

August 6, 2003

Indiana Department of Environmental Management  
Ms. Jessica Fliss  
100 North Senate Ave.  
P.O. Box 6015  
Indianapolis, IN 46206-6015

RE: ICS Treatment Facility – June 2003 Monthly Operation Report

Dear Ms. Fliss:

As per Supplement to Master Agreement For hazardous Substance Or Petroleum Response Services between the Indiana Department of Environmental Management (IDEM) and Earth Tech, Inc. (Earth Tech or ET) please find the Monthly Report of Operations of the Illinois Central Spring Treatment Plant, Bloomington Indiana for the reporting period of June 2003.

**Operational Status** – Operations were relatively normal for the period. Two improvements to the facility were started this month; the installation of a ventilation system for the SRS Sump; and the installation of a power conditioner. