



**OTTAWA COUNTY**

**TENTH ANNUAL WATER QUALITY FORUM AGENDA**

November 13, 2015, 8:30 a.m. (Registration at 8 a.m.)

Ottawa County Administrative Complex, Main Conference Room

12220 Fillmore Street, West Olive, Michigan

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| 8:30 a.m.                                      | Welcome and Introductory Remarks  |   |
| <b>Session 1 Moderator: Al Vanderberg</b>      |   |   |
| 8:45 a.m.                                      | Overview of Grand River Water Quality and Ecological Health   | Dr. Daniel O'Keefe; Southwest District Extension Educator, Michigan Sea Grant, Michigan State University  |
| 9:30 a.m.                                      | <b>Q/A</b>  |   |
| 9:35 a.m.                                      | Tile Drains as a Source of Bioavailable Phosphorus in the Macatawa Watershed                                      | Delilah Clement; Graduate Student Grand Valley State University, Annis Water Resources Institute  |
| 9:50 a.m.                                      | <b>Q/A</b>  |   |
| 9:55 a.m.                                      | West Michigan Watershed Collaboration   | Kelly Goward; Macatawa Watershed Project Manager, Macatawa Area Coordinating Council & Wendy Ogilvie; Director of Environmental Programs, Grand Valley Metropolitan Council |
| 10:05 a.m.                                     | <b>Q/A</b>  |   |
| 10:10 a.m.                                     | <b>Break</b>  |   |
| 10:25 a.m.                                     | Panel: How Ottawa County Farmers Protect Water Quality  | Dan Busby; MAEAP Verifier, Michigan Department of Agriculture and Rural Development; Christina Curell; Educator, MSU Extension & Luke Meerman; Owner, Grassfields Cheese    |
| 11:10 a.m.                                     | <b>Q/A</b>  |   |
| 11:15 a.m.                                     | Herbicide Application and Run Off   | Laura Campbell; Manager, Agricultural Ecology Department, Michigan Farm Bureau  |
| 11:30 a.m.                                     | <b>Q/A</b>  |   |
| 11:35 a.m.                                     | <b>Lunch</b>  |   |
| <b>Session 2 Moderator: Dr. Daniel O'Keefe</b> |   |   |
| 12:20 p.m.                                     | Holland Energy Park – A New Energy Resource for Holland   | Ted Siler; Operations Director, Holland BPW   |
| 12:35 p.m.                                     | <b>Q/A</b>  |   |
| 12:40 p.m.                                     | Landfill Construction for Water Protection  | Fred Sawyers; Senior District Manager, Waste Management   |
| 12:55 p.m.                                     | <b>Q/A</b>  |   |
| 1:00 p.m.                                      | Evaluating Long-Term Groundwater Resource Sustainability in Ottawa County with Data-Intensive Scientific Modeling | Zach Curtis; Doctoral Student, Civil & Environmental Engineering, Michigan State University   |
| 1:15 p.m.                                      | <b>Q/A</b>  |   |
| 1:20 p.m.                                      | Underway - Ottawa County Water Resources Phase-2 Study Update   | David Lusch; Ph.D., Distinguished Senior Research Specialist, Institute of Water Research, Michigan State University  |
| 1:35 p.m.                                      | <b>Q/A</b>  |   |

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| 1:40 p.m. | Ottawa and Allegan County Stormwater Standards Update                      | Dennis Cole; PE, Civil Engineer, Ottawa County Water Resources Commissioner's Office & Kelly Goward; Macatawa Watershed Project Manager, Macatawa Area Coordinating Council |
| 1:55 p.m. | <b>Q/A</b>   |   |
| 2:00 p.m. | <b>Break</b>   |   |
| 2:15 p.m. | Developing a Stormwater Green Infrastructure Ecosystem Services Calculator | Elaine Sterrett Isely; Water & LID Programs Director, West Michigan Environmental Action Council (WMEAC)  |
| 2:25 p.m. | <b>Q/A</b>   |   |
| 2:30 p.m. | The Scope of the Park West Drain   | Joe Bush; Ottawa County Water Resources Commissioner  |
| 2:40 p.m. | <b>Q/A</b>   |   |
| 2:45 p.m. | Project Clarity: Restoring the Macatawa Watershed Update                   | Dan Callam, Greenway Manager, Outdoor Discovery Center Macatawa Greenway  |
| 3:30 p.m. | <b>Q/A</b>   |   |
| 3:35 p.m. | <b>Closing Remarks</b>   | Alan G. Vanderberg  |