

***June 16, 2004  
Public Meeting***

Press Release

Elkhart County Commissioners Puterbaugh Creek - Heaton Lake  
Watershed Management Plan

Elkhart County Commissioners have received a \$60,000 Federal Fiscal Year 2002 205(j) Water Quality Planning Grant from the US Environmental Protection Agency for the development of a Watershed Management Plan for the Puterbaugh Creek - Heaton Lake Watershed. The Puterbaugh Creek - Heaton Lake Watershed encompasses an area of approximately 17 square miles. Its northern boundary extends into the State of Michigan and south to include the Heaton Lake and Puterbaugh Creek. This watershed encompasses nearly all of Osolo Township and the western portion of Washington Township.

A Joint Stakeholder Meeting is scheduled for 6:00 PM on Wednesday, June 16, 2004 at the Osolo Township Emergency Medical Services Building located at 25600 CR 4, Elkhart, Indiana. The purpose of the meeting is to inform the public about the Watershed Management Plan Project and invite participation in the Watershed Planning process.

Questions concerning this meeting should be directed to Mr. Adin McCann at Lawson-Fisher Associates (574) 234-3167 or Ms. Kristine Krueger at the Elkhart County Commissioners Office (574) 535-6746.

Welcome Guest.

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## Local News

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### Local Digest

#### Nappanee: Pet store seeks change so it can sell lizards

Published: Wednesday, June 16, 2004 -- The Truth, A3  
 Last updated: 6/15/2004 11:58:17 PM

NAPPANEE -- City council members are considering allowing sales of blue-tailed skinks, geckos and anoles at a new pet store, Fins and Feathers. The store requested the city change its existing ordinance, which prohibits the sales.

On Monday, city board of works members approved a recommendation to council members to say "yes" to the sales. City ordinance prohibits the sale of all three lizards. The city council will make the final decision on amending the ordinance.

Goshen: Decision delayed on Purl Street closing

GOSHEN -- A decision on a proposal to close Purl Street in front of the Goshen Public Library has been delayed until autumn so city officials can study traffic patterns when school reopens.

The Goshen Plan Commission postponed action at Tuesday's meeting, and the issue is not expected to return until October or November. City engineering staff suggested the delay because traffic counts would be skewed in the summer.

The proposal is to close Purl between Main and Fifth streets as part of the library's parking lot expansion to the north. Library director Andy Waters said the delay should not affect the schedule for the parking lot project, which officials have said wouldn't happen until next year.

A group of neighbors who oppose the proposal also attended Tuesday's meeting. Fifth Street resident Barb Hassan said afterward she thought it was good to get more information. She suggested city officials block Purl Street during some of the studies to judge the impact on traffic patterns.

Elkhart: Meeting tonight for Heaton Lake water issues

ELKHART -- Water issues in the Heaton Lake and Puterbaugh Creek area will be discussed during a public meeting tonight in Osolo Township.

Elkhart County obtained a \$60,000 grant to study and develop watershed management plans for the 17-square-mile area. The meeting will be at 6 p.m. in the township ambulance building, 25600 C.R. 4.

Questions about the project should be directed to Adin McCann of Lawson-Fisher Associates at 234-3167 or Kris Krueger of Elkhart County government at 535-6746.

Elkhart: Series addresses menopause-related issues

### Today's News

- » Bayer plant closing
- » Weighing In
- » Parents, schools team up
- » Crowd favors Central
- » Reeves jury to decide
- » Meeting addresses health of minorities
- » Wellfield garden has director
- » Local Digest
- » Where's fall?
- » Government At A Glance
- » Eatery damaged by fire

### Week's Most Popular

- » Boarding house operated illegally
- » Family, friends mourn
- » The road untraveled
- » Before it's too late
- » Strong takes stand

ELKHART -- The Red Hot Mamas Lecture Series will resume at 7 p.m. Thursday at the Health Education Center on Elkhart General Healthcare System's Goshen Campus, 2222 Rieth Blvd., next to Lowe's on U.S. 33.

Dr. Martina McGowan of the Listening Place in Elkhart will present a lecture on "The Natural Way: Alternative to Hormone Replacement Therapy." She will discuss lifestyle changes that may be beneficial for women reaching menopause, as well as some of the more common alternatives, such as bio-identical hormones and herbal medicine.

