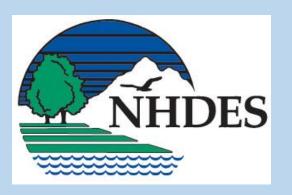
Green SnowPro The New Hampshire Experience

Ted Diers, Aubrey Voelker, and Steve Landry





New Hampshire's Salty History – Ted Diers



- First in the nation to use salt for regular winter road maintenance (1938)
- Salt use has doubled in past 40 years
- Chloride impairment trend is not good (18 in 2008, 40 in 2010, over 50 in 2023)
- Chloride contamination of water supply wells has increased by 150 percent over last 30 years



I-93 Expansion

Double the size of the highway

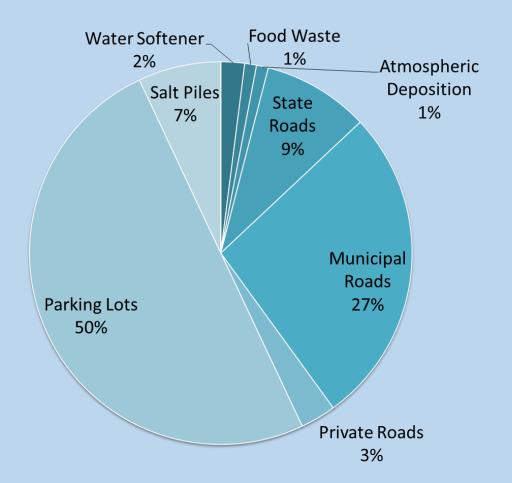
Bigger off and on-ramps.

Park-n-rides.

Drainage -- open to closed system.

More plowing = more salt.





Policy Brook Sectors	Reduction needed
DOT – 2 Lanes	0
Municipal roads	41%
Private	50%
TOTAL *	35%
DOT - 4 lanes	12%



In 2013, House Bill 523 created Voluntary Commercial Salt Applicator Certification Program: Green SnowPro.

NHDES Green SnowPro certified Commercial Salt Applicators and property owners who hire them, are granted limited liability protection against damages arising from snow and ice conditions.



508:22 Liability Limited for Winter Maintenance. –

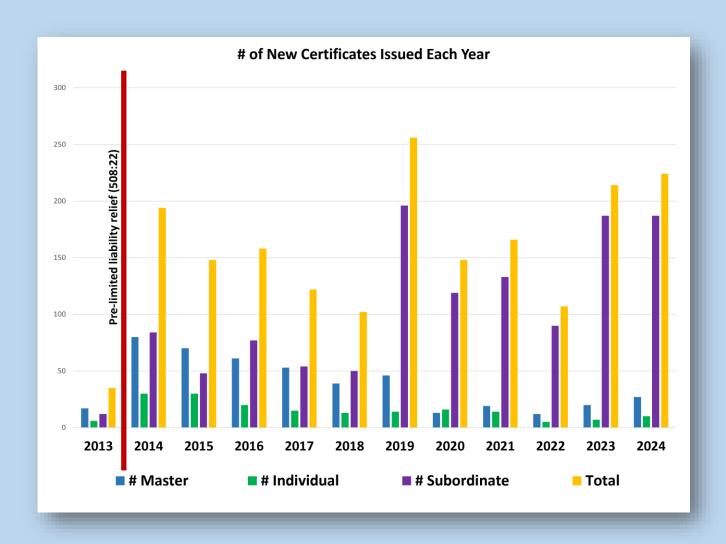
II. In order to receive the liability protection provided in paragraph I, a commercial applicator as defined in RSA 489-C:1, II, or an owner, occupant, or lessee of land shall keep a written record describing its winter road, parking lot and property maintenance practices. The written record shall include the type of de-icing materials used, the rate or quantity of deicing materials used, the dates of treatment, and the weather conditions for each event requiring deicing. Such records shall be kept for a period of 3 years (soon to be 6 years).





