KENNEBEC SANITARY TREATMENT DISTRICT



ANNUAL REPORT

50th Edition

2022

Proudly serving Waterville, Winslow, Fairfield, and Benton

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INTRODUCTION

Kennebec Sanitary Treatment District (KSTD) is a quasi-municipal corporation under the laws of the State of Maine, incorporated via Charter in 1971, serving the City of Waterville, and the Towns of Winslow, Fairfield, and Benton. KSTD also serves a significant industrial user, Huhtamaki Inc. (formerly Keyes Fiber) and two (2) non-chartered communities that executed inter-local agreements with chartered communities; those being the Town of Oakland in 2013 via WSD and the Town of Vassalboro via the Town of Winslow in 2017.

In 1971 an act, creating the Kennebec Sanitary Treatment District occurred by the people of the State of Maine and approved by the Governor as follows: the inhabitants of the Municipalities of Waterville, Winslow, Fairfield, and Benton have created a body corporate and politic under the name of Kennebec Sanitary Treatment District (KSTD) for the purpose of providing systems of public sewage disposal, constructed, maintained, and operated for the public health and welfare of said residents. KSTD was organized to receive sewage collected by the municipalities and dwellings, public buildings, commercial or industrial establishments.

As of March 2017, the original 1971 District Charter contained 9 separate amendments. Listed below are the year of amendment followed by the chapter of which it can be found:

No. 1 - 1971, Chapter 45 No. 2 - 1972, Chapter 169 No. 3 - 1973, Chapter 81 No. 4 - 1976, Chapter 128 No. 5 - 1981, Chapter 26 No. 6 - 1983, Chapter 18 No. 7 - 1991, Chapter 7 No. 8 - 1992, Chapter 83 No. 9 - 2017, Chapter 12

Reference to the rules and regulations, SEC 10, 1, (sometimes called; "<u>Sewer Use Ordnance</u>"), is KSTD "Industrial Pretreatment Program Rules, 6th revision, March 15, 2011".

For more updated information, please check out our new website at <u>www.kstd.com</u>!

DEDICATION

Albert E. Hodsdon III

KSTD Board Trustee for the Town of Fairfield Years Served: 2004-2022



Al Hodsdon in his glory, sailing on his boat the "Sea Jab"



Unveiling of memorial sign for Albert E. Hodsdon III on 7/13/23. Pictured (Back Row L-R): Matt Zetterman, Canbra Hodsdon, Scott McAdoo, Thomas Shattuck, Bruce Williams, Kevin Gorman, Jack Stanley, Jr. . (Front Row L-R): Tyler Mitchell, Nick Champagne & Bill Boucher

The 2022 KSTD Annual Report is dedicated to former Fairfield Trustee, Albert E. Hodsdon III, who sadly passed away in February 2022. Al served on the KSTD Board of Trustees representing the Town of Fairfield from 2004 until his passing in 2022. He served as Board Chair in 2010 and 2019. For over 50 years, Al was a respected professional engineer, community leader and philanthropist in the Greater Waterville Area. He and his wife, Jill, founded AE Hodsdon Engineers in Waterville in 1974 which will be celebrating its 50th year in 2024.

Al will be remembered for his charismatic personality, humor and willingness to help. He mentored many water utility professionals across the State of Maine, including several here in Central Maine. He volunteered his time and expertise for many board and committees in the Town of Fairfield where he and Jill resided, including several boards across the State of Maine including Efficiency Maine, Maine Manufactured Housing Board, Maine Rural Water Association, Maine Water Utilities Association, Maine Water Environment, the University of Maine, Kennebec Water District and the Kennebec Sanitary Treatment District. His reach, impact and legacy stretches far and wide.

