



IOWA SOCIETY OF SOLID WASTE OPERATIONS

Iowa Chapter of SWANA

Meeting Notes

Subject	ISOSWO TAC Meeting	Date	3/1/19
Meeting Organizer	Dan Bacehowski, TAC Chair	Time: Start	12:30pm
Location	IDNR Wallace Building	Time: End	2:30pm
Pre-Work	Review Agenda and Attachments		
Attendees: In-Person	Amie Davidson (IDNR), Matt Graesch (IDNR), Mike Smith (IDNR), Roger Bruner (IDNR), Geoff Spain (IDNR), Mick Leat (IDNR), Mary Wittry (CCSWMC), Cindy Turkle (Turkle-Clark), Hal Morton (DMCRSWC), Garrett Prestegard (CRLCSWA), Christine Collier (SCS), Angie Ullman (HDR), Brent Learch (HDR), Lori Dicks (BV County SW), Lauren Norland (Barker-Lemar), Brian Seals (WCSC), Karmin McShane (CRLCSWA), John Foster (DMASWA), Todd Whipple (HLW)		
Attendees: Via Phone	Deb McDonald (Waste Management)		

Topics		
No.	Description	Duration
1.	Safety	5 min
2.	Per- and polyfluoroalkyl substances (PFAS) Discussion – National and Local Regulatory Status	25 min
3.	Intro to IDNR’s Equis/Aquia site & Next Steps	30 min
4.	Discussion on EPA’s proposed rule “Revisions to Criteria for Municipal Solid Waste Landfills to Address Advances in Liquids Management”	30 min
5.	Other Discussion Items (If necessary)	30 min

Resulting Action Items (Develop during meeting)				
No.	Description	Responsible	Date Due	Status
1.	Distribute ITRC PFAS Fact Sheets (see notes below)	IDNR	3/11/19	Complete
2.	Distribute link to MN Department of Health – Introduction to PFAS presentation (see notes below)	D. Bacehowski	3/11/19	Complete
3.	Distribute Registration Information for EREF Meeting on “Evaluation	M. Smith/ D. Bacehowski	3/1/19	Complete



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Resulting Action Items (Develop during meeting)				
No.	Description	Responsible	Date Due	Status
	and Management of High-Moisture Waste Disposal in Municipal Solid Waste Landfills”			
4.	Organize Small Group Meeting on Next Steps with Equis/Aquia website concept.	D. Bacehowsk/ M. Graesch	4/15/19	Ongoing

Meeting Notes (Develop during meeting)	
No.	Description
1.	<p>PFAS Update Discussion:</p> <ul style="list-style-type: none"> • IDNR provided brief background on PFAS compounds, including a discussion on consumer products where the compounds were primarily found (wide variety including fire suppressant, scotch guard/ carpets, weather proofing on clothing, shampoos, etc.). • Landfill concerns associated with regulation of PFAS is generally centered on leachate treatment, given the consumer products that contain the compounds have been disposed of and are degrading in the LFs. • Remedial measures taken to treat PFAS is generally understood to be driven by temperature, pH, carbon-chain length and carbon chain functional group. • Conventional treatment methods (e.g. sorption to granular activate carbon) is being applied in some locations. • IDNR is monitoring activity by EPA Region 7 and will continue to keep the industry updated on their actions • EPA released a PFAS action plan in Feb 2019: https://www.epa.gov/pfas/epas-pfas-action-plan • IDNR provided information to access ITRC’s PFAS fact sheets: https://pfas-1.itrcweb.org/ • Foth mentioned that their hydrogeologist in Minnesota had attended a seminar on PFAS and shared the following presentation from MN Department of Health: https://mnbrownfields.egnyte.com/fl/gxmoKcufpL#folder-link/ • IDNR mentioned that the active cleanup projects in Iowa associated with PFAS are at various Air National Guard facilities where fire suppression use/training was prevalent. • ISOSWO TAC and IDNR will continue to discuss regulatory activity associated with these compounds and the potential impact on state and landfill community.



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2.	<p>Intro to IDNR’s Proposed Equis/Aquia website:</p> <ul style="list-style-type: none"> • IDNR and TAC discussed background on discussions to-date with a smaller pilot group, intended to evaluate the content, concerns and benefits of moving to an electronic submittal and online access to groundwater sampling data at solid waste facilities throughout the state (meeting notes from 1/4/19 meeting shared with TAC agenda). • IDNR mentioned that they are considering locating the online access point within the industry specific content via the IDNR Solid Waste sections site, which could reduce concerns associated with co-location of landfill information with other statewide water quality information. • IDNR and ISOSWO TAC agreed that moving forward with the discussion on next steps would be more successful with a smaller group. Therefore, the following individuals will gather to discuss a proposed approach to the online solution: <ul style="list-style-type: none"> ○ Matt Graesch – IDNR ○ Cindy Turkle – Turkle & Clark ○ Lauren Norland – Barker Lemar ○ Christine Collier – SCS ○ Meghan Seymour – HDR ○ Terry Johnson – Waste Management ○ Dan Bacehowski – Foth • Dan Bacehowski and Matt Graesch will coordinate the initial small group discussion with IDNR and interested members. The goal for implementation of an agreed upon online approach is Nov. 2019
3.	<p>Discussion on EPA’s proposed rule “Revisions to Criteria for Municipal Solid Waste Landfills to Address Advances in Liquids Management”:</p> <ul style="list-style-type: none"> • Reminder provided that comments are due to the EPA on the proposed rules by May 10, 2019; revised from March 26, 2019. https://www.federalregister.gov/documents/2018/12/26/2018-27748/revisions-to-the-criteria-for-municipal-solid-waste-landfills-to-address-advances-in-liquids • Summary of proposed changes discussed with general interpretation that many landfills in Iowa could be considered wet landfills due to precipitation volumes in the ranges of those proposed by the EPA. • TAC participants generally felt that the rule change may ultimately lead to more flexibility with leachate management and promotion of biodegradation of the waste mass, potentially decreasing the life of the landfill and positively impacting



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Meeting Notes (Develop during meeting)	
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	timeframe for termination of post-closure. <ul style="list-style-type: none">• The IDNR shared the EREF webinar information for March 4, 2019 discussion on “Evaluation and Management of High-Moisture Waste Disposal in Municipal Solid Waste Landfills” (distributed via email to ISOSWO TAC on 3/1/19).