

Attachment 5 –

SEWPBPD Biennial WPDES Report – March 31, 2021 to March 31, 2023

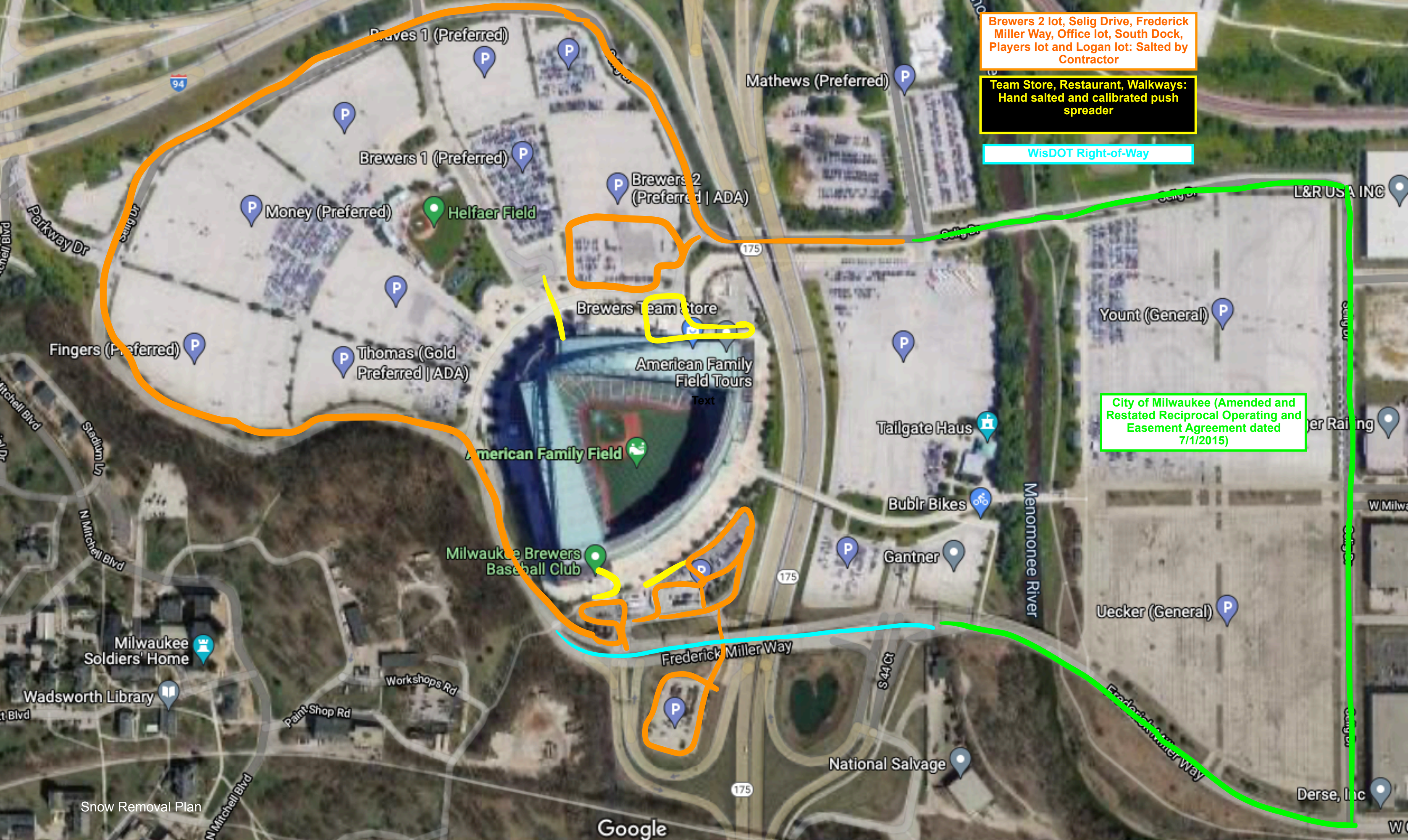
Winter Road Management Files

- Salt Usage Totals
- Snow Removal Map
- Salt Equipment Calibration & Correspondence
- Salt Reduction Strategy Training Staff Training Information

Salt Usage 2021 Calendar Year				
Month	Rock Salt (NaCl) lbs	Rock Salt (NaCl) Tons	Sidewalk Salt (MgCl2, CaCl2, NaCl) (lbs)	Sidewalk Salt (MgCl2, CaCl2, NaCl) (Tons)
January	93,000	46.50	1,575	0.7875
February	108,000	54.00	2,800	1.4000
March	15,000	7.50	100	0.0500
April	-	-	-	-
November	-	-	-	-
December	-	-	40	0.0200
Yearly Totals in lbs	216,000	108.00	4,515	2.2575