To commemorate Al's legacy, the KSTD Board of Trustees voted in March 2022 to name the board room in memory of Albert E. Hodsdon III. A sign was erected and unveiled in July 2023 (pictured above). The sign reads:

This room is dedicated to Albert E. Hodsdon, III. For over 50 years, Al was a respected professional engineer, community leader, business owner and philanthropist in Greater Waterville area and the State of Maine. Al served as a KSTD Trustee representing the Town of Fairfield from 2004 to 2022, and as Board Chair in 2010 & 2019. His expertise, contributions and leadership guided the Board both as a Trustee and as an Engineer. He will be remembered for his charismatic personality, humor and willingness to help. Al Hodsdon was a legend that will not be forgotten.

ACKNOWLEDGEMENTS

2022/23 BOARD OF TRUSTEES

Office Held	Trustee	Term	Town Representing
_			
Chairperson	Jack Stanley, Jr.	1996-2025	Fairfield
Vice-Chair	Tyler J. Mitchell	2021-2025	Winslow
Treasurer	Dwight Lanning	2020-2023	Benton
Clerk	Kevin Gorman	2020-2024	Waterville
	Bruce Williams	2022-2023	Fairfield
	Paul F. Jacques	2013-2026	Waterville
	Dwight Lanning	2021-2023	Benton
	Thomas W. Shattuck	2005-2023	Waterville
	Matthew Zetterman	2020-2026	Waterville
	Robert J. Nadeau	2003-2023	Winslow
	Scott McAdoo	2022-2024	
Asst. Treasurer/ Asst. Clerk	Nicholas M. Champagne	Superintendent	
Financial Auditor	Nicholson, Michaud & Company	Certified Public Acc	ountants



2022/23 KSTD Board of Trustees Back Row (L to R): Matthew Zetterman, Bruce Williams, Robert Nadeau, Scott McAdoo, Paul Jacques, Kevin Gorman & Tyler Mitchell. Front Row (L to R): Chair Jack Stanley, Jr., Thomas Shattuck & Dwight Lanning

2022/23 KSTD EMPLOYEES

Z Z		
Name	Position	# of Years
ADMINISTRATION		
Nicholas M. Champagne	Superintendent	3
Lynn C. Woodard	Chief Operator	42
Roxanne Whitcomb	Finance Manager	1
Nancy K. Gray	A/P & Payroll Clerk	25
LABORATORY		
Ronald G. White	Process Control Coordinator	38
Derek M. Vigue	Lab Assistant	20
OPERATIONS		
Carl L. Leathers	Operator	42
David J. Stevens	Asst. Operator	8
<u>MAINTENANCE</u>		
Wayne D. Schofield	Maintenance Foreman	9
Richard L. Vigue	Electrician	45
Timothy G. Mercer	Skilled Laborer	35
Lonny A. Lyons	Skilled Laborer	22
Anthony A. Larrabee	Skilled Laborer	3



2022/23 KSTD Employees

3rd Row (L to R): Carl Leathers, Lynn Woodard, Dick Vigue, Tim Mercer, Ron White 2nd Row (L to R): Cynthia Chase, Nancy Gray, Lonny Lyons, Derek Vigue
1st Row (L to R): Wayne Schofield, Nick Champagne, David Stevens, Tony Larrabee Not Pictured: Roxanne Whitcomb (hired in Nov' 2022)

