

**Town of Zionsville
On-Going Water Quality Characterization Activities
2006 Rule 13 Annual Report**

IDEM 303(d) Report

For this 2006 Annual Report, IDEM's Final 2006 303(d) List of Impaired Waterbodies is the most recent water quality data available. Based on this list, none of the 14-digit HUC watersheds or their waterbodies within the County's MS4 area are listed in categories 5A, 5B, or 5C. According to IDEM's 2006 Methodology for their 303(d) listing, all Category 5 waterbodies are not attaining state water quality standards.

IDEM 305(b) Report

An evaluation of the IDEM's 2006 305(b) Basin-wide Water Quality Report reveals that the water quality ratings for use support and causes are very similar throughout the Town's MS4 area. Therefore, the subwatersheds listed in the table below would all have the same value or consideration in terms of how the Town may prioritize their stormwater program efforts. While the use support and pathogens ratings may be related to the quality of stormwater runoff, PCBs are considered to be legacy pollutants that have been transported to the creek from non-stormwater discharges (direct discharges) and air deposition.

2006 305(b) Results for Town of Zionsville MS4 Area Subwatersheds

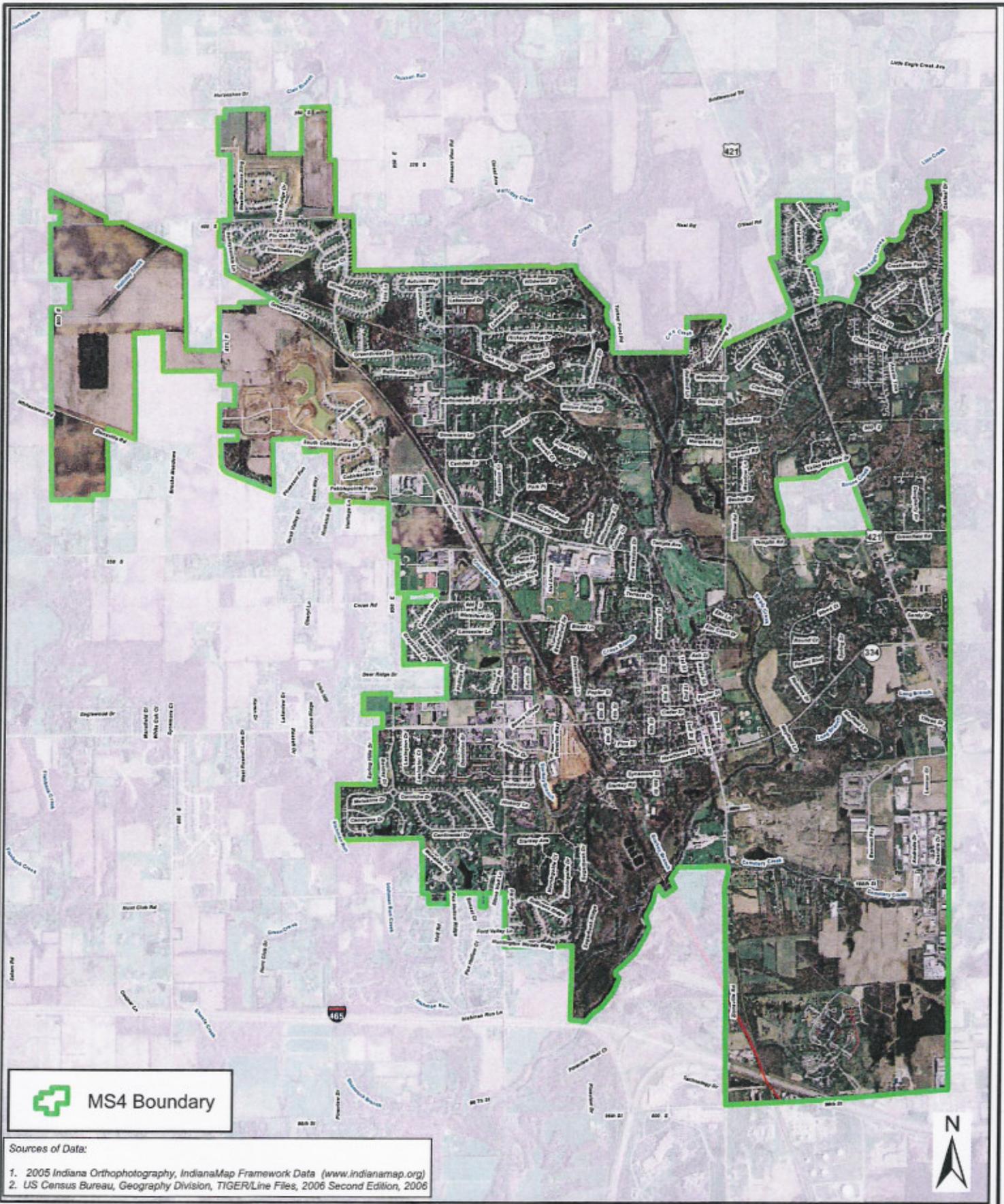
Waterbody Name	14-digit HUC	Use Support	Cause (stressor) Rating	Date Assessed
Eagle Creek – Jackson Run	05120201120050	F – Aquatic Life N – Contact	S – Pathogens	4/13/2003
Eagle Creek	05120201120050	F – Aquatic Life N – Contact	M – Pathogens	1/23/2003
Little Eagle Branch – Woodruff Branch	05120201120070	F – Aquatic Life N – Contact	M – Pathogens	1/23/2003
Eagle Creek – Long Branch/Irishman Run	05120201120080	F – Aquatic Life N – Contact	M – Pathogens	1/23/2003
Eagle Creek	05120201120080	F – Aquatic Life P – Fish Consum N – Contact	M – Pathogens M – PCBs	6/30/2003

Use Support: F=full support, P=partial support, N=non support

Cause (stressor) Rating: H=high, M=moderate, S=slight, T=need more information (IDEM, 2006)

The following subwatersheds will not be considered as priorities for the Town's Stormwater Program since the Town has such an insignificant amount of land area in these subwatersheds which is not located in the vicinity of the associated main waterbody. Therefore, the Town's efforts will have very little benefit for these subwatersheds.

