Salt of the Earth

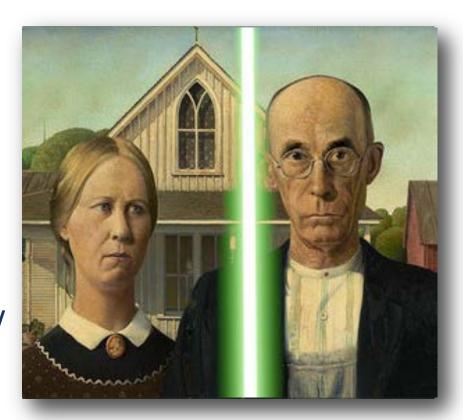
Transforming the art of snow removal in New Hampshire



Salt of the Earth

 A decent, dependable, unpretentious person.

Salary = salt money



Sources: Etsy, Art Institute of Chicago

Salt of the Earth



It's all about the people ...

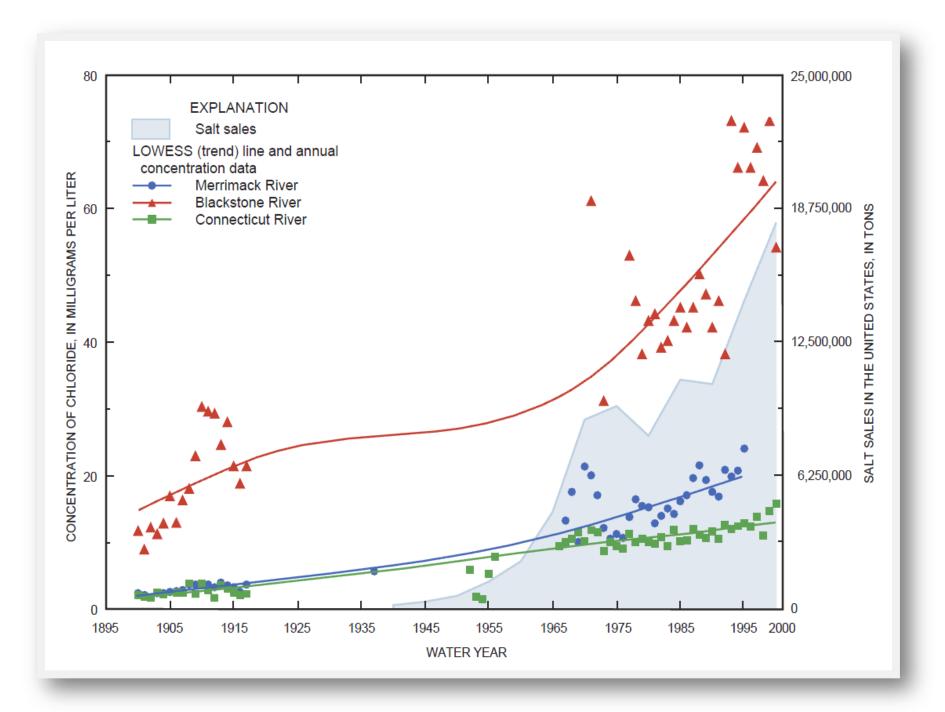


