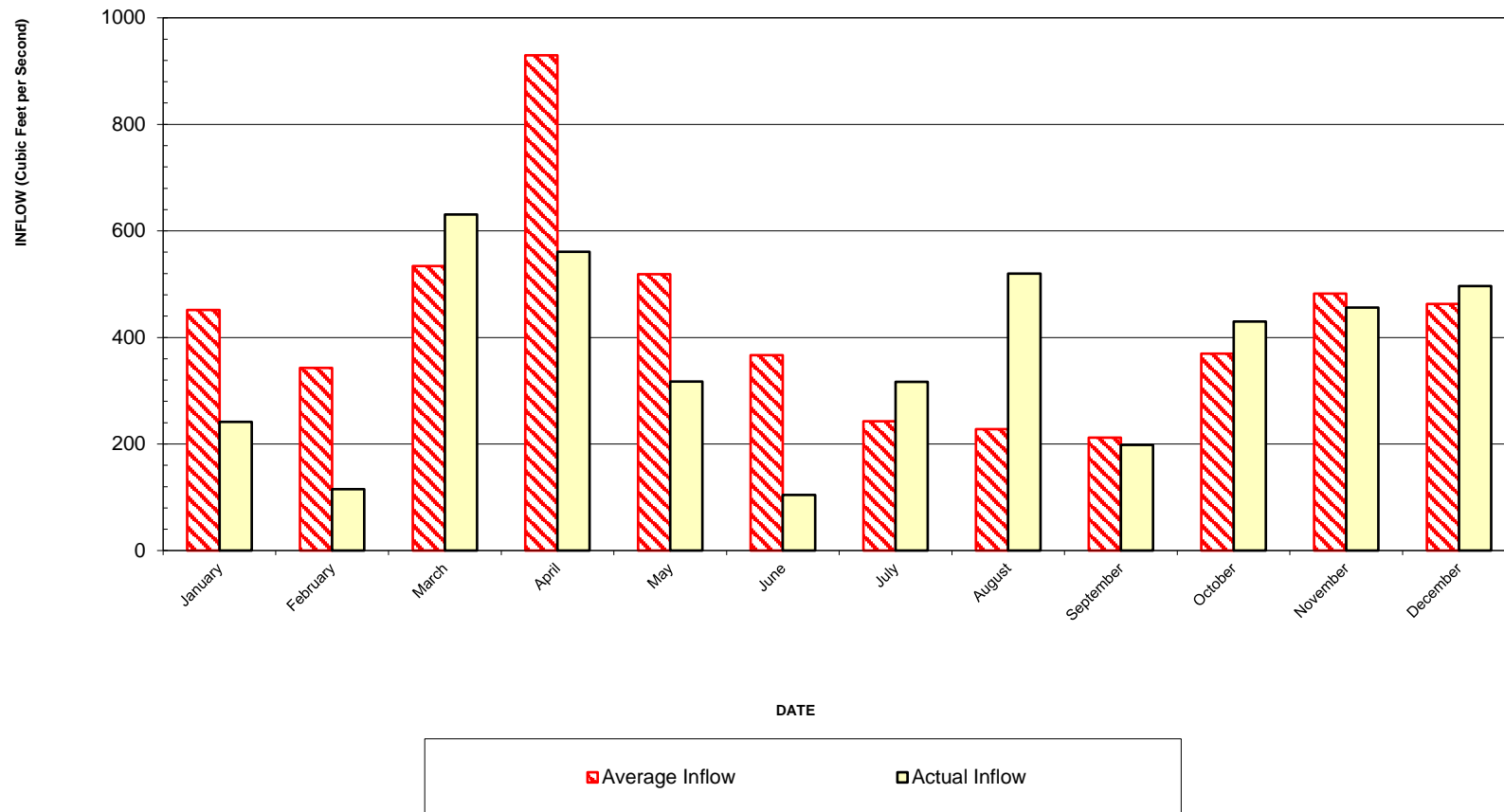


Figure 3

## Hudson River - Black River Regulating District

### STILLWATER RESERVOIR

BLACK RIVER FLOW AT WATERTOWN