Green SnowPro Program

- Reduce the hurdles to salt reduction
- Incentivize training
- Build in accountability
- Normalize behavior
 - Track salt use
 - Better documentation



Green SnowPro Today

Aubrey Voelker







1. Coursework



Technology Transfer Center

New Hampshire LTAP at UNH





2. Apply & Certify





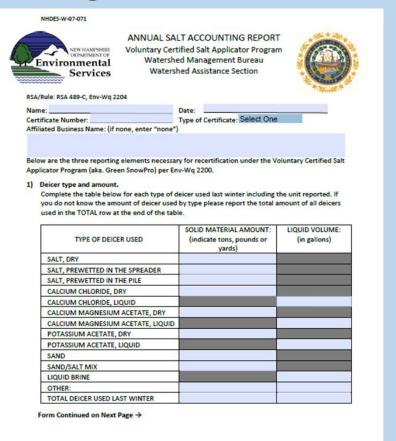
RSA 489-C; Env-Wg 2200 Applicant Information	GR Snc	EEN	NHDES Use Only Cert II: Processed Date:
FIRST NAME:	MIDDLE:	LAST	
DAYTIME PHONE NO. (include a	rea code):	EMAIL:	
Address STREET: TOWN/CITY: STATE: ZIP C Information for Affiliated Business BUSINESS NAME: DAYTIME PHONE NO. (include as		Mailing Address (if d STREET: TOWN/CITY: STATE: " after Business Name.)	ZIP CODE:
Address		Mailing Address (if d	ifferent)
STREET:		STREET:	
TOWN/CITY:		TOWN/CITY:	
STATE: ZIP C	ODE:	STATE:	ZIP CODE:
f the applicant or affiliated busin address of a person whose domic summons and legal notices of all	ile is in the state and w	ho is authorized to receiv	ve and accept service of
FIRST NAME:	L	ST NAME:	
STREET:			
STREET: TOWN/CITY:			