Red Hot Mamas is a series of monthly lectures focusing on menopause and related problems. Each session includes physicians, health-care professionals or other specialists presenting specific topics and encouraging discussion.

The program fee is \$10 per lecture. To register, call the Elkhart General Women's Center at 875-3863.

South Bend: Home, garden classes offered this summer

SOUTH BEND -- Indiana University South Bend Continuing Education will offer two new home and garden classes this summer.

\* "Lawn Care 101" will meet from 6 to 8 p.m. on Wednesdays, today through July 28 at the IUSB Elkhart Center. Master gardener Steve Kruse will teach the basics of getting and maintaining a healthy lawn. The cost is \$124.

\* "Introduction to Edible Plants" will meet from 10 a.m. to 4 p.m. Saturday and June 26 at the IUSB Elkhart Center. This class will teach plant identification, edibility and Native American uses, along with a trip to Camp Friedenswald in southwestern Michigan. Cost is \$99.

To register, call the Continuing Education office at 237-4261, or visit [www.iusb.edu/~cted](http://www.iusb.edu/~cted) on the Web.

The Way We Were/Dick Dunn

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MEMORANDUM

June 28, 2004

TO: LFA Project File No. 200406.00

FROM: → Adin M. McCann, P.E. *Adin m. McCann*

RE: Elkhart County Commissioners  
Section 205(j) Watershed Planning Grant  
Puterbaugh Creek – Heaton Lake Watershed Management Plan  
Stakeholder Meeting No. 1  
Public Meeting No. 2

The first Stakeholder Meeting for the above referenced project was conducted at the Osolo Township Emergency Medical Services Building on June 16, 2004. This meeting was the second in a series of eight (8) public meetings being conducted for the project. Copies of the agenda, sign-in sheet and handouts are included with this memorandum.

The meeting began with an introduction by Ms. Kristine Krueger, Grants Specialist, of the Elkhart County Commissioners' Office. Mr. John Fisher provided a general discussion and brief overview of water quality issues and regulatory programs covering these issues. Mr. Adin McCann then provided a brief description of the 205(j) Watershed Planning Project.

Additionally, an update on the Heaton Lake Sewer Project was given by Ms. Mary Sproull, a resident of Lake Heaton, and Ms. Krueger. At this point in time, the Heaton Lake Sewer Board is exploring funding options for the required engineering and construction services. The Board has rejected the idea of a bond issue and has approached the State regarding availability of funds. Ms. Krueger expects that there will be a public meeting regarding the formation of a Regional Sewer District at some point late this Summer. It is not believed that any construction activities would take place prior to Summer 2005.

After completing the overview and project updates, the stakeholders were given an opportunity to ask questions and/or comment on the 205(j) project. The following items were discussed:

- One attendee expressed significant concern regarding the rezoning of approximately 1,400 acres near the C.R. 17 bog on the east side of the watershed. This area has been rezoned for commercial/industrial development. Generally speaking, the rezoned area is bounded on the west by C.R. 15 and on the east by C.R. 19. The approximate northern boundary is State Line Road and the area extends to just south of the Toll Road.
- One attendee stated that, in the past, there was also another bog at the northern end of C.R. 13. This area was at one time part of a single large lake that included Simonton Lake.



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- A few of the attendees had specific suggestions of where to obtain existing information to aid in the development of the Watershed Management Plan. The following sources were suggested:
  - Water level data from the United States Geological Society (USGS)
  - Indiana Department of Natural Resources (IDNR) Fisheries Surveys (Neil Ledet)
  - City of Elkhart Aquatic Biologist (Joe Foy)
  - City of Elkhart – data collected from investigation of new well field
  - City of Elkhart Regulatory Affairs Specialist – Mark Salee
  - City of Elkhart – Storm sewer outfall sampling along Puterbaugh Creek (Elkhart WWTP – Lynn Newvine)
  - Heaton Lake – Secchi disk readings and associated volunteer water quality data (Dave Simmons).
  
- A few of the attendees commented on issues concerning their drinking water. All the residents of Heaton Lake utilize private wells to obtain potable water. Although there were no known health risks pertaining to consumption of the well water, several of the residents reported problems with odor and/or clarity of the water.
  
