

**Kalamazoo County
ENVIRONMENTAL HEALTH ADVISORY COUNCIL**

June 8, 2016

Present: Francis Bell, Vern Johnson, Patricia Crowley, Daniel Moyle, Jeff Sorensen, Richard Ford, Jim Pearson, Mike Leeuw,

Absent: Kevin Wordelman, Stephanie Moore, Shannan Deater, David Harn, Meredith Place, Andrew Niebor

Environmental Health/HCS: Jeff Reicherts, Lucus Pols, Lynn Norman

Kalsec Staff: Dan Klein, Sarah Davis, Stephen Kuhnert, Jim Justice

TOPIC	DISCUSSION	ACTION	FOLLOW-UP
1. Welcome - Introductions			
2. Citizen Comments			
3. Approval of Minutes	Minutes were approved for April pending minor changes.		
4. Kalsec Composting Presentation	<p>Jim Justice did a presentation on Kalsec. He talked about the History of Kalsec. Kalsec sells into the food industry. Derive from natural herbs and spices. They have a corporation here in Kalamazoo and in Southwest Texas where a lot of the products are grown. They also have a distribution in Europe. Their 2 primary compose products are chili and rosemary. They extract any oxidants from rosemary and sell it to all kinds of industries. He talked and compared the extract process to be similar to coffee making product.</p> <p>Sara Davis from Kalsec talked the composing process: She said composing is not a hard process, it's a nature's way of recycling. She also explained their timeline for composting:</p> <p>1980s-Worked with MSU to do a study that verified that cellulose fine base material provide significant agricultural benefits to soils in the form of nutrients.</p> <p>2003- Obtained approval from State of Michigan to</p>		

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	<p>conduct onsite composing pile testing 2004-Approval from MDEQ for onsite composing at Kalsec 2009-Approval from MDEQ to begin composing in Cooper Township 2013-Kalsec did an investment 2014-Improvement was made in Kalsec composing operations manual based on findings from small field testing. Steve provided members with their Operations Manual.</p> <p>Questions from Members:</p> <p>Pat asked how manure is applied Kalsec staff said they use a high precession spreader Vern stated that a resident from cooper township approached the board and complained about odors because of Kalsec's operation. Environmental Health, MDARD and MDEQ had a meeting with Kalsec at the township and compose site. Vern's said that the compose site was very well run and it is professional site. The odor was very light smell. After the meeting it was determined that Environmental Health did not have any concerns Past asked at the depth of groundwater on the site Kalsec staff said it was 60-70 feet deep Kalsec staff also said that the soils were sampled. Vern said that one of the recommendations that were made at the meeting was to establish a sampling frequency.</p>		
<p>5. EH updates -Non-potable</p>	<p>Vern talked about the non-potable permitting program. Stakeholder group met on June 7th. Progress is being made to part 127 of act 368. Part 127 of act 368 are state requirements and already gives local health the authority to inspect these wells. Vern stated that EH wants a process to permit these wells. Vern anticipates another couple meetings and then it will be brought to EHAC for approval.</p>		

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	Beach monitoring began May 23 rd and it will continue to August 29 th . Sunset has been high the last two week in row. HCS has a Facebook page. Vern asked EHAC to like it.		
6. Member Comments			