

**Monthly Progress Report**  
**Bear Creek Inter-County Drain Clean Water Initiative**  
**November 1 – 30, 2002**

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**Progress Made:**

**Follow-up Sampling –**

- Performed wet weather sampling on two storm drains: the Hartsig Relief Drain (786-1) and the Bear Creek Warren Branch No.2 (723-5). Eight samples were collected from each drain during a rain event on 11/10/02. The results from the Hartsig Relief and the Bear Creek Warren Branch No.2 exhibited geometric means below the water quality criteria of 3,000 MPN/100 ml (184 MPN/100 ml and 936 MPN/100 ml, respectively).
- A third autosampler was installed the previous month for wet weather follow-up sampling (the Hartsig Relief Drain: 786-8). However, samples were not collected at this location and the sampler was extracted. Wet weather follow-up sampling has been suspended until the Spring of 2003. An attempt to collect follow-up samples at this location will be made at that time.
  
- A contractor was hired to perform a videotaped drain walk on the Loraine Drain between the 9-Mile Chamber and the outfall to Bear Creek. For each tap encountered a digital photograph was taken, locational information was recorded, and if flow was displayed, a sample was collected for *E. coli* analysis. Several leads into the drain exhibited elevated *E. coli* results, indicating the presence of illicit connections. The Cities of Centerline and Warren have been contacted to assist in tracing and eliminating the sources of these illicit connections. For further details on the results of the drain walk, refer to the Follow-Up Activity Sheet for the Lorraine Storm Drain.

**Final Verification Sampling -**

- Collected wet weather sample from the Grobbel Relief North & Branches Drain on 11/11/02. The *E. coli* concentration of the sample was 2,723 MPN/100 ml. This completes final verification sampling on the Grobbel Relief North & Branches.

**Problems Encountered & Recommended Solutions:**

None

**Activities for Next Reporting Period:**

- Summarize follow-up sampling results.