



IOWA SOCIETY OF SOLID WASTE OPERATIONS

Iowa Chapter of SWANA

Meeting Notes

Subject	ISOSWO TAC Meeting – Wind Turbine Blade Management Follow-up Discussion	Date	1/21/2020
Meeting Organizer	Dan Bacehowski, TAC Chair	Time: Start	9:30am
Location	IDNR – Wallace Building – Rm 5E 502 E. 9 th Street Des Moines, IA 50319	Time: End	11:30am
Attendees (In-Person):	Amie Davidson, Mike Smith, Lori Dicks, Lauren Norland, Rick Hurt, Michael McCoy, Hal Morton, Brian Seals, Julie Ketchum, Jeff Phillips, Ken Miller, Doug Hughes, Cindy Turkle, Rob Anderson, Bill Rowland, Kathy Morris, Mary Wittry, Eric Werner		
Attendees (via Phone):	Jody Rhone, Bob Glebbs, Brent Learch, Angie Ullman		

Agenda (Prepare before meeting)		
No.	Description	Duration
1.	Safety	5 min
2.	Update on Activities and Discussions Associated with Wind Turbine Blade Management since 12/6/19 Meeting	45 min
3.	Consideration of Sub-committee to meet with Utilities on Long-Term Solutions	45 min
4.	Next Steps	25 min

Next Steps (Develop during meeting)		
No.	Description	Responsible
1.	Possible Small Group Meeting w/ Utilities to Discuss Long Term Solutions	IDNR & TAC
2.	Update of Ongoing Progress with Wind Turbine Management Activities at Upcoming ISOSWO Board Meetings	ISOSWO Board & TAC



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Meeting Notes (Develop during meeting)	
No.	Description
1.	IDNR mentioned that letters have been issued to entities in Newton, Fort Dodge and other locations in IDNR Field Office #4 jurisdiction, identifying concern for speculative accumulation of solid waste based on the Legitimate Recycling language adopted in 2019. Timeline to achieve compliance is 1/31/2020.
2.	Update on J. Pettiecord pilot effort suggested that organization of the test/pilot for managing the wind turbine blades @ TPI is ongoing. Brian Seals will update ISOSWO members on progress at future Board Meetings.
3.	Waste Management has been reaching out to various solid waste agencies to assist in coordinating wind turbine blade disposal at other facilities. WM mentioned that that they may coordinate a tour of the activities being conducted at their Lake Mills facility. WM also mentioned that for the blades accepted, they're working directly with re-power companies whom are contracted with the utilities.
4.	Metro Waste Authority reported that they have not made progress on laboratory testing a sample of the blades, nor have they moved further on acceptance of blades.
5.	SCISWA mentioned that they have developed an acceptance criteria that their Board has accepted as a policy for acceptance of blades in their planning area. SCISWA has shared their acceptance policy with ISOSWO TAC (see attached policy).
6.	LNI mentioned that Alter Metals in northern Iowa has been accepting the metal portions of the wind turbine housings for recycling purposes.
7.	Reminder: IDNR require release of wind turbine blades for acceptance of material outside of your planning area.
8.	There was a question or concern voiced that suggested that farmers that have wind turbines on their properties could be responsible for the cost and coordination of wind turbine blade management and ultimately decommissioning of the wind turbines.
9.	IDNR mentioned that in Cherokee County it was stated that wind farm operators are responsible for proper decommissioning of the wind turbines.
10.	Discussion on consideration of small group representing ISOSWO TAC to meet with representatives from utilities and/or re-power companies to initiate a plan for long term sustainable management of spent wind turbine blades. Those TAC members that volunteered include: Julie Ketchum (WM), Mary Wittry (CCSWMC), Doug Hughes (DMASWMA) and Rick Hurt (SCISWA). There was a suggestion to consider including Iowa State Association of Counties (ISAC) and Council of Governments. ISOSWO TAC will continue to communicate with the IDNR on the desire to coordinate this meeting.
11.	IDNR mentioned that MidAmerican is not planning on replacing blades in 2020, but may reinstate the repowering efforts in 2021.
12.	IDNR shared information associated an organization (Re-Wind) that is a conglomerate of universities throughout the world that is working on re-use



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	opportunities of decommissioned wind turbine blades. https://www.re-wind.info/#home1

WIND TURBINE BLADE ACCEPTANCE POLICY

The South Central Iowa Solid Waste Agency (SCISWA) will accept discarded wind turbine blades under the following conditions:

- Blades shall be generated from within the planning area only and a specific site location must be referenced.
 - The planning area is defined as:
 - Within the boundaries of Marion, Monroe, Lucas, and Poweshiek counties.
 - Within the City boundaries of Victor, IA
 - Excludes the City of Eddyville within Monroe county
- Blades shall be hauled directly to the SCISWA landfill located at 1736 Highway T-17 – Tracy, IA 50256.
- SCISWA landfill shall be notified at least twenty four hours (24 hrs.) in advance of intended delivery.
- Blades shall be cut lengthwise into no greater than eighteen foot (18') lengths.
- Blades shall also be cut into at least half (two pieces) horizontally.
- Blades shall be delivered in no greater than forty cubic yard (40cy) roll-off dumpsters or their equivalent with a self-dumping mechanism.
- Blades shall be charged at a rate of \$240.00 per ton.