- Crooked Creek (Marion) (05120201090070)
- Fishback Creek (Eagle Creek Reservoir) (05120201120090)

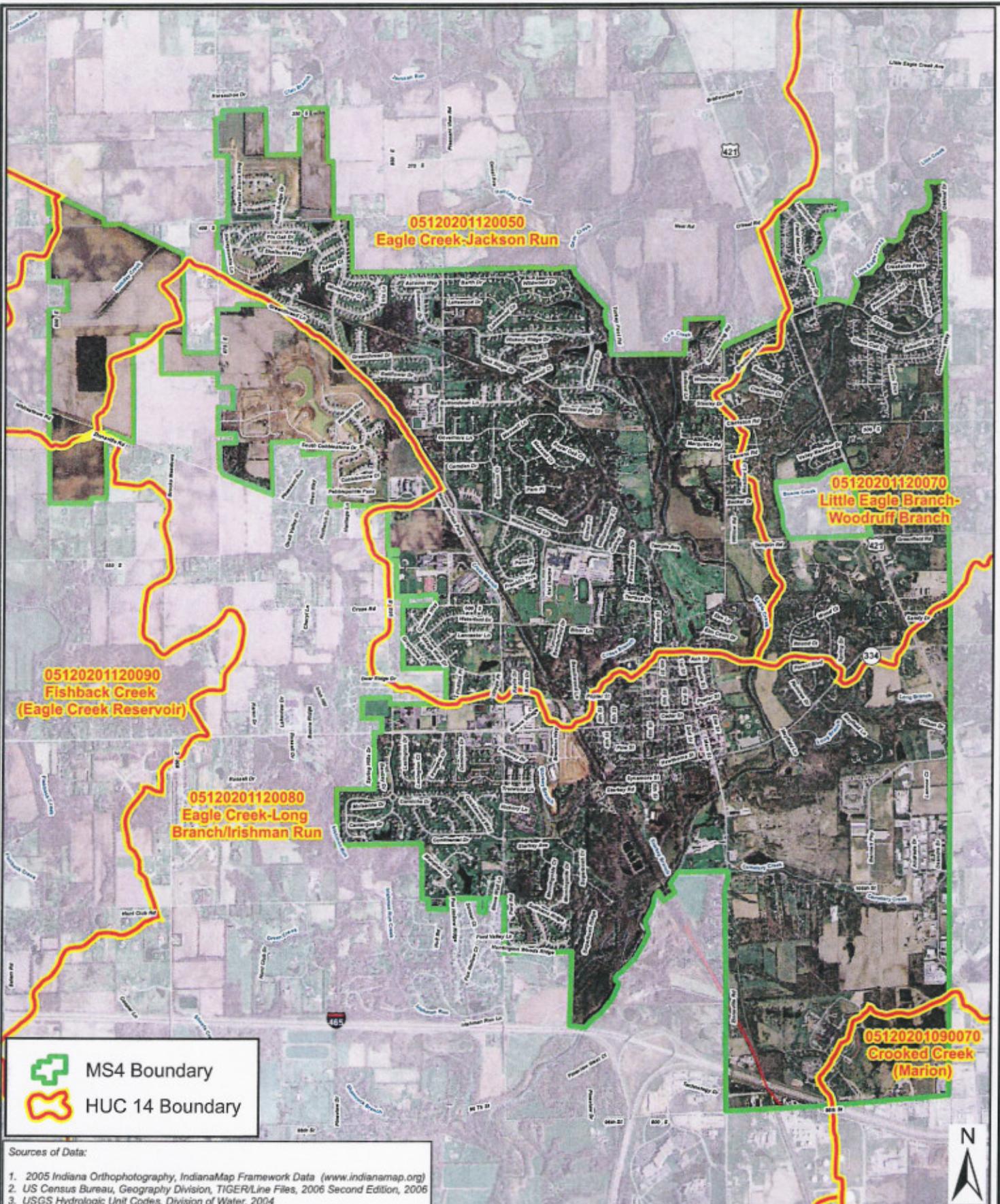


 MS4 Boundary

Sources of Data:
 1. 2005 Indiana Orthophotography, IndianaMap Framework Data (www.indianamap.org)
 2. US Census Bureau, Geography Division, TIGER/Line Files, 2006 Second Edition, 2006



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	TITLE: MS4 AREA	DATE: 05/07	
			EXHIBIT 1



Sources of Data:

1. 2005 Indiana Orthophotography, IndianaMap Framework Data (www.indianamap.org)
2. US Census Bureau, Geography Division, TIGER/Line Files, 2006 Second Edition, 2006
3. USGS Hydrologic Unit Codes, Division of Water, 2004

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	DATE: 05/07	
TITLE: HUC 14 WATERSHED BOUNDARIES		EXHIBIT 2