- Generally speaking, the residents of Heaton Lake are interested in seeing the Lake healthy, thriving.
  
- One attendee, who performs voluntary water monitoring for the Heaton Lake Conservation Club, stated that he has Secchi data which includes a clarity decrease of 2.6 feet in the Lake over the last several year.
  
- A representative from the Elkhart County Surveyor's Office indicated that the Drainage Board has been trying to get sediment traps installed upstream of Heaton Lake. However, historically, there has not been a lot of support for sediment traps due to the maintenance requirement. The Drainage Board is working to change this perception because it believes that they can be beneficial to water quality.
  
- Ms. Nancy Brown from the Elkhart County Soil and Water Conservation District stated that it was a good idea for the residents to have their drinking water tested on a regular basis. Ms. Brown also provided information on the testing services available to the residents through an agreement with Heidelberg College in Ohio.
  
- One attendee thought it would be beneficial if there were a follow up study to document and measure the effects of any implemented Best Management Practices (BMPs) and planned development within the watershed.



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- As a direct result of the future study issue, Ms. Brown discussed the Hoosier Riverwatch program and how it might be beneficial to the watershed residents.
- A sizable portion of the watershed is located in Michigan. Consequently, there was some question as to what, if any, coordination will be accomplished with Michigan agencies as a result of this project. In response to this question, it was pointed out that the majority of tributaries from Michigan entered Indiana at two (2) distinct points along State Line Road. One is sampling location No. 01. The other is just east of C.R. 15. Although this second location is not being sampled at its entry point into Indiana, it is believed that the chosen location (No. 02) will still be able to provide some valuable insight.
- Coordination is still being conducted to obtain any existing water quality data for the Michigan portion of the watershed. At this point in time, the Michigan Department of Environmental Quality (MDEQ) and the Cass County Health Department have been contacted regarding this issue. Unfortunately, at this point in time, no existing water quality data has been located.
- One attendee pointed that Indiana benefits from an extensive wetland area that potentially filters out many harmful pollutants coming from the northern portion of the watershed.
- The northern boundary for the City of Elkhart's sewer and water services is approximately C.R. 6.
- The next stakeholder meeting will be conducted in late September. It was decided that Lawson-Fisher would bring the following items to the next meeting:
  - Land Use Areas – separated by State and type
  - Refined listing of Best Management Practices (BMPs)
  - Water quality testing results
  - List of existing data sources.

AMM/bsa

Encls.

c: Kristine Krueger w/Encls.

John E. Fisher, P.E. w/Encls.



**Elkhart County Commissioners  
205(j) Watershed Planning Grant  
Puterbaugh Creek – Heaton Lake Watershed Management Plan**

**Joint Stakeholder Committee Meeting**

June 16, 2004 at 6:00 P.M.

**Agenda**

1. Welcome and Introduction
2. Water Quality Issues
  - *Watersheds*
  - *Non-Point Source Pollution*
  - *Point Source Pollution*
  - *IDEM/EPA 205(j) Grant*
3. Puterbaugh Creek – Heaton Lake Watershed Management Plan Project
  - *Objectives*
  - *Joint Stakeholder Committee*
  - *Planning Tasks*
  - *Schedule*
4. Conclusion
5. Discussion
6. Future Meetings



**Elkhart County Commissioners**  
**Section 205(j) Watershed Management Plan Grant**  
**Puterbaugh Creek - Heaton Lake Watershed**