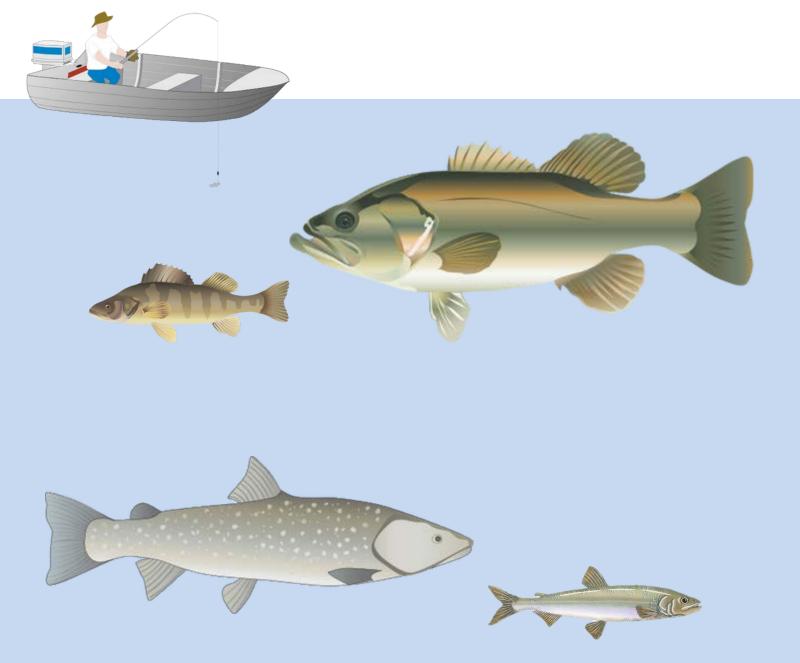
Salt is an issue in NH



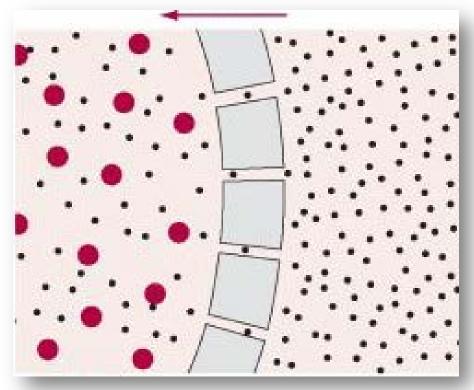








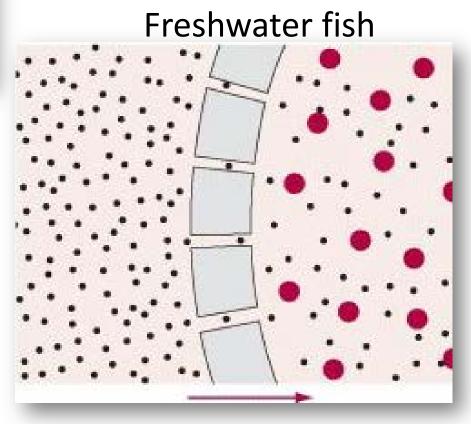
Source: Kim Kraeer, Lucy Van Essen-Fishman, Integration and Application Network, University of Maryland Center for Environmental Science (ian.umces.edu/imagelibrary/).



