

**Monthly Progress Report**  
**Bear Creek Inter-County Drain Clean Water Initiative**  
**December 1 – 31, 2001**

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**Progress Made:**

**Wet Weather –**

- The final report, summarizing the findings of the wet weather investigation, the sediment sampling and other data collected in 2001 is being prepared.

**Follow-up –**

- A dry weather sample was collected at 619-GM by the City of Warren, on the Bear Creek Inter-County Drain, in order to confirm the presence of an illicit connection. Results yielded an *E. coli* count of only 10 cfu/100 ml. The outlet will be sampled again at a later date, in an attempt to duplicate the high result obtained during the initial dry weather investigation.
- Dye-testing was performed by the City of Warren in all the buildings in the vicinity of the illicit discharge found at outlet 619-S, on the Bear Creek Inter-County Drain, in order to locate where the illicit connection(s) exist. No illicit connections were found and no dye was observed in any of the storm drains. It is believed there is potentially a leaking bulkhead in the system or the illicit discharge is leaching into the pipe from a faulty sanitary sewer. Further investigative work will continue.
- The facility, which discharges to outfall 619-I, is ready to approve funding for illicit connection identification work at their facility in 2002. A request for proposals is being prepared.
- Further dry weather sampling was performed on the Dunleavy Drain (OC-2). Samples were collected on 12/13/01 at Manhole 2 through Manhole 17. *E. coli* counts were above 3,000 cfu/100 ml at 7 out of the 9 manhole locations. Manholes 15 and 17 tested below criteria. Further investigations are scheduled in January to pinpoint the source.

**Corrective Actions -**

- An illicit connection of an industrial building that was discharging to a Warren storm sewer on Nine Mile near Mound Rd, tributary to the Bear Creek Inter-County Drain, has been corrected.
- An illicit discharge was discovered by the Michigan Department of Transportation and traced back by the Oakland County Drain Commission to a commercial building that was discharging to the Sharkey Drain. The City of Madison Heights extended the sewer and the building subsequently corrected the tap.

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**Problems Encountered & Recommended Solutions:**

- None

**Activities for Next Reporting Period:**

- Continue laboratory selection process for the final verification samples.
- Continue follow-up on priority drains
- Continue development of 2001 Final Report.