2022 IN REVIEW



FORMER TRUSTEES

AARON LEVINE1971-1972WatervilleARTHUR O'HALLORAN1971-1972WatervilleWHITCOMB M. RUMMELL1971-1974WatervilleWILMER W. HUSSEY1973-1974VassalboroDUDLEY E. FOLEY1974-1976VassalboroLLOYD ROWE1976VassalboroOSBORNE N. ELLIS1971-1977BentonSHERMAN K. SMITH1971-1977WatervilleCLIFFORD J. SOUCY1971-1977WatervilleLAVRIER E. LOUBIER1972-1978WatervilleLAURIER E. LOUBIER1971-1979WinslowROLAND J. MICHAUD1978-1979WinslowLEROY L. GOODINE1971-1979FairfieldLIONEL J. POIRIER1971-1979WatervilleJOSEPH A.G. PELLETIER1977-1979WatervilleDAVID C. DONAHUE1979-1980FairfieldIRVING I. GOODOF1974-1980WatervillePAUL J. MITCHELL1979-1981WatervilleGORDON G. LYFORD1978-1982WatervilleTHOMAS J. NALE1980-1982FairfieldECIL L. NUTTING1980-1982FairfieldROBERT VIOLETTE1982-1984FairfieldROBERT VIOLETTE1982-1984FairfieldROBERT F. PERRY1977-1985BentonGILBERT H. PETERS1982-1985WatervilleLOUIS P. HUARD, JR.1983-1986WatervilleLOUIS P. HUARD, JR.1983-1986WatervilleLOUIS P. HUARD, JR.1983-1986WatervilleLOUIS P. HUARD, JR.1983-1986Waterville </th
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CARL L. WEYMOUTH1985-1986BentonDEANE M. NASON1979-1987Winslow
DEANE M. NASON 1979-1987 Winslow
PETER J. GORMAN 1986-1987 Waterville
LEONARD J. PLOURDE 1972-1988 Waterville
ANN NATASHA MATHIEU 1984-1988 Waterville
LAWRENCE W. FORTIN 1986-1989 Winslow
THOMAS W. SHATTUCK 1986-1991 Waterville
WILLIAM J. HAGERTY 1984-1991 Fairfield
DARRELL WEBBER 1991 Fairfield
ROBERT F. COSGROVE 1979-1992 Waterville
G. ANTHONY JONES 1987-1992 Waterville
DAVID H. BLAIR 1987-1993 Winslow
DAVID B. BAIRD 1989-1993 Winslow
WAYNE L. SMITH 1988-1993 Waterville
JEFFREY ALLEN 1992-1994 Waterville
DENNIS LANG 1993-1994 Waterville
RUEL J. BLACKWELL 1971-1995 Fairfield

TRUSTEE	TERM SERVED	REPRESENTING
BARBARA F. OLSON	1988-1996	Waterville
JEFFREY MITCHELL	1994-1997	Waterville
WM THOMAS HYDE	1994-1999	Waterville
DAVID V. DOSTIE	1991-1999	Fairfield
DANIEL J. MALLET	1993-1999	Winslow
THOMAS W. SHATTUCK	1992-2000	Waterville
WALTER W. SIMPSON	1993-2001	Winslow
JAMES BANKS	1999-2001	Fairfield
BARBARA F. OLSON	2000-2001	Waterville
PETER WARD	2001-2002	Winslow
CHARLES THEOBALD	1999-2002	Winslow
C. DONALD HUBERT	1996-2002	Waterville
PAUL E. ROY	2002-2003	Winslow
JAMES FITTON	2002-2003	Winslow
DAVID R. VASHON	1993-2003	Waterville
JOHN G. TRINWARD	1997-2003	Waterville
DAVID V. DOSTIE	1999-2004	Waterville
RAYMOND W. WITHAM	2001-2004	Fairfield
THOMAS W. SHATTUCK	2001-2004	Waterville
ARTHUR O'HALLORAN	2003-2004	Waterville
JOHN W. LIBBY	2004	Waterville
G. ANTHONY JONES	2002-2005	Waterville
JOHN W. LIBBY	2005-2006	Waterville
G. ANTHONY JONES	2006-2007	Waterville
DANIEL A. PETERS	2003-2007	Winslow
DAVID C. DOSTIE	2005-2010	Waterville
DONALD C. ASHTON, Jr.	2013	Waterville
PETER W. OGDEN	2013	Waterville
DAVID A. COSGROVE	2004-2013	Waterville
NICHOLAS M. CHAMPAGNE	2014-2016	Waterville
JOHN F. HAMELIN	2004-2018	Waterville
PERCY C. SMITH	2007-2018	Waterville
MICHAEL E. WILLIAMS, SR.	2017-2018	Waterville
PERCY C. SMITH	2019	Waterville
NICHOLAS M. CHAMPAGNE	2019	Waterville
JULIAN A. PAYNE	2020	Waterville
TYLER J. MITCHELL	2019-2020	Waterville
GARY L DIXON	1986-2021	Benton
PETER C. DEANE	2007-2021	Winslow
LUKE BROOKS-SHESLER	2021	Waterville
ALBERT E. HODSDON III	2004-2022	Fairfield

FORMER SUPERINTENDENTS

SUPERINTENDENT	TENURE
WILLIAM J. CULLEN	1972-1988
RICHARD P. BENTZEL	1988-2002
TIMOTHY J. LEVASSEUR	2002-2019

REPORT OF THE TRUSTEES

The Board of Trustees of Kennebec Sanitary Treatment District held twelve regular meetings and three committee workshops in 2022.