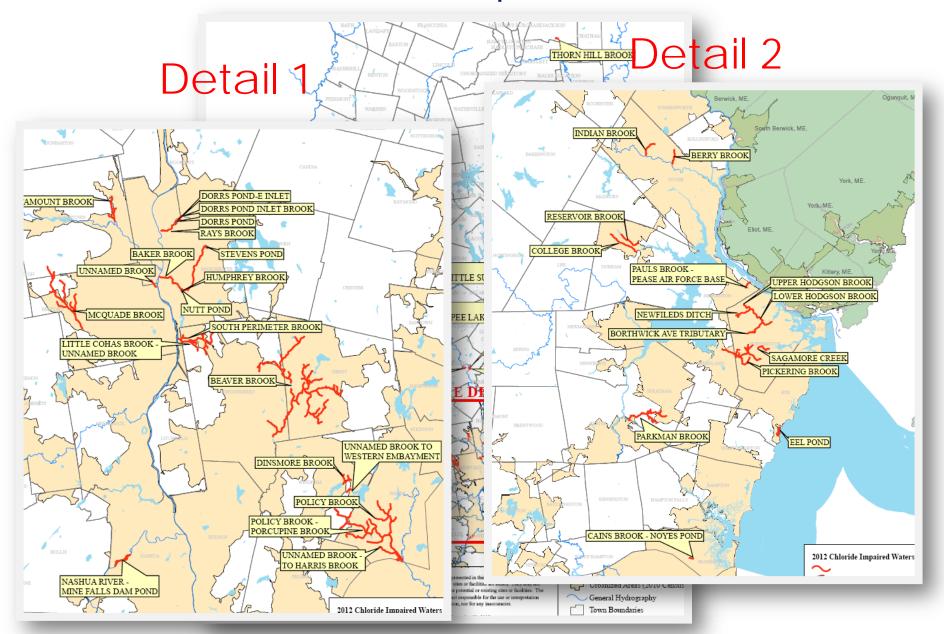
Saltwater fish

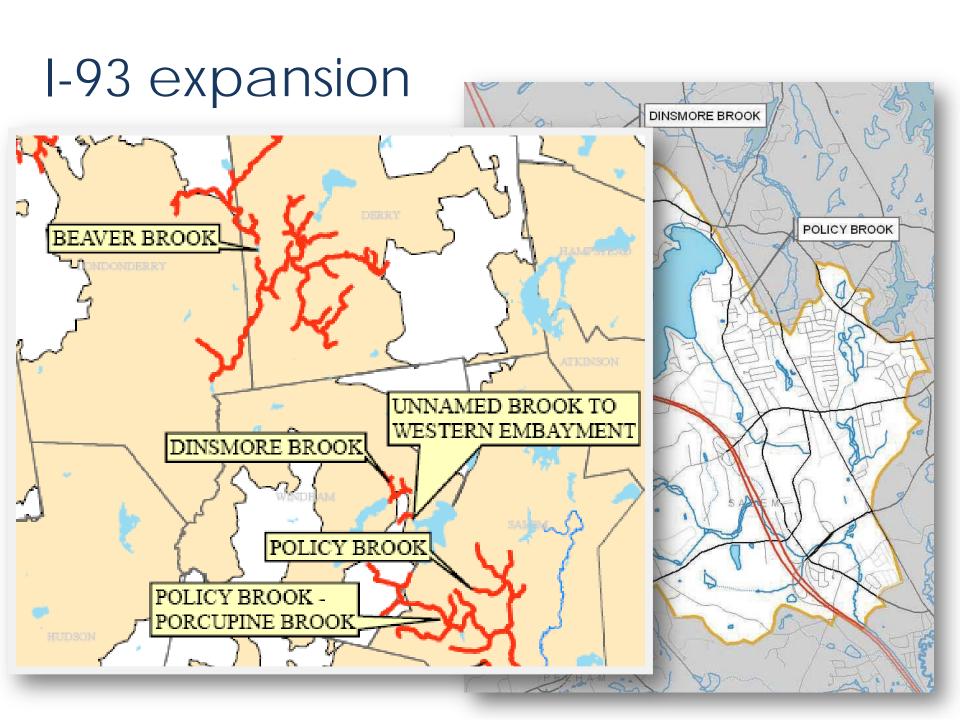
Salt is toxic!

Osmosis happens!

