


WASTE & MATERIALS MANAGEMENT STUDY GROUP – DRAFT Notes: December 7, 2016


Location: DNR Fitchburg Service Center

Member Attendance: Albee, Curry, Doverspike/SWANA, Johnson, Karwoski, Meyer Smith, Morgan, Nickodem/AROW,
 Welch/WCSWMA

DNR Attendance: Coakley, Lamensky, Matrise, Moore, Semrau, Sponseller, Van Rossum

Subs/Guest Speakers: Paul Neumann, DNR Bureau of Management and Budget Section Chief

Time/ Presenter	Topic	Follow-up/Notes
9:30 Chad	Agenda Adjustments and Note Review	<ul style="list-style-type: none"> Notes from 10/26/16 were approved (vote: 8:0). Finalized notes can be found here on the WMM website
9:35 Ann	<p>DNR Updates</p>  <p>Dept alignment org structure.pdf</p>	<p>Study group updates:</p> <ul style="list-style-type: none"> Jason Salisbury has resigned. A new member will be appointed by the Secretary in January. The public notice notification for subgroup meetings needs to happen sooner. Two weeks before is the goal, one week is reasonable, 30 hours is not acceptable and meeting will not be held. <p>Hiring updates:</p> <ul style="list-style-type: none"> Joe Van Rossum has started as the Recycling and Solid Waste Section Chief Jackie Marciulionis started as a new hydrogeologist in Green Bay New Haz Waste plan review specialist Doug Coenen has started in Central Office Bob Grefe (engineer, Central Office) has retired and Rob Grosch (engineer, Waukesha) retires in January <p>Alignment updates:</p> <ul style="list-style-type: none"> Metallic mining oversight (Larry Lynch) will be moving to the External Services Division Alignment promotes specialization of services which has already been adopted by WMM WMM Program will be hiring a Field Operation Director (Deputy) that will supervise field supervisors, all EM divisions will be hiring this position to encourage line authority reporting Tim requested an agency org chart which is on the left Lynn Q: Will the DNE follow up with externals commenters? Bart A: I believe roundtables will be scheduled Focus on IT projects: WMMP will hire an IT project manager and two new project managers at the Division level. IT projects include updating the Division project tracking system, online annual reporting, beneficial use database, inspection tracking database, mobile ready inspection forms, digitizing records, and landfill GIS database John: An external database on approval tracking would be helpful Colleen Storck will be asked to do an IT update at the next meeting including the GIS database and the approval process for IT projects

<p>10:00 Paul Neumann</p>	<p>Environmental Fund Overview</p>  <p>EMA Presentation--Deceml</p>	<ul style="list-style-type: none"> • Lynn Q: Does the WDNR discuss IT bench marking goals with other states? Ann A:It can be discussed at next region 5 call • John Q: Will DNR ask counties for historic fill data? Casey A: We're using an already populated list • John Q: Can a license fee be set aside for Program Revenue or does it have to go into the larger EMA pot? Ann A: Can go into Program revenue. We have positions funded out of general EMA, program revenue and Federal money • Meleesa Q: DNR budget is funded 12% by the EMF but that's not the entire EMF right? Paul A: Correct • Lynn Q: Where does the \$0.14 license fee surcharge go? Paul A: Program revenue • John Q: Does program revenue fund specific positions? Is it less susceptible to cuts? Ann A: Some SW and haz waste plan review positions are funded this way. Probably less likely to be cut than general EMA funds. Paul A: Has been subject to lapses (1-time fee transfers) but permanent cuts are rare. Sometime the legislature will reduce that program revenue cap • Meleesa Q: Is the \$3.20 in fees that goes to the non-point account used for county conservation grants? Paul A: Yes • Meleesa Q: Is it correct that the recycling and renewable energy fund dissolved and a portion of the remaining funds transferred to the EMF with the creation of the WEDC and at that time the Recycling Business Surcharge was renamed the Economic Development Surcharge and the \$7/ton Recycling tip-fee directed to the EMF? Paul A: Yes • John Q: Will the PECFA sunset date impact the amount of money going to PECFA programming? Paul A: Haven't heard. Lynn A: Remember the sunset is for submitting requests not for clean-up • Paul: Debt service for bond funded contaminated sediments from 20-30 years ago were brought into the EMA a few budgets ago. Paul would estimate these would start to subside as bonds are retired. • John Q: The 8 Million for WTPP upgrades should also start to be retired. Is there an estimate for that? Paul A: DOA does debt service projections that may be able to speak to that • Meleesa Q: Who sets policy on debt service? Paul A: DOA and the legislature • Chad Q: Did the tipping fee increase off set the revenue lost from out of state tonnages? Paul A: For a while it was not enough to offset the cost but it is balancing now • Chad Q: Is the 12 million that used to be recycling grant money able to be specifically tracked on how its being used now? Paul A: No, it is part of the pot and cannot be specifically tracked • John: If you estimate a \$50/ton tipping fee it's a 25% tax rate for landfills. If that money isn't coming back for recycling grants than that tax rate is a problem • Meleesa Q: What is the current status of the fund and future projections? Paul A: Current estimates have landfill tonnage at a flat line. They are showing a slight uptick in tonnages but it is only 1-2%. DNR, DOA and Leg Fiscal Bureau will all make predications on the revenue that will be in the Env. Mgmt. Fund. Paul considers both accounts to be in good standing. Calendar year 16 landfill data will be available in March/April to help with projections • Meleesa: An IT tool for online access to the quarterly tonnage data would help • John Q: Does the current budget status of "good standing" include the 3.5 million transition to RU grants from Sen. Cowles? Paul A: Yes
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<p>11:05 All</p>	<p>Subgroup Overview</p>	<p>Reducing or terminating groundwater monitoring at closed landfills-</p> <ul style="list-style-type: none"> • Joe Lourigan is working on a guidance outline that includes reducing number of wells tested, reducing parameters tested and reducing testing frequency beyond annual testing • Once the outline is completed in January the subgroup will fill the outline in • Tom estimates having a draft for study group review in early 2017 <p>Recycling Innovations-</p> <ul style="list-style-type: none"> • Rebecca Mattano from Waukesha County has joined the group • Next meeting will be on state definitions of recycling <p>Food and Organics Residuals Reduction Management-</p> <ul style="list-style-type: none"> • Last meeting was on picking a name that accurately reflected the goals • Considering the question of the waste industry's role in source reduction • Considering if goals will be related to the EPA's food waste hierarchy <p>Alternative Landfill Caps-</p> <ul style="list-style-type: none"> • New member Kenny Bergschultz from Weaver Consultants • Anticipate 1.5-2 years for deliverables • Looking at research on water balance, evapotranspiration caps and infiltration vs precipitation rates • Researching how the alternative closure plan(s) approved in Wisconsin were submitted and approved • Wisconsin is currently using 3-4 mm/yr percolation rate as the RCRA equivalent standard but Michigan has approved 8.8 mm/yr. Other projects are approved at percolation rates of 150-200mm/yr. How do these projects meet RCRA standards? Does meeting the RCRA percolation equivalent even make sense if RD&D sites are intentionally putting liquids underneath the cap? • The group is looking at a long term goal of updating the dry tomb equivalency requirement and shorter term goals such as delayed capping • The group also plans to research the impact of percolate on other parts of the landfill system. Liner function is more leachate based and cap function is more air based so what are the impacts of adding more water on gas generation? • Lynn Q- Do the federal regs allow exemption/latitude in the equivalency standards? • Alan Q- Is there a federal rule on the timing of landfill capping? • John Q- Would there need to be DNR Air Program oversight on delayed capping? • Look for two related WIRMC presentations <p>C&D- C&D Landfills-</p>