Re-appointments to the Board of Trustees for terms as follows:

Term	Trustee	Town Representing
2023 – 2026	Matthew Zetterman	Waterville
2023 – 2026	Paul F. Jacques	Waterville

In 2022, Bruce Williams was appointed by Town of Fairfield to fill vacancy of Albert E. Hodsdon III. In early 2023, Randy Raymond was appointed by Town of Benton to fill the vacancy of Dwight Lanning, who resigned in March 2023. At the April 13, 2023 trustee meeting, Kevin Gorman was elected as Treasurer to replace vacancy of Mr. Lanning and Thomas Shattuck was elected to replace Kevin Gorman as Clerk.

The annual meeting was held on July 14, 2022. The elected officers are as follows:

Chairperson	Jack Stanley, Jr.	Fairfield
Vice-Chair	Tyler J. Mitchell	Winslow
Treasurer	Dwight Lanning	Benton (Jul. '22-Mar. '23)
	Kevin Gorman	WTVL (Apr. '23-Jun. '23)
Clerk	Kevin Gorman	WTVL (Jul.'22-Mar.'23)
	Thomas W. Shattuck	WTVL (Apr.'23-Jul.'23)
Asst. Treasurer/Clerk	Nicholas M. Champagne	Superintendent

The 2022 annual budget was approved for \$3,819,763 (including \$200,000 for contingency and \$500,000 for capital reserve) with a 4.46% increase from 2021. A surplus of \$516,988 was returned to District members, as outlined in the Report of the Treasurer.

The Board of Trustees invites the public to attend any monthly board meeting held every second Thursday at 7:30 a.m. in the cafeteria at KSTD on 401 Water St, Waterville, Maine. For more information, please visit our new website at <u>www.kstd.com</u>.

The Board would like to thank the Superintendent and staff for another outstanding year.

Respectfully submitted,

Jack Stanley, Jr.

Jack Stanley, Jr. Chairperson

REPORT OF THE TREASURER

As Treasurer of Kennebec Sanitary Treatment District, I hereby submit the following Report of Finance for the fiscal year ending December 31, 2022.

The firm of Nicholson, Michaud & Company was retained as the District's auditor. The detailed statements of financial condition are contained in the complete Auditor's Report.

INCOME		
2021	Surplus allocated to Members	\$822,889
2022	Revenue from Allocation	\$3,819,763
2022	Revenue from Septage/Leachate	\$207,183
	Revenue from Maintenance	
2022	Contracts	\$19,865
2022	Misc. Revenue	\$1,744
2022	Revenue from Interest Earned	\$8,507
	Total Working Income	\$4,057,062

Highlights of the District's overall operation for the year 2022 are as follows:

EXPENDITURES		
	Treatment Plant	\$2,169,678
	Pump Stations	\$170,401
	Administration	\$400,724
	Adjustments to compute	
	distributable earnings*	\$799,271
	Total Expenses	\$3,540,074
	2022 Surplus to Members**	\$516,988
	* See 2022 Financial Audit	
	** includes \$200,000 contingency	

The District has an additional \$100,000 in a surplus account as a reserve against unbudgeted and unforeseen emergency expenses.

Respectfully submitted,

Kevin Gorman

Kevin Gorman Treasurer

REPORT OF THE SUPERINTENDENT

The District continues to wade through an abundance of challenges facing wastewater treatment facilities across the state of Maine. From legislative changes in law to challenges surrounding an aging facility, 2022 proved to be yet another busy year here at KSTD.

On a positive note, the 2020 pandemic and residual effects of COVID-19 seemed to simmer down in 2022. KSTD did not experience any significant staff infections which I attribute that to the mindfulness of the personnel in following pandemic related policy as recommended by Maine CDC. We wore masks, stayed home when sick, socially distanced, disinfected and many other techniques to slow the spread. A big thank you goes out to our staff and visitors for their understanding and cooperation during that time!

I commend the hard work that our crew demonstrated over the past year adjusting to difficult and uncontrollable changes. I am proud to note that while the District faces several new administrative challenges, the crew collectively worked hard to keep this plant in compliance with our Discharge permit. Far too often we take those accomplishments for granted when we should be celebrating those victories. Thank you to all of our crew for another great year.

For this report, I would like to summarize some key and/or impactful highlights of 2022:

- State of Maine's PFAS (Perfluoroalkyl Substance) Related Legislative Changes
- Main Station Force Main Replacement & Upgrades Update
- District Engineering Reports:
 - Comprehensive Plant Evaluation
- o 2022 CSO Masterplan Update

State of Maine's PFAS (Perfluoroalkyl Substance) Related Legislative Changes

On the legislative side, LD 1911 and LD 1639 were passed in April 2022 and signed into law in May 2022.

LD 1911 - An Act To Prohibit the Contamination of Clean Soils with So-called Forever Chemicals – went into effect on August 8, 2022. Upon the bill being signed into law by Governor Mills, Casella Organics, KSTD's residual management contractor, notified KSTD of a fee increase of \$39.75 per wet ton over and above our current base rate of \$82.46 per ton. The law effectively increased our budgeted biosolid disposal expenditures by about \$150,000 for FY 2022 and \$350,000 for FY 2023. The law also spurred a requirement for all wastewater facilities to test effluent waters for presence of PFAS chemicals, all funded by the State.

Although LD 1911 presented a challenge on the budget for FY 2022, we were still waiting for impact of LD 1639 which would not go into effect until February 2023. LD 1639 would effectively ban all out of state bulking waste to be disposed of at Juniper Ridge Landfill. Overall impact of this law would not be known until the February 2023 effective date on the law. The major concern surrounding LD 1639 is the dramatic increase in facilities utilizing the state owned Juniper Ridge landfill for biosolid disposal, along with the drop in volume of bulking material; creating a shortfall and possible reduction of volume to be accepted by Juniper Ridge. By the end of FY 2022, the affects of the bill would be unknown, but still on the radar of all wastewater facilities in the state of Maine.

Main Station Force Main Replacement Update / Main Station Upgrade Update

With the force main replacement project and roof replacement project complete at Main Station, work still needed to be completed in 2022 at Main Pump Station. KSTD obtained proposals for the replacement of the original bar rack and selected Aqualitec's Multi-Rake and solids screw press for the replacement. The equipment was received by the facility in Winter 2022, preparing for installation in Spring 2023.

Additionally, Ranger Contracting finished the remaining items of the force main replacement project, with final project costs coming in \$40,000 under budget. The additional money saved will be used for further upgrades at Main Pump Station.

Comprehensive Plant Evaluation

As the District moves toward major upgrades over the next several years, it is imperative to have a solid capital improvement plan (CIP) in place. Part of that process involves taking a hard look at the facility in its current state to identify all deficiencies that need to be addressed and compiling them into a single document. Any major endeavor such as a plant upgrade requires significant time and money to complete. A formalized CIP will allow the District to apply for a number of different funding sources to subsidize the projects in an effort to mitigate the sewer rates reflective of a large bond to complete.

In Winter 2022, KSTD issued a Request for Qualifications for engineering services related to the Comprehensive Plant Evaluation. Dovetailed with that project were 2 smaller projects – a climate adaptation plan(CAP) and a fiscal sustainability plan(FSP), with results from those projects being used in the overall plant evaluation. The State of Maine Clean Water State Revolving Fund provided \$70,000 in reimbursable funding towards the CAP and FSP.