JANUARY 2021 - DECEMBER 2021

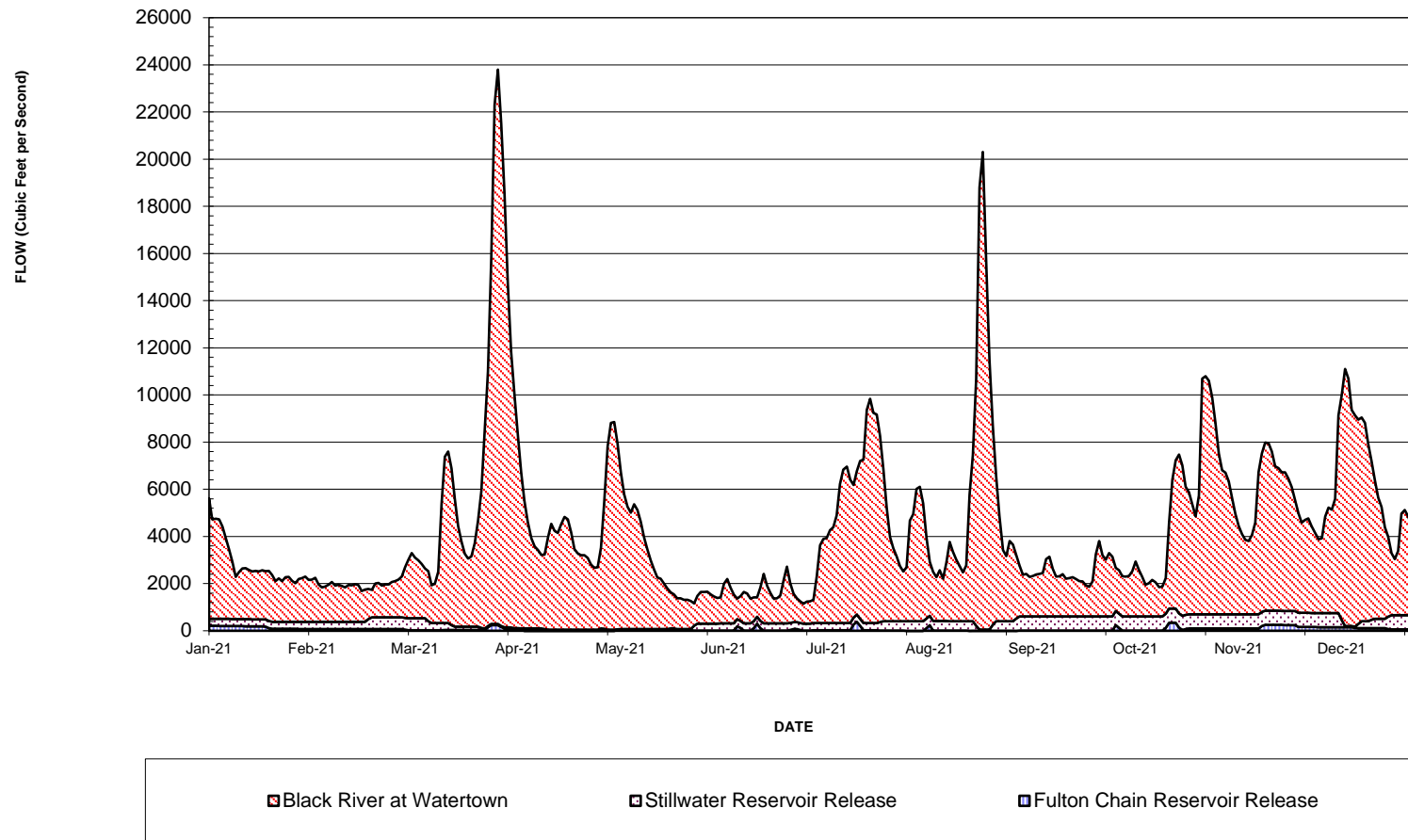


Figure 4

## Hudson River - Black River Regulating District

### SIXTH LAKE RESERVOIR

