

Environmental Citizens Advisory Committee
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Place/Time:	Health Department Conference Room, 3:00 p.m., January 21, 2014.	1
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Members Present:	Kathy Luhn, Mike Edmiston, Eric Getz, Steve Kayatin, Russ Decker, Bill Kelly, Connie Miller, Thomas Mazur, Gary Sheely, Michael Wildermuth.	3
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Others Present:	Husky: Gary Vonderembse. INEOS: Joe Bianco. Fort Amanda Specialties: Brett Anderson. PCS Nitrogen: Mike Resar. Health Dept: Tom Berger. OEPA: Mike Gerber. ISP Lima: Duy Pham.	6
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Approval of Minutes:		10
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	<ul style="list-style-type: none">The minutes for October 15, 2013 were approved as distributed pending a response from Mark Budge as to whether the PM-2.5 24-hour-average was correctly explained in the October 15 minutes.	12
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	<ul style="list-style-type: none"><i>Editorial note: On 1/23/2014 a response was received from Mark Budge. Mark's response did not contain any corrections of fact. Therefore the explanation of the PM-2.5 24-hour-average as distributed in the minutes is correct, and we can approve the October 15, 2013 minutes as distributed.</i>	14
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Special Report: Western Lake Erie GIS Flex-Viewer Project: (Mike Gerber, Ohio EPA)		18
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	<ul style="list-style-type: none">GIS means Geographic Information System	20
	<ul style="list-style-type: none">USEPA computer servers contain a GIS system with many "layers." The various layers allow users to view the locations of water intakes, pipelines, rail lines, wetlands, etc.	21
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	<ul style="list-style-type: none">OEPA emergency response staff have been working to add a layer to the GIS that allows them to quickly determine where a hazardous release/spill is likely to go; where spill levels can be monitored; and where containment efforts are likely to be effective.	23
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	<ul style="list-style-type: none">Lucas, Ottawa, Erie, Sandusky, and Wood counties in Ohio, and Monroe county in Michigan are working to develop the GIS Layer and implement its utilization for their counties.	26
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	<ul style="list-style-type: none">OEPA personnel as well as personnel from local emergency response teams such as fire departments and Homeland Security can use and benefit from this project.	28
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Industry Status Reports		31
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	<ul style="list-style-type: none">PCS Nitrogen Ohio, L.P. received a permit-to install (PTI) for its proposed expansion project to increase the production of ammonia and urea.	33
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	<ul style="list-style-type: none">A question was asked about the Husky report as to why cold weather resulted in an odor complaint on 1/13/2014. Initially there was an upset that led to more material flowing into the wastewater treatment aeration basins. Then, because of the cold weather, the microbial digestion of the material was inhibited.	35
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	<ul style="list-style-type: none">There was a question about a "radiation source" that was removed from the INEOS plant. Some storage tanks monitor the level of the contents by gamma-ray absorption. This requires a gamma-ray source that is sufficiently radioactive that it requires a license. "Retirement" of such a source requires special procedures, and these procedures were carried out.	38
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	<ul style="list-style-type: none">There were no additional comments or questions during industry reporting.	42
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Old Business:

- A new Health Department website has been launched, but the ECAC portion has not yet been added to the site.

New Business:

- Gary reported that his department is working on a study of industrial water returning to the Ottawa River. If industries use less water, or recycle water within the plant, or evaporate more water, how do these reduced water flows into the river affect the river loading for the city's wastewater treatment plant?
- Eric mentioned that OEPA received an air permit request from Lima Energy. The proposed Lima Energy plant will create a substantial amount of CO₂. Lima Energy most likely will need to find a way to limit its CO₂ emissions. In the air permit application Lima Energy did not specify how they will limit CO₂ emissions, but they did mention the option of capturing then selling the CO₂ if a buyer and delivery method can be arranged. They also mentioned the option of capturing then injecting CO₂ into the Mt. Simon sandstone layer by use of deep-well injection. This prompted a discussion about how this would affect the INEOS deep-well injection systems.

Industry representatives at the meeting were not optimistic about selling the CO₂ because it is not clear there is a sufficient market. One possibility, the fracking industry, can use CO₂ as the fracking agent rather than water. But the fracking sites are not near Lima, and without an existing pipeline to the fracking areas, it does not seem likely that selling the CO₂ is truly an option. If deepwell injections is ultimately what Lima Energy pursues, then INEOS is concerned that injection of large amounts of CO₂ by Lima Energy would cause pressure increases in the injection layer that would be incompatible with continued use of the INEOS deepwell systems. If this should happen it is not clear that INEOS would be able to stay in Lima.

Michael Edmiston
Recording Secretary