After reviewing with a committee of 5 members (2 trustees and 3 staff), the committee selected Wright-Pierce to complete the CPE, FSP and CAP projects. The projects are set to begin in 2023.

Looking Ahead

We took a few big leaps as a District toward facility upgrade in 2022. We look forward to working with our consultant, Wright-Pierce, on developing a capital improvement plan for the District. Such a plan is critical for our facility to begin the egregious process of seeking funding sources and all other facets of planning for a new project or projects. We will have our work cut out for us.

In 2023 we aim to hit the ground running with our planning projects and continue to find ways to make our existing process more efficient while we prepare for upgrades.

Respectfully Submitted,

Nicholas M. Champagn Superintendent

REPORT OF THE CHIEF OPERATOR



Calendar year 2022, in the same fashion as the past few years, provided the District's staff with many planned as well as unplanned challenges to contend with. The Covid 19 pandemic was starting to dull but still required detailed attention to every sneeze and sniffle in order to avoid a widespread infection throughout the facility. Below is a condensed list of our many projects accomplished in 2022.

Lynn Woodard Chief Operator

• Main Station Upgrade & Bond

The Main Pump Station upgrade work that continued through 2022 includes a new Bar Screen with Compactor and new Pump Motor VFDs. KSTD received proposals from three different vendors for the Bar Screen. Aqualitec was ultimately awarded the contract with proposal of their RakeTec and Compactec screen / compactor united. The new bar rack is scheduled to be installed in July / August 2023 by Priest Industries in conjunction with Aqualitec to monitor start-up. Three (3) new VFD's for the existing Main Pump Station pumps were ordered in 2021 but received in 2022. The installation of the three new variable frequency drives was also completed in 2022.



Aqualtec "Raketec" Bar Screen for Main Pump Station.



PBU 1 & 2 Installed and in service.

Polymer Blending Unit Replacements

Critical to our treatment process here at KSTD is our dewatering system. Polymer blends with treated biosolids to produce a dry cake commonly referred to as sludge. The polymer blending units were replaced as part of the 1998 upgrade. PBU Nos. 3&4 were replaced in 2021. In 2022, PBU Nos. 1&2 remained the last 2 pumps to be replaced. The pumps were well beyond their useful life and in dire need of replacement. I am happy to report that all 4 Polymer Blending Units have been replaced with all work done inhouse by our crew. See final product at left. KSTD crew completed all the work as a team. I commend all involved for working together to get the job done. We look forward to other similar projects we can accomplish to keep costs down to the rate payers.

Emergency Influent Channels 1 & 3 Bar Screen Rebuild

The 1976 Bar Screens had rusted and failed to the degree that the 50% of the bars that make up the screen had rusted loose and fallen into the channel rendering the screens and channels as unusable. Fortunately, using KSTD shop drawings, Troy Industrial Solutions was able to fabricate identical new bar screens and chutes. Troy's crew also demo'd the old units and installed the new ones into the channels.



PBU 1 & 2 Installed and in service.

I wish to acknowledge the staff, administrators, and trustees of KSTD for the dedication and perseverance to successfully meet our goals for 2022 in spite of the unprecedented challenges presented to us. KSTD did not need to report a single plant effluent violation to the DEP for the calendar year with credit due to the entire District staff. I know that we will continue the new year with the same effort and strive to improve wherever we can.

Respectfully submitted,

Lynn Woodard

Lynn C. Woodard Chief Operator / Assistant Superintendent

REPORT OF THE PROCESS CONTROL COORDINATOR

Process Assessment:

During the calendar year of 2022, the District achieved consistently exceptional treatment standards with few process upsets or problems. The percentage of removal of the Biochemical Oxygen Demand [BOD] is typically around 96 %. In essence, this means with a typical BOD of 175 mg/l coming into the plant (Influent), the amount leaving the plant is usually around 7 mg/l. The percent removal of Total Suspended Solids [TSS] is usually even better, with a number hovering around 98 %. So, with an average Influent TSS of 200 mg/ coming into the facility, the amount going to the Kennebec River is around 4 mg/l.