RESERVOIR ELEVATION JANUARY 2021 - DECEMBER 2021

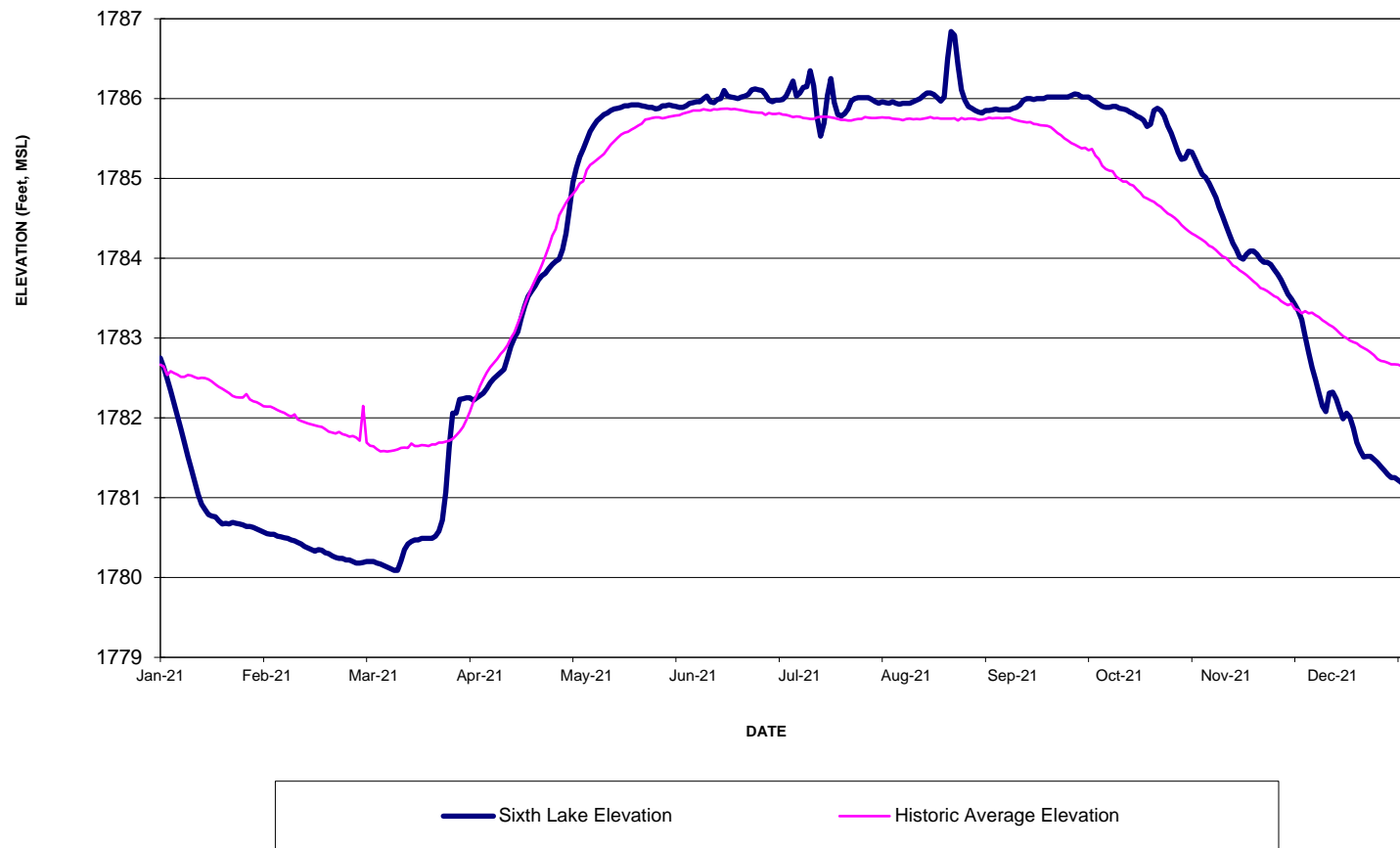


Figure 5

## Hudson River - Black River Regulating District