Annual Renewal

Certification must be renewed annually

- Renewal Application
- Annual Salt Use Report
- Continuing Education

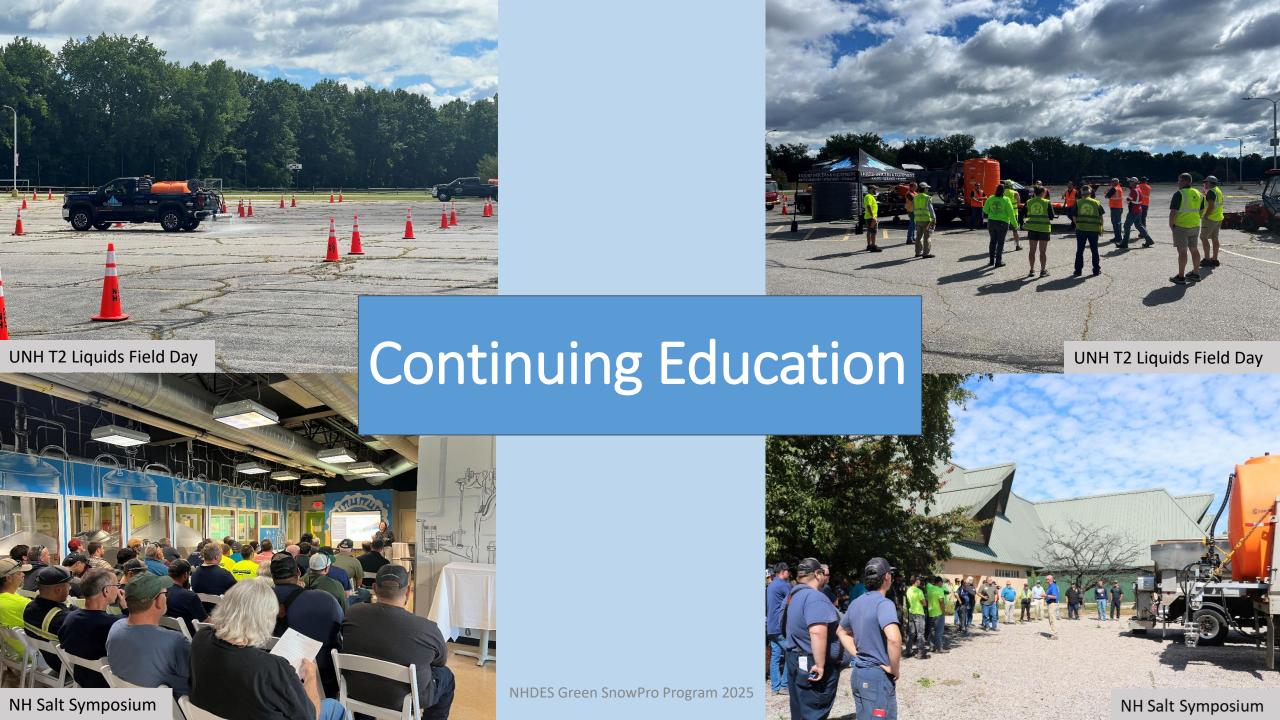












Annual Certification Fees - Commercial

- Master Certificate \$250
- Subordinate Certificate \$25 (max \$100 Subordinate fee)
 - Subordinate certificate holders are not required to submit an annual Salt Use Report.
 Their salt use is included under the Master Certificate holder.
- Individual Certificate \$150
- Most companies with multiple snow and ice management employees will have an annual certificate fee of \$350
- Training/Course fee are separate from the annual certification fees
 - Training fees will vary depending on type or training (Full vs Refresher) and training provider.
 - Training fees are set by the training provider; NHDES does not receive training fees.





The State of New Hampshire Department of Environmental Services

certifies that

Shawn O'Keefe

having submitted satisfactory evidence of knowledge and training in accordance with the provisions of RSA 489-C has been awarded this certificate as a

Certified Salt Applicator -- Master

Certificate Number: 358

Date of issue: 07/01/2024 Date of Expiration: 06/30/2025

Trin L. Holmes

Administrator, Watershed Management Bureau

2013/2014 Winter Season

- 35 Green SnowPro certificates issued
- 22 companies

10 years later

2023/2024 Winter Season

- 712 Green SnowPro certificates issued
- 177 companies

Voluntary Municipal Green SnowPro

Administrative rules were adopted by NHDES on May 23, 2024.

Three tiers of certification: Standard, Advanced, Expert

- Annual certification fee of \$450 per municipality
 - The fee covers all snow and ice management employees who have completed required coursework
- Training/Education
- Salt reduction plan
- Storage requirements for all de-icing and anti-icing materials
- Required documentation on equipment calibration
- Advanced and Expert require implementation of additional BMPs

Green SnowPro Limited Liability Protection Case Study

Steve Landry







Until 2022, slip and fall claims involving Green SnowPro contractors were withdrawn or settled without trials for two reasons:

- 1. Avoiding lengthy, expensive trials
- 2. Lapses in contractor training, record-keeping, or maintaining Green

SnowPro certification in line with RSA 508:22

Defendants appear to argue that they are entitled to immunity solely due to the fact that they hired a certified salt applicator, regardless of whether the applicator's records meet the statutory requirements. The Court disagrees. RSA 508:22, II explicitly states that "[i]n order to receive the liability protection provided in paragraph I, a commercial applicator as defined in RSA 489-C:1, II, or an owner, occupant, or lessee of land shall keep a written record describing its winter road, parking lot and property maintenance practices." (emphasis added). Because Alliance has failed to meet this requirement, the burden is on defendants to produce such records in order to preserve their claim of immunity. As they have failed to do so, defendants are not entitled to NHDES Green SnowPro Program 2025 immunity under the statute.

