

Status Update:

NON-TRADITIONAL BMP WORKGROUP

Salt Management Strategy
Stakeholder Advisory Committee

May 29, 2019

Scope / Focus of the Workgroup:

- The non-traditional BMPs workgroup focused on “outside of the box” methods or alternatives to current practices.
- Focus areas:
 - Alternative deicing compounds
 - General Public BMPs (such as promoting teleworking, homeowner BMPs, etc.)
 - Certification/training programs
 - Winter maintenance contracting (public & private)

Scope / Focus of the Workgroup:

- Research pros/cons of alternative deicing compounds
- Make recommendations for behavioral BMPs:
 - Examples: Teleworking, storm preparation kits, snow curfew
 - Build off of VDOT's social media examples
- Provide a list of homeowner BMPs

Scope / Focus of the Workgroup:

- Certification/training program examples:
 - Statewide certification? Private certification programs?
 - Focus on benefits to operators to get certified
 - Marketability
 - Liability protection (NH)
 - Could be a certification of sites (“Sustainable Winter Management” certification)
- Winter maintenance contract templates (public & private)
 - Flat rate for sidewalks/parking lots
 - Hourly rate for roads

Resources/Products:

- Table of [alternative deicing compounds](#)
 - Includes: Pros/cons, costs
 - Needs: How they work on various surfaces; details on abrasives (e.g., sand)
- A list of Homeowner BMPs and driver/commuter BMPs
- Analysis of 10 operator [certification programs](#)
- [Examples of contracts](#) (language) for private properties:
 - Snow and Ice Management Association (SIMA)
 - Edina, MN
 - Take aways: Fixed price may incentivize lower salt use (vs. time and materials). Accountability (basic tracking requirements)

Anticipated Recommendations [next steps]:

- Draft recommendations for piloting alternative deicing compounds
 - Gov't workgroup: Pursue cost share options for alternative products?
- Develop a list of Homeowner BMPs and driver/commuter BMPs
- Further research on certification programs:
 - Examine incentives for applicators to complete certification programs (i.e., reduced operating costs, reduced liability (NH))
 - Look at 5 certifications that could be applied in Virginia to ensure that they fit with SaMS objectives