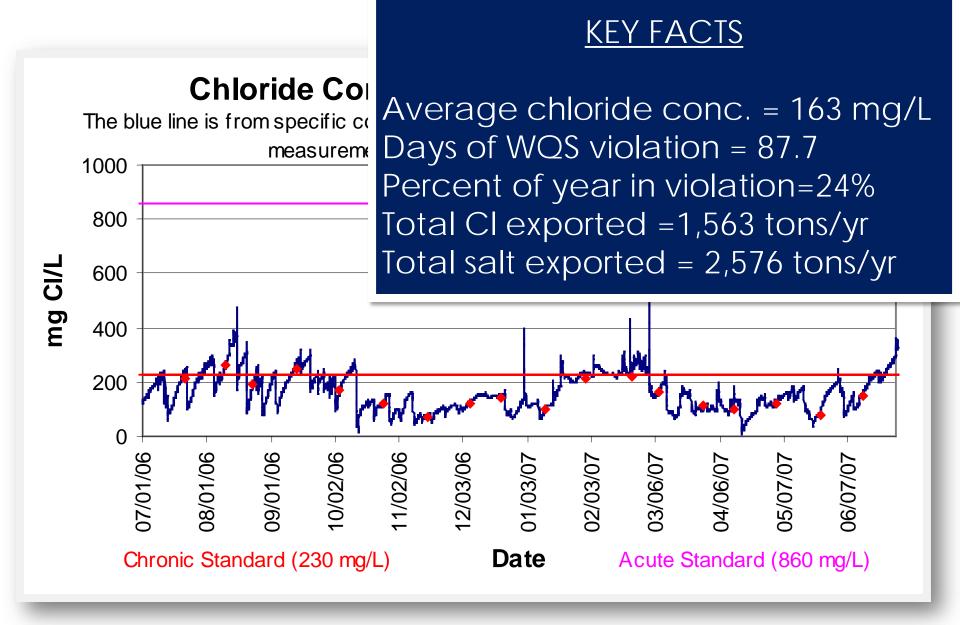


2012 Chloride Impaired Waters



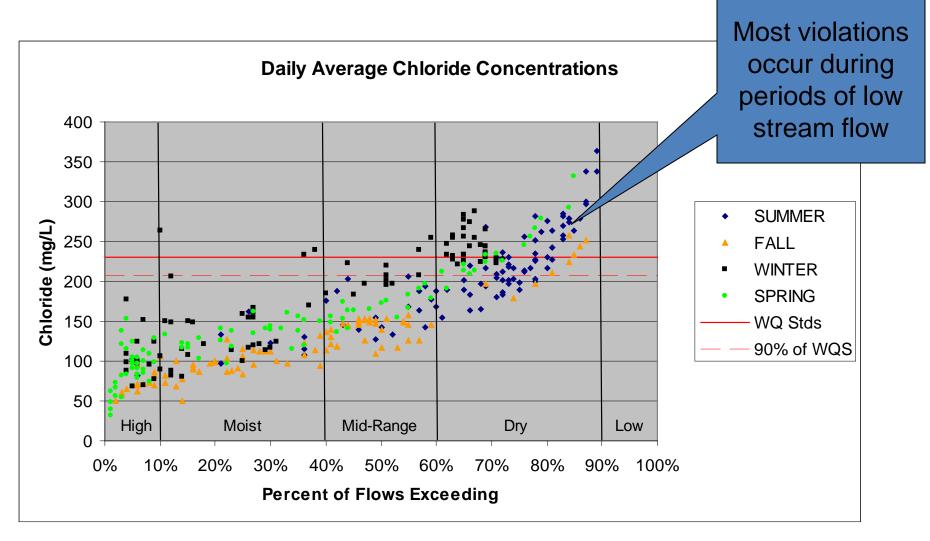


Policy Brook Data

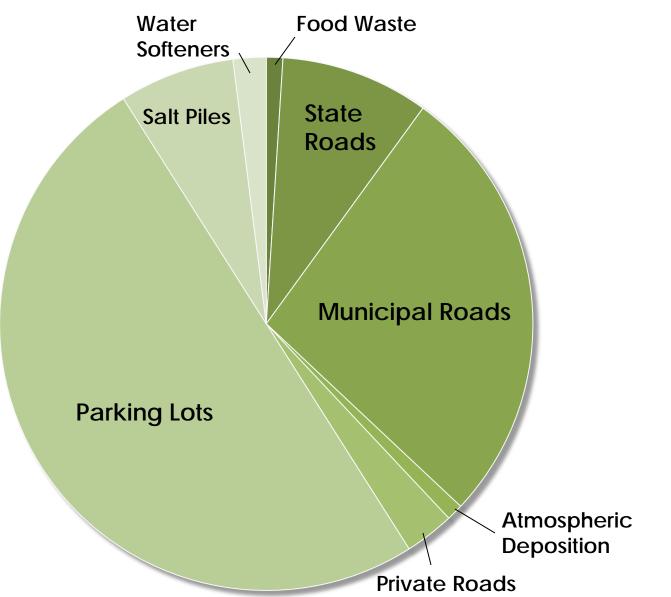


TMDL

Based on flow duration curve



Where Does the Salt Come From?



So

- Toxic situation for fish
- Residential well replacements
- Dead trees and plants
- 41 Impairments in NH
- 4 TMDLs
- Expansion of I-93 limited
- Other potential limits to developments
- Requirements in MS4 permits







Overcoming the Challenges

- Practice of snow and ice removal
- Liability
- Culture



Salt Applicator Certification Program

- Improve efficiency
- Reduce costs
- Maintain public safety
- Track usage/documentation
- Improve environmental quality



Green Snow Pro Certification Course

A University of New Hampshire Technology Transfer Center Training Course

> Presenter: Patrick Santoso





Program Overview

Environmental & Infrastructure Concerns	(20 Minutes)
 Pre-Season Preparation, Site Inspection & Expectations 	(20 Minutes)
Calibration Demo	(45 Minutes)
• Pre-Treatment: Before the Storm	(35 Minutes)
During The Storm Activities	(45 Minutes)
 Record Keeping & Salt Accounting System 	(10 Minutes)
• Exam Review	(10 Minutes)
• Exam (EASY EXAM!!)	(30 Minutes)