NHDES-W-07-071				
	ANNUAL SA	LT ACCOUNTING REPORT	AUG - 82 A	
Environment Service	al Watershe	Voluntary Certified Salt Applicator Program Watershed Management Bureau Watershed Assistance Section		
RSA/Rule: RSA 489-C, E	Env-Wq 2204			
Name:		Date:		
Certificate Number:				
Applicator Program (aka. Green SnowPro) per E	nv-Wq 2200.		
Deicer type and Complete the ta you do not know	amount. ble below for each type of	deicer used last winter including to be type please report the total a		
Deicer type and Complete the ta you do not know used in the TOTA	amount. ble below for each type of v the amount of deicer used	deicer used last winter including to by type please report the total able. SOLID MATERIAL AMOUNT: (indicate tons, pounds or		
Deicer type and Complete the ta you do not know used in the TOTA	amount. ble below for each type of v the amount of deicer used AL row at the end of the tab	deicer used last winter including to by type please report the total a ple. SOLID MATERIAL AMOUNT:	emount of all deicers	
Deicer type and Complete the ta you do not know used in the TOT/	amount. ble below for each type of v the amount of deicer used AL row at the end of the tab	deicer used last winter including to by type please report the total able. SOLID MATERIAL AMOUNT: (indicate tons, pounds or	emount of all deicers	
1) Deicer type and Complete the ta you do not know used in the TOT/ TYPE SALT, DRY SALT, PREWET	amount. ble below for each type of or the amount of deicer used AL row at the end of the table OF DEICER USED	deicer used last winter including to by type please report the total able. SOLID MATERIAL AMOUNT: (indicate tons, pounds or	emount of all deicers	
1) Deicer type and Complete the ta you do not know used in the TOT/ TYPE SALT, DRY SALT, PREWET	amount. ble below for each type of or the amount of deicer used AL row at the end of the tab OF DEICER USED TED IN THE SPREADER TED IN THE PILE	deicer used last winter including to by type please report the total able. SOLID MATERIAL AMOUNT: (indicate tons, pounds or	amount of all deicers	

Property Location:			Heavy Snow	Freezing Rain		
Date	Time Started	Time Completed	Weather Conditions	Ice Removal Activities	Person(s) Performing the Snow - Ice	Supervisor Comments
				Sand, Salt, Shovel, Snow Blower	Removal	
=		iii				
=						

This is a premises liability action stemming from an incident that occurred on February 21, 2019, in which the plaintiff, Amy Rogers, was severely injured after slipping and falling on unmaintained snow and ice in a parking space at the Fairways Apartment complex in Derry, New Hampshire. The plaintiff's claims were based on theories of negligence against the plaintiff's landlord, Chartwell New Hampshire Associates, LLC ("Chartwell"), and the winter maintenance contractor hired to remove snow and ice from the paved areas of the Fairways, North Point Holdings, Inc. D/B/A North Point Outdoors ("North Point").

The trial for the above-captioned matter was held from October 31, 2022 until November 7 2022. During the trial, the defendants asserted a statutory defense pursuant to R.S.A. 508:22,







NHDES Green SnowPro Program 2025

- **Defendant**: North Point Outdoors
- Size: 140 employees during peak winter operations
- Fleet:
 - 80 trucks and heavy equipment
 - 40 sidewalk machines
- Ten-year contract with Chartwell Management
- **Ten years** as New Hampshire Green SnowPro

• **Zero** prior claims at The Fairways



- **Defendant**: North Point Outdoors
- Northpoint Outdoors Three-tier Training

Pre-season

- Full-day sessions before winter arrives
- Green SnowPro trainings and exams
- Hands-on training at NPO HQ and off-site

In-season

- Continuous on application rates, plowing techniques, and site map reviews
- Regular updates and adaptations for sitespecific challenges

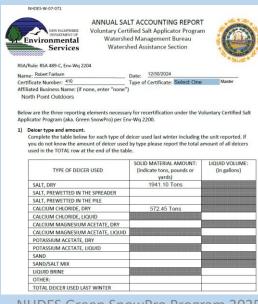
Post-season

• Evaluate contract performance, successes and areas needing improvement



- Defendant: North Point Outdoors
- Northpoint Outdoors commitment to excellence
 - Hands-on and technical training
 - Fleet maintenance training and support
 - Multiple on-road technicians for real-time support
 - Meticulous record keeping and retention







NHDES Green SnowPro Program 2025

Plaintiff Claim to Expose Negligence			North Point Outdoors Defense	
Find holes in scope of contract compared to services rendered.		I to services rendered.	Contract represents best practices which are strictly followed. GPS and ASPIRE software tracking proved that North Point crew time on site for each snow event were appropriate.	
Failure to use best practices for snow removal.		noval.	North Point site management processes were thorough and supported by evidence by multiple parties.	
Failure to follow ALL Green SnowPro Guidance Manual practices. Training Materials for Best Management Practices for		dance Manual	Green SnowPro is guidance and snow events present thousands of variables that require adaptive decision-making. No one-size-fits-all game plan for any property .	
	Winter Road, Parking Lot, and Sidewalk			



Date of Publication: January 31, 2014



Plaintiff Claim to Expose Negligence	North Point Outdoors Defense
Alleged failure to clear pathways between parked cars.	Logistically impossible during active snow event due to plow widths and resident behaviors (or lack thereof). Some vehicles had not been moved for months.
Counsel presented photos of uncleared areas .	Timing of photos was crucial to consider as they were taken before cleanups occurred.
Alleged slip and fall occurred on parking lot where snow had not been removed.	A witness testified that they saw the plaintiff fall off a grass island curb as she was getting into her car.