### OLD FORGE RESERVOIR

RESERVOIR ELEVATION JANUARY 2021 - DECEMBER 2021

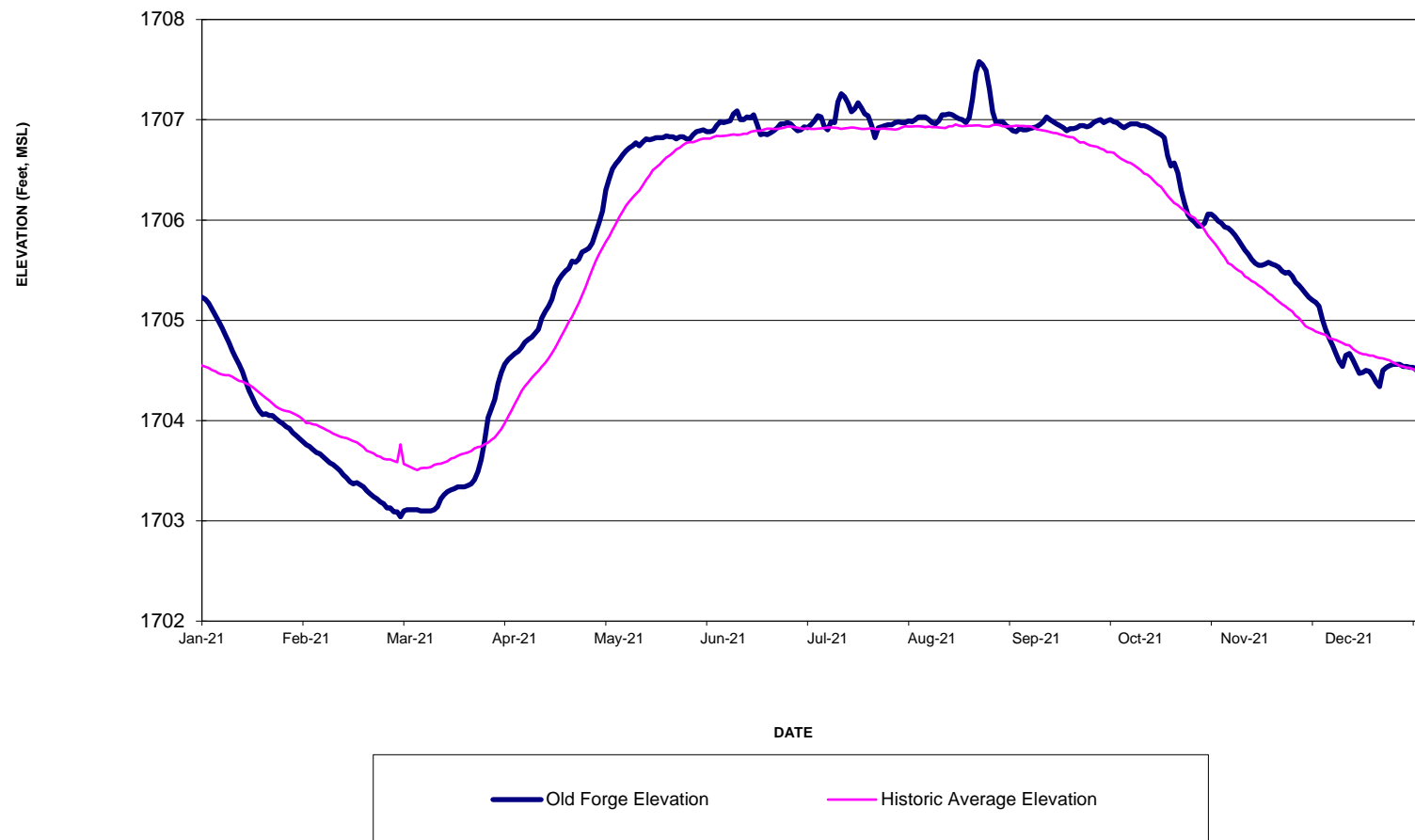
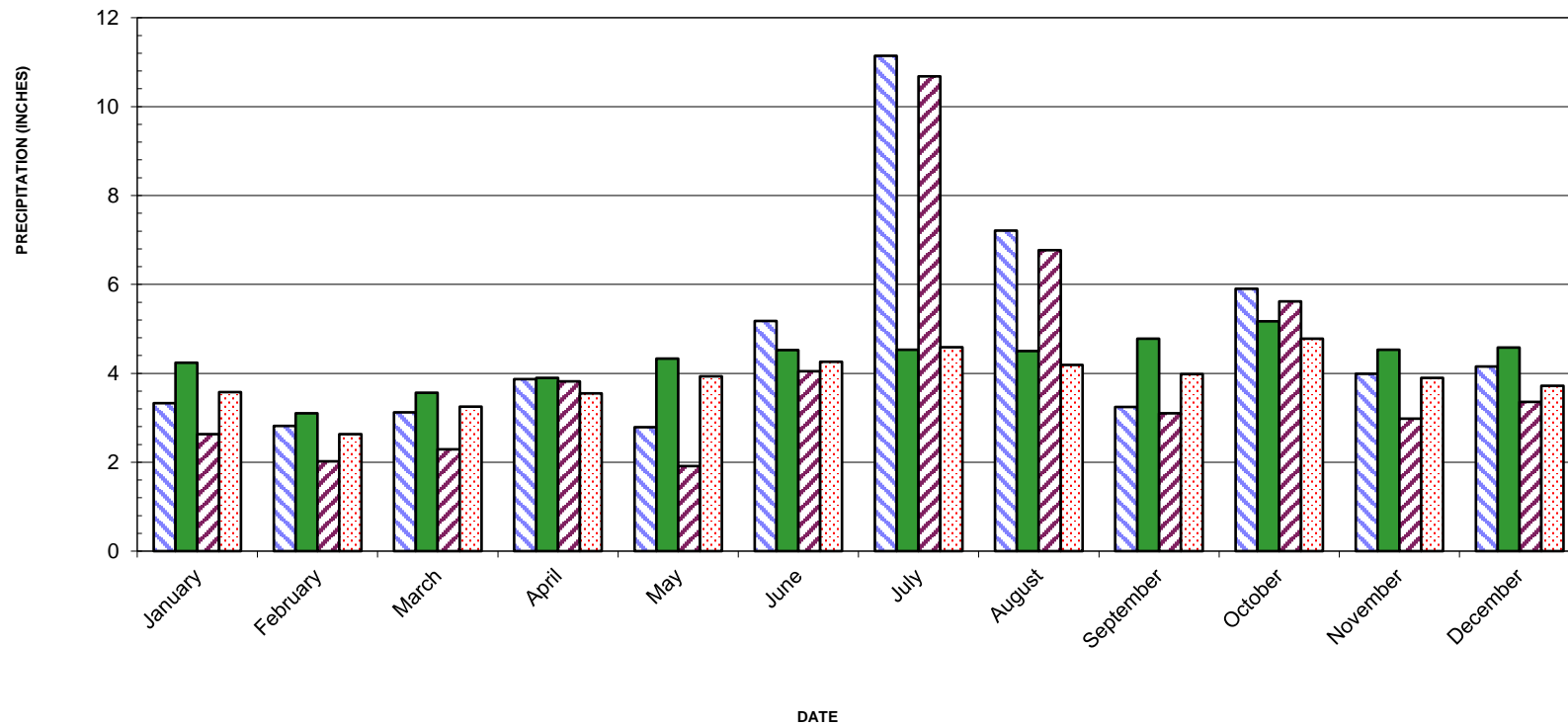