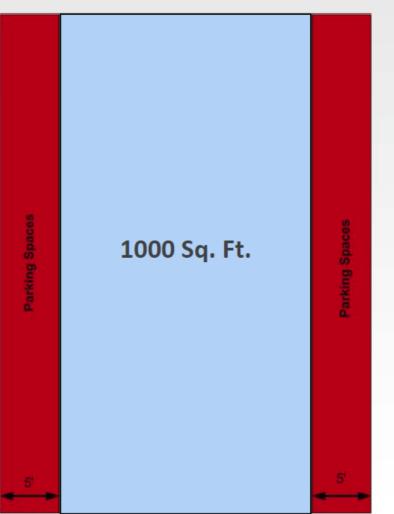






Calibration

50'

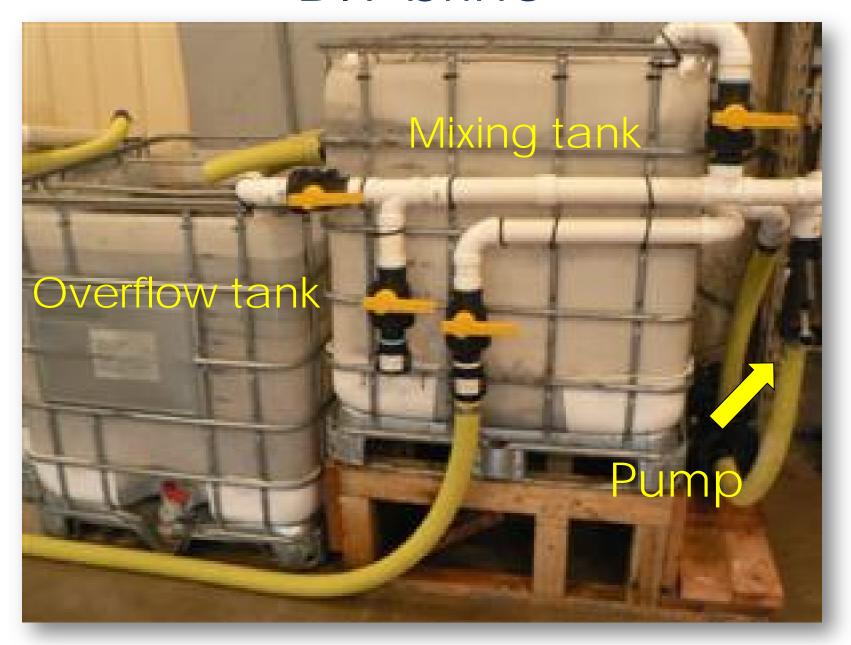


- Measure & Mark Test Grid
- Drive over the test grid at a typical application speed
- Sweep up material and weigh to determine application rate
 - Settings to keep track of:
 - Gate Height
 - Auger/Belt Speed
 - Pony Motor RPMs

Hands-on



DIY brine













Home Cases We Handle

Best Settlements

15 Offices

About Us

Contact

Blog

Q

Slip and Fall Lawyer | Lawsuit

FREE CASE EVALUATION (with no obligation)

Full Name

Phone Number with Area Code

Email Address

City or Town

State

Describe your injuries and how you were injured...

Submitting this form does not create an Attorney/Client relationship. Some Cases are referred to outside counsel.

Read Disclaimers and Policy Statement



If you have suffered an injury from a slip and fall accident, you may be able to get a cash settlement for your medical bills, lost income and pain and suffering, among other losses. Our experienced slip and fall lawyers charge no fee unless you receive a settlement or award. Please contact us toll free 24/7 or online for a free (no obligation) case evaluation.



Have You Been Injured in a Slip and Fall Accident? Call Us Today for a Free Case Evaluation.

Do You Have a Slip and Fall Case?

Liability

- GreenSno Pro is a certification
- Leads to liability protection
- Based on ski-area protections





CHAPTER 508 LIMITATION OF ACTIONS Section 508:22

508:22 Liability Limited for Winter Maintenance. –

I. No commercial applicator as defined in RSA 489-C:1, II and certified under RSA 489-

C:2, or owner, occupant, or lessee of land whose premises is maintained by a

commercial applicator certified under RSA 489-C:2, **shall be liable for damages** arising from insufficiencies or hazards on any premises owned, occupied, maintained, or operated by them, even with actual notice thereof, **when such hazards are caused solely by snow**

Or ice, and the commercial applicator's, owner's, occupant's, or lessee's failure or delay in removing or mitigating such hazards is the result of its implementation, absent gross negligence or reckless disregard of the hazard, of best management practices for winter road, parking lot, and sidewalk maintenance adopted and published by the department of transportation and the department of environmental services.