The laboratory and operations staff worked diligently to not only ensure permit compliance, but to produce a pristine effluent as much as practical. On another note, although the tasks for the maintenance staff are completely different to the laboratory and operations, the work



Ronald White Process Control Coordinator

performed is a direct reflection of what happens at our plant. In short, they, too, play a vital part in keeping our discharge to the Kennebec River what it is meant to be.

It's a team effort! The District strives to be "stewards" of the environment. We take deep pride in maintaining a quality of clean water going over the Effluent weirs at KSTD, hoping that others might wish to emulate what we do.

Discharge Violations:

The District reported no plant discharge violations during 2022.

Process Control Changes & Updates:

PROCESS MANAGEMENT: Throughout 2022, the treatment process performed exceptionally well. As stated in the beginning, the performance was due to the collaborative efforts between everyone at the facility. Significant man-hours were invested in through precise laboratory testing and daily operator inspections. The treatment systems were reliable and performed at optimum levels due to the hard work of the maintenance department. Other adjustments and timely communication between staff, too, played an important role.

The District faced a challenge that was significant during 2022. Although the flow and BOD loadings were in the "normal" range, the TSS loadings were at a level the District hadn't seen in quite a few years. These loadings resulted in a rather large increase of Dewatering time, which of course produced a proportional biosolids increase, that total was 9,419 wet tons. As a reference, the previous five-year average 2017-2021) was 7,911 wet tons.

There was much time and effort to meet the different challenges which resulted in the TSS increase, The District analyzed the situation, performed whatever daily tasks necessary, communicated effectively and worked with diligence and thoroughness in exploring the best options in moving forward. **DISCHARGE PERMIT:** The District continues to follow a permit that expired in October 2020. All of the required testing from the expired permit will continue to occur as required on previous permit. This has no impact on our Daily Operation or Laboratory responsibilities. We expect to receive a draft copy of the permit at any time.

LOCAL LIMITS: Local Limits is an integral part of all discharge permits. Local Limits are established individually and are unique for each treatment facility. The limits are intended to protect the receiving water, the treatment process and worker health. Local limits also establish industrial discharge limits as part of the Industrial Pretreatment Program. The District will complete the local limit review after the new permit is issued.

The District continues to monitor the PFAS situation – local, and at the State level – in a variety of ways. We will continue to test as MDEP requires, with thoughts of going beyond what the state is asking. The District is doing this and the hope that building up some data will help MDEP as well as well as us, as a District, going forward. There are many unknowns to how this might affect the District, the SIU's, as well as the community around us. The concern in this area continues to be at a high level.

A quick note on this subject: Since October 2022, with funding from the MDEP, the laboratory has been sending out a monthly Effluent sample to have tested for what's been classified as the "Maine Six" (these are six different PFAS compounds).

EPA INDUSTRIAL PRETREATMENT PROGRAM: Kennebec Sanitary Treatment District has a federally [EPA] approved Industrial Pretreatment Program [IPP]. The IPP program identifies 10 Industrial Users [IU], determines which IUs require permits, and performs inspections and monitoring of 5 Significant Industrial Users [SIU].

The District currently permits SIUs: Huhtamaki Inc., Waterville, Elanco / Lohmann Animal Health International, Winslow, Hawk Ridge Compost Facility, Unity Plantation/ Mid-State Machine Shop/ Katahdin Railcar Services.

The Industrial Permit compliance continues to be strong through the calendar year of 2022. Each required aspect of the program was performed in an effective and timely manner. All other permittees submitted complete thorough reports on time, in good order and are currently in full permit compliance.

Acknowledgement:

I wish to acknowledge the plant staff for all their hard work during the past year. As the old saying goes "There is no I in team" and that's simply the best way to operate. I appreciate the continued professionalism, insight, and commitment as we all work at being Environmental Stewards for our community.

Respectfully Submitted,

Ronald White

Ronald White Process Control Coordinator

Kennebec Sanitary Treatment District 2022 Annual Report

2022 FINANCIAL STATEMENTS