Figure 6

## Hudson River - Black River Regulating District

### FULTON CHAIN RESERVOIRS

PRECIPITATION JANUARY 2021 - DECEMBER 2021



Old Forge Actual Precipitation

Old Forge Average Precipitation

Sixth Lake Actual Precipitation

Sixth Lake Average Precipitation

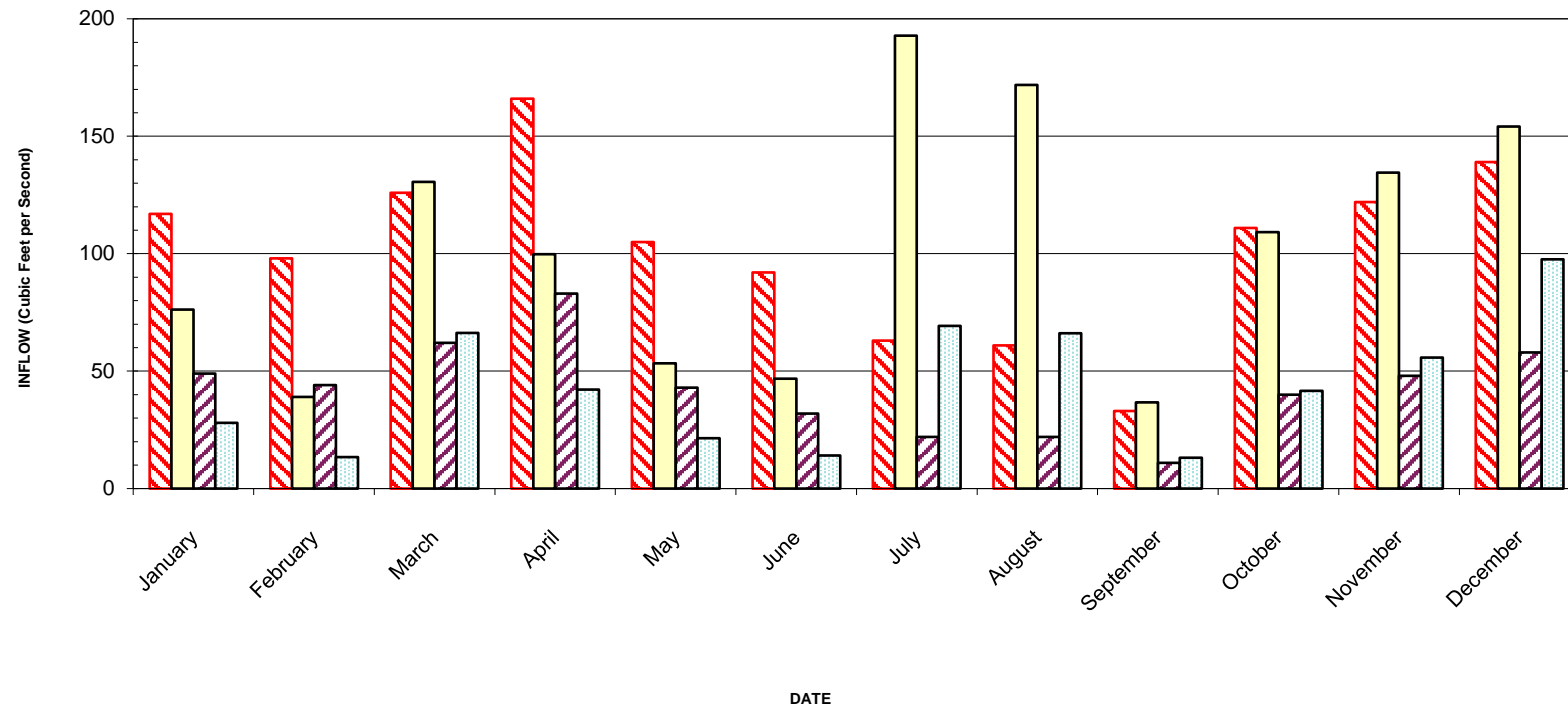
Figure 7



## Hudson River - Black River Regulating District

### FULTON CHAIN RESERVOIRS

INFLOW JANUARY 2021 - DECEMBER 2021



Old Forge Average Inflow

Old Forge Actual Inflow

Sixth Lake Average Inflow

Sixth Lake Actual Inflow

Figure 8

Net inflow including evaporation and transpiration

## RESOLUTIONS ----- 2021

- 21-01-01 RESOLUTION TO PROVIDE FOR A "MINIMUM FEE" FOR CERTAIN SPECIAL/ ASSOCIATION PERMITTEES WITH FEWER THAN FOUR BOATS
- 21-02-01 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO CONTRACT WITH DIESEL EMISSIONS SERVICE TO RETROFIT 2004 INTERNATIONAL DUMP TRUCK WITH EMISSIONS REDUCTION TECHNOLOGY
- 21-03-01 RESOLUTION TO APPROVE TRANSFERS IN THE FISCAL YEAR 2020-21 BUDGET
- 21-04-01 RESOLUTION SCHEUDLING DATE, TIME AND LOCATION OF THE TUESDAY, MARCH 9, 2021 REGULAR BOARD MEETING