**MASTER LIST - BMP's (Existing and Proposed)**

|   | Existing | Proposed |  | Existing | Proposed |
|---|----------|----------|--|----------|----------|
| <b>MCM #1 - Public Education &amp; Outreach</b>                           |          |          | <b>MCM #5 - Post Construction Storm Water Management</b>             |          |          |
| 1 Classroom Education on Storm Water                                      |          |          | <b>STRUCTURAL BMP's</b>  |          |          |
| 2 Education/Outreach for Commercial Activities                            |          |          | 1 Bioretention   |          |          |
| 3 Educational Displays, Pamphlets, Booklets, Utility Stuffers             |          |          | 2 Catch Basins   |          |          |
| 4 Lawn & Garden Practices   |          |          | 3 Dry Detention Basins   |          |          |
| 5 Low Impact Development Outreach Programs                                |          |          | 4 Dry Retention Basins   |          |          |
| 6 On-site Waste Disposal Outreach   |          |          | 5 Grassed Filter Strip   |          |          |
| 7 Outreach Programs for Minority/Disadvantaged Communities                |          |          | 6 Grassed Swale / Channel  |          |          |
| 8 Pet Waste Management  |          |          | 7 Infiltration Basin   |          |          |
| 9 Pollution Prevention for Businesses                                     |          |          | 8 Infiltration Trench  |          |          |
| 10 Promotional Giveaways  |          |          | 9 In-Line Storage  |          |          |
| 11 Proper Disposal of Hazardous Wastes                                    |          |          | 10 Manufactured Products for Storm Water Inlets                      |          |          |
| 12 Roadside Signage   |          |          | a Catch Basin Insert / Inlet Filters                                 |          |          |
| 13 Storm Water Educational Materials                                      |          |          | b Swirl Flow Regulator/Separator                                     |          |          |
| 14 Storm Water Website  |          |          | 11 Off-Line Storage  |          |          |
| 15 Trash Management   |          |          | 12 Porous Pavement   |          |          |
| 16 Using the Media for Pollution Prevention Programs                      |          |          | 13 Sand and Organic Filters  |          |          |
| 17 Video Presentation Programs  |          |          | 14 Storm Water Wetlands / Plantings                                  |          |          |
|   |          |          | 15 Stream Restoration  |          |          |
|   |          |          | a Aeration Practices   |          |          |
| <b>MCM #2 - Public Involvement/Participation</b>                          |          |          | b Thermal Reduction Practices  |          |          |
| 1 Adopt-A-Stream Programs   |          |          | 16 Subsurface Drainage Systems                                       |          |          |
| 2 Attitude Surveys  |          |          | 17 Wet Detention Basins  |          |          |
| 3 Community Hotlines  |          |          | 18 Wet Retention Basins  |          |          |
| 4 Reforestation Programs  |          |          |  |          |          |
| 5 Stakeholder & Public Meetings   |          |          | <b>NONSTRUCTURAL BMP's</b>   |          |          |
| 6 Storm Drain Stenciling  |          |          | 1 Alternative Turnarounds  |          |          |
| 7 Stream Cleanup and Monitoring   |          |          | 2 BMP Inspection and Maintenance                                     |          |          |
| 8 Volunteer Monitoring  |          |          | 3 Conservation Easements   |          |          |
| 9 Watershed Organization  |          |          | 4 Eliminating Curbs and Gutters (Context Sensitive Road Design)      |          |          |
|   |          |          | 5 Green Parking  |          |          |
| <b>MCM #3 - Illicit Discharge Detection &amp; Elimination</b>             |          |          | 6 Heated Concrete (Salt Alternative)                                 |          |          |
| 1 Control of Runoff From Confinement Areas                                |          |          | 7 Infrastructure Planning  |          |          |
| 2 Septic System Inspection and Maintenance                                |          |          | 8 Low Impact Development (Natural Area Conservation)                 |          |          |
| 3 Identifying Illicit Connections (Sanitary Surveys, Mapping, WQ Testing) |          |          | 9 Narrower Residential Streets                                       |          |          |
| 4 Monitoring & Prevention of Illegal Dumping                              |          |          | 10 Open Space Design (Context Sensitive)                             |          |          |
| 5 Reduction of Non-Storm Water Discharges                                 |          |          | 11 Policies to Utilize Conservation Practices                        |          |          |
| 6 Proper Disposal of Recreational Vehicle & Marine Sewage                 |          |          | 12 Proper Zoning Consideration                                       |          |          |