January	Rock Salt		Sidewalk Salt	
1/2/2021	9,000.00	4.50	150	0.0750
1/3/2021	4,000.00	2.00		
1/4/2021	8,000.00	4.00	250	0.1250
1/11/2021	5,000.00	2.50	100	0.0500
1/15/2021	4,000.00	2.00	225	0.1125
1/16/2021	7,000.00	3.50	200	0.1000
1/18/2021	6,000.00	3.00		
1/19/2021	9,000.00	4.50	150	0.0750
1/20/2021	6,000.00	3.00	250	0.1250
1/24/2021	8,000.00	4.00	50	0.0250
1/26/2021	9,000.00	4.50	150	0.0750
1/27/2021	6,000.00	3.00	50	0.0250
1/31/2021	12,000.00	6.00		
Monthly Totals lb's	93,000.00	46.50	1,575.00	0.7875
February	Rock Salt		Sidewalk Salt	
2/4/2021	14,000.00	7.00	500	0.2500
2/5/2021	6,000.00	3.00	250	0.1250
2/12/2021	12,000.00	6.00	700	0.3500
2/13/2021	8,000.00	4.00	450	0.2250
2/14/2021	14,000.00	7.00		
2/16/2021	10,000.00	5.00	250	0.1250
2/17/2021	4,000.00	2.00		
2/18/2021	9,000.00	4.50		
2/19/2021	7,000.00	3.50	200	0.1000
2/20/2021	7,000.00	3.50		
2/21/2021	6,000.00	3.00	400	0.2000
2/26/2021	5,000.00	2.50	50	0.0250
2/27/2021	6,000.00	3.00		
Monthly Totals lb's	108,000.00	54.00	2,800.00	1.4000
March	Rock Salt		Sidewalk Salt	
3/2/2021	6,000	3.00	50	0.0250
3/3/2021	5,000	2.50		
3/4/2021	4,000	2.00	50	0.0250
Monthly Totals lb's	15,000.00	7.50	100.00	0.0500
April	Rock Salt		Sidewalk Salt	
	-	-	-	-
November	Rock Salt		Sidewalk Salt	
	-	-	-	-
Monthly Totals lb's	-	-	-	-
December	Rock Salt		Sidewalk Salt	
			40	0.0200
Monthly Totals lb's	-	-	40.00	0.0200

Salt Usage 2022-23 Calendar Year				
Month	Total Salt Usage (lbs)	Total Salt Usage (Tons)		
Jan-22	90,400	45.200		
Feb-22	287,600	143.800		
Mar-22	54,150	27.075		
Nov-22	40,450	20.225		
Dec-22	114,050	57.025		
Jan-23	46,750	23.375		
Feb-23				
Mar-23				



Brewers 2 lot, Selig Drive, Frederick Miller Way, Office lot, South Dock, Players lot and Logan lot: Salted by Contractor

Team Store, Restaurant, Walkways: Hand salted and calibrated push spreader

WisDOT Right-of-Way

City of Milwaukee (Amended and Restated Reciprocal Operating and Easement Agreement dated 7/11/2015)

Snow Removal Plan

Google

Apartments

Yount Dr

Parkway Dr

175

N 4

Closed in winter

Spahn Lot P

Molitor (General) P

Story Parkway

N 44th St

Val

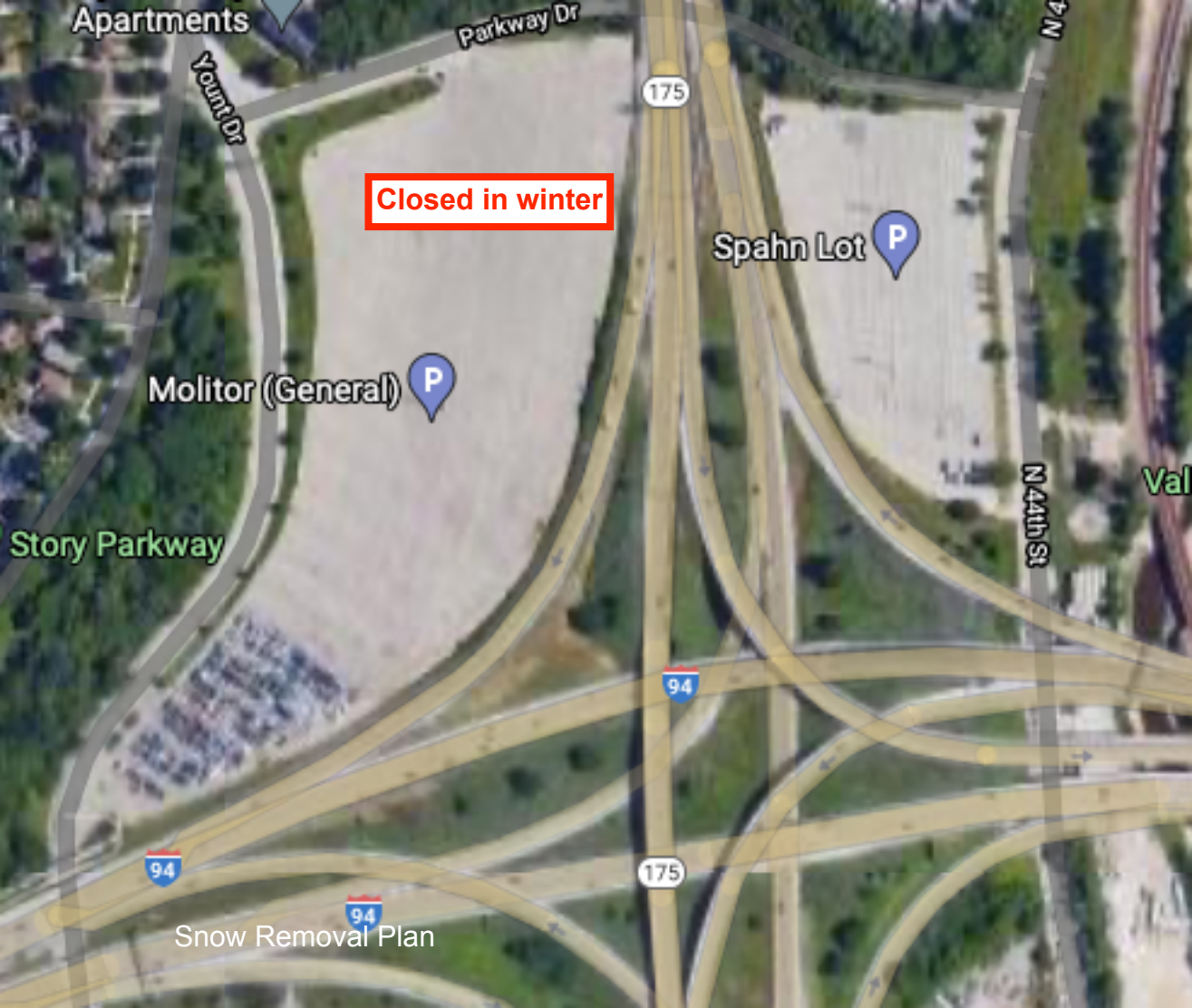
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175

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Snow Removal Plan



American Family Field site salting

The 2008 Peterbilt 330 Salt Truck that salts the 20 acres at American Family Field is always set at Auger on 1 and calibrated annually before winter. With Auger on 1 and truck between 1400 - 1800 RMPs while salting lots & roadway applies 500Lbs per Acre. Any questions give me a call. Have a great day.

Thomas Weber
Weber Landscaping Inc.

Subject: FW: Salt calibration on truck
Date: Thursday, February 2, 2023 at 11:58:31 AM Central Standard Time
From: Brockman, Mike <Mike.Brockman@brewers.com>
To: Kathryn M. McNelly Bell <kmcnelly@kapurinc.com>
CC: Kristi Kreklow <kkreklow@wibaseballdistrict.com>
Attachments: image139192.png, image151683.png, image082982.png, image542678.png

From: Woodley, Ryan <Ryan.Woodley@brewers.com>
Sent: Thursday, February 2, 2023 9:08 AM
To: Brockman, Mike <Mike.Brockman@brewers.com>
Subject: FW: Salt calibration on truck

RYAN WOODLEY
Milwaukee Brewers Baseball Club
Senior Director - Grounds
Ryan.Woodley@brewers.com • 605-940-8770
American Family Field • One Brewers Way • Milwaukee, WI 53214

From: weberlandscaping@tds.net <weberlandscaping@tds.net>
Sent: Monday, January 30, 2023 10:18 AM
To: Woodley, Ryan <Ryan.Woodley@brewers.com>
Subject: Salt calibration on truck

Good Morning Ryan,

The 2008 Peterbilt 330 Salt Truck that salts the 20 acres at American Family Field is always set at Auger on 1. With Auger on 1 and truck between 1400 – 1800 RMPs while salting lots & roadway applies 500lbs per Acre. Any questions give me a call. Have a great day.