- 21-05-03 RESOLUTION TO ACCEPT HENNINGSON, DURHAM & RICHARDSON ARCHITECTURE AND ENGINEERING, P.C. (HDR) AMENDMENT # 2 PROPOSAL TO COMPLETE WORK NECESSARY TO RESPOND TO FERC'S ADDITIONAL REQUEST
- 21-06-03 RESOLUTION TO AUTHORIZE A FIVE YEAR LEASE AND A ONE YEAR MAINTENANCE AND SUPPLY AGREEMENT ON A RICOH IM 2500 COPIER SYSTEM FOR USE AT THE SACANDAGA FIELD OFFICE
- 21-07-03 RESOLUTION TO AUTHORIZE A FIVE YEAR THREE MONTH LEASE AND A CONNECTIVITY INSTALLATION AGREEMENT ON A QUADIENT IX-5 POSTAGE METER FOR USE AT THE SACANDAGA FIELD OFFICE
- 21-08-03 RESOLUTION TO SATISFY ANNUAL REVIEW AND APPROVAL OF THE REGULATING DISTRICT'S INVESTMENT POLICY
- 21-09-03 RESOLUTION TO SATISFY ANNUAL REVIEW AND APPROVAL OF THE REGULATING DISTRICT'S PROCUREMENT POLICY
- 21-10-03 RESOLUTION TO ANNUALLY REVIEW AND APPROVE THE REGULATING DISTRICT'S DISPOSITION OF PROPERTY GUIDELINES PURSUANT TO SECTION 2896(1) OF THE PUBLIC AUTHORITIES LAW
- 21-11-03 RESOLUTION APPROVING BUDGET & FINANCIAL PLAN REQUIRED PURSUANT TO SECTION 2801 OF PUBLIC AUTHORITIES LAW
- 21-12-03 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, APRIL 13, 2021 REGULAR BOARD MEETING
- 21-13-04 RESOLUTION TO HIRE TEMPORARY SEASONAL LABORERS TO SUPPLEMENT PERMANENT STAFF IN THE HUDSON RIVER AREA AND BLACK RIVER AREA