"After thorough questioning, it became evident that our focus on best practices and our highly trained team executed the storm response to perfection, eliminating any allegations against us". – Robert Fairburn, North Point Outdoors



ORDER ON VERDICT

The jury having found the defendants not liable in this case, judgment is entered in favor of the defendants. The plaintiff is granted 10 days to file any post-verdict pleadings.

Date: November 8, 2022

Hon, David W. Ruoff

3. On November 16, 2022, Plaintiff filed her Motion for Judgment Notwithstanding the

Verdict. On December 9, 2022, the Plaintiff's Motion for Judgment Notwithstanding the Verdict was denied.

Motion Denied. The jury's verdict is soundly supported by the evidence concerning the defendant's defense under RSA 508:22. There were factual disputes concerning whether the defendants complied with RSA 508:22, and the jury was free to credit the evidence in favor of that defense. This is not a case in which the evidence was overwhelmingly in favor of the Plaintiff with respect to that particular defense.

Thus, judgment as a matter of law, notwithstanding the verdict, is not appropriate in this case.

The verdict was reasonable in light the evidence produced at the trial.

Honorable David W. Ruoff
December 9, 2022

ROCKINGHAM COUNTY COURTHOUSE

4. On January 9, 2023, Ms. Rogers filed a Rule 7 Notice of Mandatory Appeal. This appeal is currently pending.

13. Given the fundamental disagreement between Amy Rogers and her current counsel regarding the merits of the pending appeal, representation of Ms. Rogers by her current counsel has been rendered unreasonably difficult. Therefore, counsel requests to withdraw from representation of Ms. Rogers. Counsel further requests that Ms. Rogers be afforded additional time to retain new counsel prior to incurring the costs associated the compilation of the trial court transcript, or the issuance of a scheduling order for this appeal.



THE STATE OF NEW HAMPSHIRE

SUPREME COURT

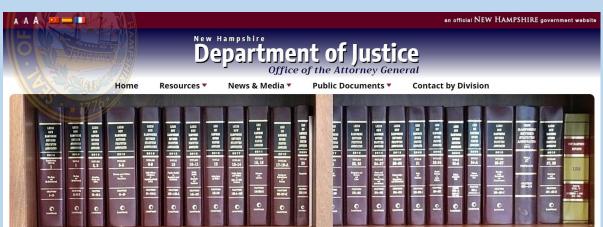
In Case No. 2023-0016, <u>Amy Rogers v. Chartwell</u>

<u>Management, LLC & a.</u>, the court on <u>May 17, 2023</u>, issued the following order:

Amy Rogers has not responded to the March 22, 2023 and May 2, 2023 orders concerning her (or her new counsel's) need to register in the court's electronic filing (e-filing) system, nor has she filed a motion to be exempt from e-filing. Accordingly, the appeal is dismissed.

Appeal dismissed.

This order is entered by a single justice (Donovan, J.). See Rule 21(7).





New Hampshire Judicial Branch





NHDES Green SnowPro Program 2025



Green SnowPro Program Plows Ahead!

- State of the science and industry BMP manual, curriculum, and exams
- Outreach to the legal and insurance communities
- Improve salt accounting system and online certification system
- Education on how to handle slip and fall claims, and contracts
- Add accountability procedures for all Green SnowPros and implement
- Provide marketing materials to existing Green SnowPros
- Loan and grant opportunities for brine and other equipment
- Funding for agency staffing



Questions?

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Aubrey Voelker <u>aubrey.r.voelker@des.nh.gov</u>

Steve Landry stephen.c.landry@des.nh.gov