Thomas Weber
Weber Landscaping Inc.

Spreader Equipment Calibration

Spreader Number		Spreader Setting	Tire Pressure		Date
#1		M	25	24	12/6/2021
#2		M	25	25	12/6/2021
#3		Z	25	25	12/6/2021
#4		Z	25	25	12/6/2021

Owner:

Zak Peterson

FW: Sweeping Budget

Brockman, Mike <Mike.Brockman@brewers.com>

Mon 2/27/2023 8:02 AM

To: Kristi Kreklow <kkreklow@wibaseballdistrict.com>

Sweeping budget below. We also budget \$1000/yr for inlet stencils.

There are approximately 10.4 lane miles of roadway managed for snow/ice.

Please let me know if there is anything else needed from the Brewers.

From: Lehmann, Matt <Matt.Lehmann@brewers.com>

Sent: Friday, February 24, 2023 11:12 AM

To: Brockman, Mike <Mike.Brockman@brewers.com>

Subject: Sweeping Budget

I budgeted \$17,600 but most likely we will come in somewhere in the \$12-14K range currently with the schedule I sent them.



MATT LEHMANN

Milwaukee Brewers Baseball Club

Senior Director - Event Services

Matt.Lehmann@brewers.com • [414-902-4445](tel:414-902-4445)

American Family Field • One Brewers Way • Milwaukee, WI 53214

[BREWERS.COM](https://www.brewers.com)

TICKETS

Wisconsin Salt Wise



WI Salt Awareness Week: January 24-28, 2022

[Register here](#) to join the YouTube livestreams of area experts diving into [#thetruecostofsalt](#) on our drinking water, pets, and freshwater ecosystems.

MONDAY - The Environmental Toll of Salt and Deicers

Speakers: Bayley Wilmoth and Katie Cassidy

TUESDAY - We're Salting our Drinking Water

Speakers: Ken Bradbury

WEDNESDAY - Water Softener Salt Goes Where?

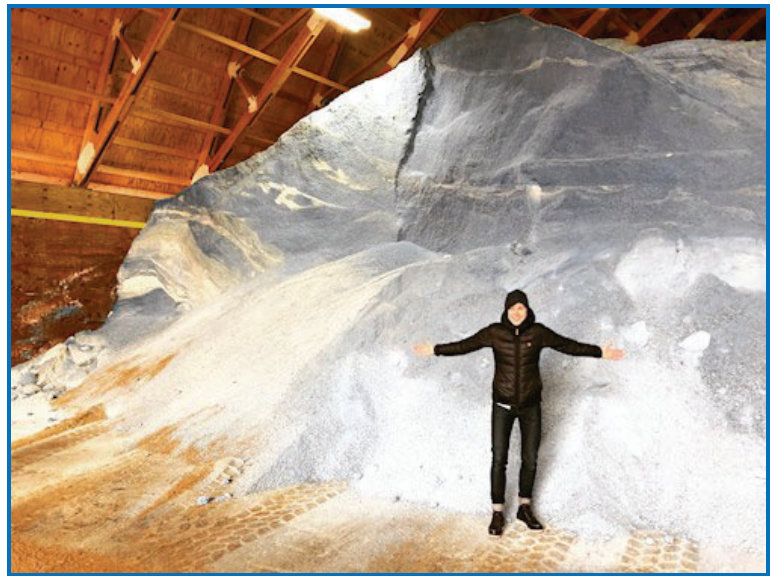
Speaker: Kathy Lake

THURSDAY - Let's Teach about Salt

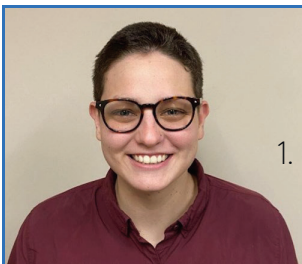
Speaker: Lexi Passante and Kevin Anderson

FRIDAY - Salt Reduction Efforts across Wisconsin

Panel Discussion: Emil Juni (DOT), Cory Tietz (City of Eau Claire), Matt Maier (Envirosealers), and Katie Rademacher (Milwaukee Riverkeeper)



WI Salt Awareness Week 2022 Speakers:



Bailey Wilmoth, Doctoral Research Assistant, University of Toledo and Lake Erie Center

1. Bayley is a Ph.D. student at the University of Toledo in Dr. William Hintz's lab. Her research focuses on the consequences of multiple-stressor interactions on the stability of freshwater communities. One of the stressors she is investigating is freshwater salinization.