## RESOLUTIONS ----- 2021

- 21-14-04 RESOLUTION AUTHORIZING THE APPOINTMENT OF MICHAEL DICOB AS BLACK RIVER AREA SUPERINTENDENT
- 21-15-04 RESOLUTION TO AWARD AUDIT SERVICES WORK TO GALLEROS ROBINSON CERTIFIED PUBLIC ACCOUNTANTS, LLP FOR FISCAL YEAR ENDING JUNE 30, 2021
- 21-16-04 RESOLUTION SCHEDULING DATE, TIME, AND LOCATION OF THE TUESDAY, MAY 11, 2021 REGULAR BOARD MEETING
- 21-17-05 RESOLUTION AUTHORIZING THE APPOINTMENT OF TIMOTHY R. HARWOOD AS BLACK RIVER AREA PRINCIPAL PLANT OPERATOR
- 21-18-05 RESOLUTION TO ACCEPT PAUL C. RIZZO ENGINEERING – NEW YORK, PLLC AMENDMENT # 2 PROPOSAL TO PERFORM COMPLETION OF SEISMIC STABILITY AND LIQUEFACTION & DEFORMATION ANALYSIS OF THE STILLWATER DAM
- 21-19-05 RESOLUTION TO APPROVE TRANSFERS IN THE FISCAL YEAR 2020-21 BUDGET
- 21-20-05 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, JUNE 8, 2021 REGULAR BOARD MEETING
- 21-21-06 RESOLUTION TO AWARD THE WORK TO PERFORM A LIGHT DETECTION AND RANGING (LIDAR) SURVEY PROGRAM AT CONKLINGVILLE - CONTRACT C022021 TO MJ ENGINEERING AND LAND SURVEYING, P.C.
- 21-22-06 RESOLUTION TO AWARD THE REGULATING DISTRICT'S INSURANCE PROGRAM FOR POLICY YEAR JULY 1, 2021 THROUGH JUNE 30, 2022
- 21-23-06 RESOLUTION TO APPROVE INSURANCE PROPOSAL FOR POLICY YEAR JULY 1, 2021 THROUGH JUNE 30, 2022
- 21-24-06 RESOLUTION APPROVING A SECOND AMENDMENT TO THE RESERVOIR OPERATING AGREEMENT AT CONKLINGVILLE
- 21-25-06 RESOLUTION TO ENTER INTO A RECIPROCAL AGREEMENT ON TRANSFER OF LEAVE AND SERVICE CREDITS WITH THE NYS DEPARTMENT OF CIVIL SERVICE
- 21-26-06 RESOLUTION APPROVING A BUDGET FOR THE HUDSON RIVER-BLACK RIVER REGULATING DISTRICT FOR THE PERIOD JULY 1, 2021 THROUGH JUNE 30, 2024 AND FOURTH YEAR PROJECTED FINANCIAL PLAN FOR THE PERIOD JULY 1, 2024 THROUGH JUNE 30, 2025

## RESOLUTIONS ----- 2021

- 21-27-06 RESOLUTION TO APPROVE THE ANNUAL ASSESSMENT FOR THE OPERATION AND MAINTENANCE OF STORAGE RESERVOIRS IN THE BLACK RIVER AREA FOR THE FIRST YEAR OF THE THREE-YEAR BUDGET PERIOD BEGINNING JULY 1, 2021 THROUGH JUNE 30, 2024
- 21-28-06 RESOLUTION TO APPROVE THE STATE SHARE FOR THE OPERATION AND MAINTENANCE OF STORAGE RESERVOIRS IN THE BLACK RIVER AREA FOR THE FIRST YEAR (JULY 1, 2021 – JUNE 30, 2022) OF THE THREE-YEAR BUDGET PERIOD BEGINNING JULY 1, 2021
- 21-29-06 RESOLUTION TO APPROVE THE ANNUAL ASSESSMENT FOR THE OPERATION AND MAINTENANCE OF STORAGE RESERVOIRS IN THE HUDSON RIVER AREA FOR THE FIRST YEAR (JULY 1, 2021 – JUNE 30, 2022) OF THE THREE-YEAR BUDGET PERIOD BEGINNING JULY 1, 2021
- 21-30-06 RESOLUTION TO APPROVE THE STATE SHARE FOR THE OPERATION AND MAINTENANCE OF STORAGE RESERVOIRS IN THE HUDSON RIVER AREA FOR THE FIRST YEAR (JULY 1, 2021 – JUNE 30, 2022) OF THE THREE-YEAR BUDGET PERIOD BEGINNING JULY 1, 2021
- 21-31-06 RESOLUTION APPROVING A CASH PAYOUT OF UNUSED SICK LEAVE AND FREEDOM FROM CONTRIBUTION TO HEALTH INSURANCE PREMIUMS TO JOHN HODGSON UPON RETIREMENT
- 21-32-06 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, JULY 13, 2021 REGULAR BOARD MEETING
- 21-33-06 RESOLUTION OF THE HUDSON RIVER – BLACK RIVER REGULATING DISTRICT HONORING ADMINISTRATOR JOHN M. HODGSON
- 21-34-07 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE AGREEMENT BY AND BETWEEN THE HUDSON RIVER-BLACK RIVER REGULATING DISTRICT AND THE CIVIL SERVICE EMPLOYEES ASSOCIATION, INC., AFSCME LOCAL 1000, AFL-CIO, HUDSON RIVER-BLACK RIVER REGULATING DISTRICT LOCAL 120
- 21-35-07 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO SECURE A PERMIT FROM THE OFFICE OF GENERAL SERVICES FOR 656 SQUARE FEET OF RENTABLE OFFICE SPACE LOCATED ON THE 6<sup>TH</sup> FLOOR OF THE DULLES STATE OFFICE BUILDING AT 317 WASHINGTON STREET WATERTOWN, NEW YORK
- 21-36-07 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER A LEASE FOR SPACE LOCATED ON THE 3<sup>rd</sup> FLOOR OF 575 BROADWAY ALBANY, NEW YORK