| 7 Reduction of Sanitary Sewer Overflows (SSOs)                            |          |          | 13 Regulatory Controls for Postconstruction Runoff                   |          |          |
|   |          |          | 14 Stormwater Land Use Controls (Buffer Zones)                       |          |          |
|   |          |          | 15 Urban Forestry  |          |          |
| <b>MCM #4 - Construction Site Storm Water Runoff Control</b>              |          |          | <b>MCM #6 - Pollution Prevention/Good Housekeeping</b>               |          |          |
| <b>STRUCTURAL BMPs</b>  |          |          | 1 Alternative Discharge Options for Chlorinated Water                |          |          |
| <b>RUNOFF CONTROL</b>   |          |          | 2 Alternative Winter Road Management                                 |          |          |
| 1 Check Dams  |          |          | 3 Automobile Maintenance & Vehicle Washing                           |          |          |
| 2 Filter Berms  |          |          | 4 Bridge Cleaning, Maintenance, and Deck Drainage                    |          |          |
| 3 Grass-Lined Channels  |          |          | 5 Catch Basin Cleaning   |          |          |
| 4 Land Grading for Runoff Control   |          |          | 6 Chemical Storage Practices   |          |          |
| 5 Log Stabilizers   |          |          | 7 Dewatering (Thermal Reduction, Overtopping or Mosquito Prevention) |          |          |
| 6 Permanent Diversions  |          |          | 8 Hazardous Materials Storage & Practices                            |          |          |
| 7 Preserving Natural Vegetation   |          |          | 9 Household Hazardous Waste Collection                               |          |          |
| 8 Proper Construction Entrances   |          |          | 10 Illegal Dumping Control   |          |          |
| 9 Riprap  |          |          | 11 Landscaping and Lawn Care Practices                               |          |          |
| <b>EROSION CONTROL (SOIL RETENTION)</b>                                   |          |          | 12 Litter and Debris Control   |          |          |
| 1 Bank Grading and Planting   |          |          | 13 Materials Management  |          |          |
| 2 Chemical Stabilization  |          |          | 14 Parking Lot and Street Cleaning                                   |          |          |
| 3 Construction Sequencing   |          |          | 15 Pest Control  |          |          |
| 4 Dust Control  |          |          | 16 Pet Waste Collection  |          |          |
| 5 Gabions   |          |          | 17 Road Salt Application and Storage (Winter Road Management)        |          |          |
| 6 Geotextiles   |          |          | 18 Roadway Maintenance   |          |          |
| 7 Grade Stabilization Structures  |          |          | 19 Septic System Controls  |          |          |
| 8 Gradient Terraces   |          |          | 20 Spill Response and Prevention                                     |          |          |
| 9 Maintenance of Vegetative Cover   |          |          | 21 Storm Drain System Cleaning                                       |          |          |
| 10 Mulching   |          |          | 22 Recycling Programs  |          |          |
| 11 Permanent Seeding  |          |          | 23 Wellhead Protection Programs                                      |          |          |
| 12 Slope/Shoreline Stabilization  |          |          |  |          |          |
| 13 Sodding  |          |          |  |          |          |
| 14 Soil Roughening  |          |          |  |          |          |
| 15 Temporary Slope Drain  |          |          |  |          |          |
| 16 Temporary Stream Crossings   |          |          |  |          |          |
| 17 Vegetated Buffer   |          |          |  |          |          |
| <b>SEDIMENT CONTROL</b>   |          |          |  |          |          |
| 1 Brush Barrier   |          |          |  |          |          |
| 2 Sediment Basins and Rock Dams   |          |          |  |          |          |
| 3 Sediment Filters and Sediment Chambers                                  |          |          |  |          |          |
| 4 Sediment Trap   |          |          |  |          |          |
| 5 Silt Fence  |          |          |  |          |          |
| 6 Storm Drain Inlet Protection  |          |          |  |          |          |
| 7 Straw Bale Check Dams   |          |          |  |          |          |
| 8 Temporary Diversion Dikes   |          |          |  |          |          |
| 9 Wind Fences and Sand Fences   |          |          |  |          |          |
| <b>NONSTRUCTURAL BMPs</b>   |          |          |  |          |          |
| 1 Construction Review / Procedure   |          |          |  |          |          |
| 2 Construction Site Inspection and Maintenance                            |          |          |  |          |          |
| 3 Contractor Certification and Inspector Training                         |          |          |  |          |          |
| 4 General Construction Site Waste Management                              |          |          |  |          |          |
| 5 Regulatory Controls for Construction Site Runoff                        |          |          |  |          |          |