WISCONSIN SALT WISE CERTIFICATION
This is to certify that on February 11th, 2021

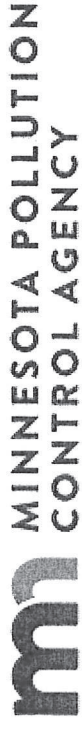
Zak Peterson

passed the certification examination and demonstrated basic knowledge on best management practices to control snow and ice on area roadways, parking lots, driveways and sidewalks, and reduce salt pollution.

Your Knowledge and Actions Will Help Protect Local Lakes, Streams, and Drinking Water.

This individual is recognized as a certified applicator by Wisconsin Salt Wise, valid until February 11th, 2026





SNOW & ICE CONTROL BEST PRACTICES



This certifies that

Grant Roth

has successfully passed the certification examination and has volunteered to apply snow and ice control using best management practices.



A handwritten signature in black ink, appearing to read 'Cheryl Nenn'.

Cheryl Nenn

Milwaukee Riverkeeper

September 7th, 2022

Date

RE: Free, Online Smart Salting for Roads training on Thursday, February 11

Brockman, Mike <Mike.Brockman@brewers.com>

Mon 2/1/2021 4:13 PM

To: Kristi Kreklow <kkreklow@wibaseballdistrict.com>

We plan to have someone sign up



MIKE BROCKMAN
Milwaukee Brewers Baseball Club
Senior Director - Facility Services

Mike.Brockman@brewers.com • 414-902-4443
American Family Field • One Brewers Way • Milwaukee, WI 53214



From: Kristi Kreklow <kkreklow@wibaseballdistrict.com>
Sent: Monday, February 1, 2021 4:09 PM
To: Brockman, Mike <Mike.Brockman@brewers.com>
Subject: Fw: Free, Online Smart Salting for Roads training on Thursday, February 11

Hi Mike,

As part of the District's efforts towards its WPDES permit public education and outreach requirements (which can include internal training), would you or someone else from the Brewers who deals with the snow removal contractor be able to register for this free training?

<https://www.wisaltwise.com/Winter-Salt-Certification>

	<p><u>Winter Salt Certification</u></p> <p>Certification Class. This 4-hour workshop consistently impresses public and private winter maintenance professionals with industry-leading guidance on how to calculate and apply the precise amount of de-icing material necessary to keep parking lots, roads, sidewalks and driveways safe.</p> <p>www.wisaltwise.com</p>
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Kristi Kreklow | Associate Director

Southeast Wisconsin Professional Baseball Park District

American Family Field

1 Brewers Way Milwaukee, WI 53214

E-mail: kkreklow@wibaseballdistrict.com

P: (414) 902-4045 C: (414) 628-5933

From: Katt, Samantha J - DNR <samantha.katt@wisconsin.gov>
Sent: Monday, January 25, 2021 9:09 AM
Cc: Zimmerman, Jacob L - DNR <Jacob.Zimmerman@wisconsin.gov>
Subject: FW: Free, Online Smart Salting for Roads training on Thursday, February 11

Good Morning!

For those who are interested in a free, online training about winter salting see the email below.

This event is a great opportunity to learn about simple practices that can save you time, budget, and protect our waters. (It also can assist satisfy the pollution prevention training permit condition!)

Any questions should be directed to Allison Madison at allisonm@madsewer.org.

Samantha Katt
Phone: (414) 522-0073
Samantha.Katt@wisconsin.gov

Subject: Free, Online Smart Salting for Roads training on Thursday, February 11

FYI

Wisconsin Salt Wise is hosting a **free, online Smart Salting for Roads training on Thursday,**

February 11. Join managers, applicators and others involved in the world of winter maintenance to learn about simple practices that can save you time, budget and protect our waters. Municipalities that have attended previous trainings have cut salt use by 30-70% without impacting public safety. **The training will be co-taught with public works staff.**

February 11 – Roads Training

The training will cover:

- best management practices to keep paved surfaces safe,
- benefits of transitioning to liquids (anti-icing, prewetting and pretreated salts),
- guidance on how to determine the right amount of salt to use, and
- case studies from Wisconsin communities

All workshops will be led by Fortin Consulting. Visit the [WI Salt Wise](#) website for more information or to register.

Contact Allison Madison, allisonm@madsewer.org with questions.