## RESOLUTIONS ----- 2021

- 21-37-07 RESOLUTION AUTHORIZING RENEWAL OF AN AGREEMENT WITH UNITED STATES GEOLOGICAL SURVEY
- 21-38-07 RESOLUTION TO ACCEPT PAUL C. RIZZO ENGINEERING – NEW YORK, PLLC AMENDMENT # 3 PROPOSAL TO PERFORM COMPLETION OF SEISMIC STABILITY AND LIQUEFACTION & DEFORMATION ANALYSIS OF THE STILLWATER DAM
- 21-39-07 RESOLUTION TO AWARD HUMAN RESOURCES CONSULTING SERVICES WORK TO PINNACLE HUMAN RESOURCES, LLC
- 21-40-07 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, SEPTEMBER 14, 2021 REGULAR BOARD MEETING
- 21-41-09 RESOLUTION TO APPROVE AMENDMENT #5 - INDIAN LAKE FIRST ENGINEERING ASSESSMENT CONTRACT C032013
- 21-42-09 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO AGREEMENTS FOR BROADBAND AND PHONE SERVICES ON THE 3<sup>rd</sup> FLOOR OF 575 BROADWAY ALBANY, NEW YORK
- 21-43-09 RESOLUTION ADOPTING AMENDED BY-LAWS OF THE HUDSON RIVER-BLACK RIVER REGULATING DISTRICT
- 21-44-09 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, OCTOBER 12, 2021 REGULAR BOARD MEETING
- 21-45-10 RESOLUTION TO APPROVE AMENDMENT #5 TO HDR CONTRACT C022012 TO PERFORM STILLWATER DAM BREACH ANALYSIS SITE SPECIFIC PROBABLE MAXIMUM PRECIPITATION STUDY
- 21-46-10 RESOLUTION TO AWARD LIQUIDITY MANAGEMENT CONSULTING SERVICES WORK TO THREE+ONE COMPANY, INC.
- 21-47-10 RESOLUTION APPROVING A SECOND AMENDMENT TO THE GROUND LEASE AND WATER USAGE AGREEMENT AT STILLWATER
- 21-48-10 RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE TUESDAY, NOVEMBER 9, 2021 REGULAR BOARD MEETING
- 21-49-11 RESOLUTION TO AMEND CONTRACT AWARDED HUMAN RESOURCES CONSULTING SERVICES WORK TO GTM PAYROLL SERVICES INC.
- 21-50-11 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO NEGOTIATE AND ENTER INTO AN AGREEMENT WITH INTERACTIVE MEDIA CONSULTING, LLC

**RESOLUTIONS ----- 2021**

- 21-51-11      RESOLUTION TO ACCEPT FINGER LAKES INDUSTRIAL CONTRACTING  
CORP.'S PROPOSAL TO COMPLETE AN UNDERWATER INSPECTION AT  
INDIAN LAKE DAM D012021
- 21-52-11      RESOLUTION SCHEDULING DATE, TIME AND LOCATION OF THE  
TUESDAY, JANUARY 11, 2022 REGULAR BOARD MEETING