Nothing changes if nothing changes ...

pro·fes·sion·al prəˈfeSH(ə)n(ə)l

Noun

a person engaged or qualified in a profession.









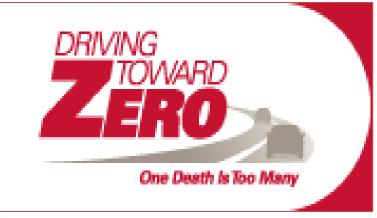
KEEP CALM AND

RELAX

I'M A PROFESSIONAL

Driver behavior

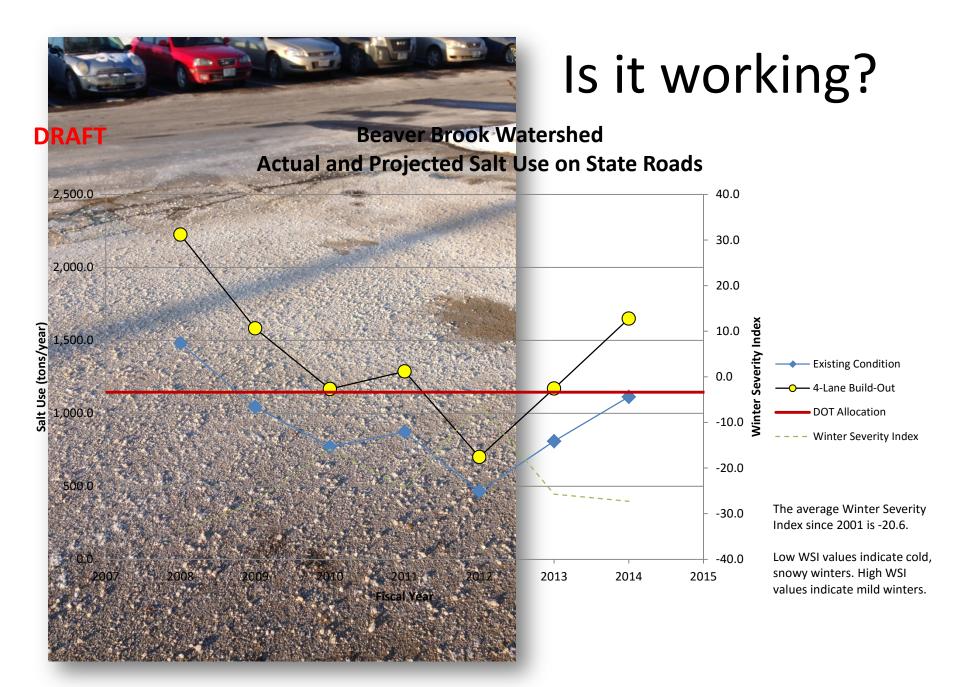




Walker behavior?



Source: American in Moscow blog http://usa-moscow.blogspot.com/2011/01/learning-to-walk.html

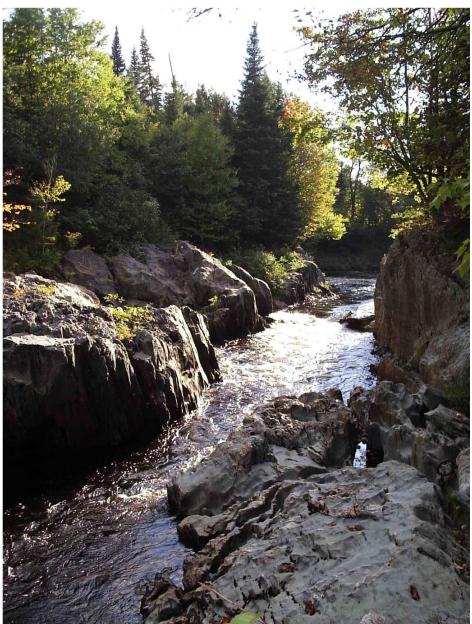


Celebrate success!



Recognize Excellence!







Back to the salt mines!





Contact info:
Ted Diers, NHDES
603-271-3289
Ted.diers@des.nh.gov