- The subgroup considers C&D landfills a legacy from town dumps – most are in rural areas
 - The group is considering several recommendations including:
 - Code requirement for OFR, current DNR policy is to require it but a code change may help retroactively
 - Extend MSW bad actor law to apply to C&D operators
 - Discussed liner requirement for small C&D landfills but this would require leachate infrastructure and in rural areas even MSW landfills have a hard time disposing of leachate so they changed the focus to better caps and requiring a GCL
 - Changing the side slope allowance from 3:1 to 4:1
 - Requiring environmental monitoring including VOC monitoring
 - Requiring groundwater separation in clay environment of 10-20 feet to match MSW
 - Requiring a needs analysis for approving C&D landfills based on MSW location
 - One C&D landfill positive discussed was the possibility of mining this material however asbestos and lead concerns would make this very difficult
 - The subgroup proposal will probably include approval standard recommendations first and code recommendation when 503 is opened next
 - Brian Kalvelage did point out that a lot of the hits are indicator parameters and without background levels the data is incomplete. He estimates we would need three years after VOC sampling requirements went into effect to have useful data
 - Are not sure if a unilateral plan mod would/could be issued to these facilities
 - Ann Q: If these changes happen are C&D landfills economically sustainable? Erik Lietz A: We don't think so they would either be MSW landfills or intermediate C&D so facilities would just go for the new maximum size
 - The subgroup did consider the possibility of increased illegal dumping but the group believes those who properly dispose of materials will continue to do so. The cost difference now is only about \$5/ton
 - Ann Q: What about the impacts of requiring GCL caps on Hydrogen Sulfide at small C&D sites. It is already a concern at intermediate C&D sites
 - Meleesa Q: If C&D landfills are having negative env and health impacts how do we correct for that? John A: We need more data before we can say that
 - The group is also interested in fee assessment. Can C&D enforcement time be from a fee charged specifically to C&D facilities?
 - Meleesa Q: Did the group consider thought on how to make sure only C&D material is going into the facilities? Erik Lietz A: Considering tonnage reporting and clarifying having an operator on-site
 - Lynn Q: Is Hydrogen Sulfide a vapor intrusion issue? Ann A: More of a worker safety issue. Tom A: Most C&D landfills are remote so vapor intrusion is not a large concern
- C&D Recycling-
- First goal on the recycling side is to create a model ordinance template for Wisconsin cities/communities. The model currently being considered is an upfront deposit large enough to encourage compliance that also includes a verification process and data reporting
 - Plan to work on education and outreach with contractors and municipalities
 - Wisconsin tipping fees make the economics of C&D recycling a very thin line

		<ul style="list-style-type: none"> • Wood and metal markets are really the drivers for C&D recycling since wood is 50-60% of the C&D stream. Current markets for wood are boiler fuel and mulch but they will be looking at animal bedding and erosion control. The group also plans to work with the Forest Products lab about reuse options for OSB board, such as potential reuse in quarry remediation
12:15 Casey	SharePoint Sites for subgroups	<ul style="list-style-type: none"> • All members will be required to get a WAMS ID to use the SharePoint site • Once an entire subgroup is signed up the group will get access to the SharePoint site
12:20 Ann	Chair Elections	<ul style="list-style-type: none"> • If you are interested on co-chairing explain why at the next meeting • There will be a closed ballot election
12:25 All	Announcements	<ul style="list-style-type: none"> • AROW glass task force report was released • Jennifer will include WMM study group updates in her WIRMC presentation • February 16th meeting will be at the Fitchburg Service Center from 1-4 pm • April 6th meeting will be at Schmeckle Reserve in Stevens Point from 9:30am-12:30pm