

Monthly Progress Report
Bear Creek Inter-County Drain Clean Water Initiative
July 1 – 31, 2002

Progress Made:

Corrective Actions -

- The City of Center Line reported that during the course of their IDEP activities, 9 illicit connections to a City storm drain tributary to the Lorraine Storm Drain have been detected. The discharges were not the result of direct connections, but rather entered the drain by way of leaking bulkheads. Six of bulkheads have been repaired. The remaining three will be repaired at the conclusion of the City's IDEP program, at which time any additional identified problems will be corrected as well. The City of Center Line is also undertaking several sewer rehabilitation projects designed to decrease the amount of wet weather flow entering the sanitary system and therefore decreasing the frequency of sanitary sewer overflows to the Lorraine Storm Drain. For further detail on these projects and the above referenced illicit discharges, please refer to the Lorraine Storm Drain Follow-up Activity Sheet.

Final Verification Sampling -

- Coordinated field schedule for the first round of sampling with Absolute Analytical. It was also decided to collect a third set of split samples to be sent to Chapaton Retention Basin for *E. coli* analysis comparison.
- Began final verification sampling on July 9, 2002 at 4 locations: Grobbel Relief North & Branches (695-1N), Bear Creek Warren Branch (723-16b), Bear Creek Warren Branch South (708-1) and Campbell No. 2 Drain (OC-3).
- Completed two sample rounds and forwarded results of sampling to the Channel Keepers for each sample event.
- Sample results for the two completed rounds are as follows:

Sample Event	Date	Drain ID	Drain Name	Results (MPN/100 ml)
1	7/9/2002	695-1N	Grobbel Relief North & Branches	907
		723-16b	Bear Creek Warren Branch	2,602
		708-1	Bear Creek Warren Branch South	52
		OC-3	Campbell No. 2 Drain	171
2	7/18/2002	695-1N	Grobbel Relief North & Branches	2,481
		723-16b	Bear Creek Warren Branch	24,192
		708-1	Bear Creek Warren Branch South	7,701
		OC-3	Campbell No. 2 Drain	7,270

*Analyzed at Martha T. Berry Medical Care Facility

- Since three drains exceeded the criteria set forth in the Work Plan during Sample Event 2, the decision was made to continue sampling the Grobbel Relief North & Branches only.

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Problems Encountered & Recommended Solutions:

Based on the results of the verification sampling, the Bear Creek Warren Branch, Bear Creek Warren Branch South and the Campbell No. 2 Drains should be placed on the priority list for follow-up investigations.

Activities for Next Reporting Period:

- Continue verification sampling on the Grobbel Relief North & Branches.
- Perform Follow-up activities.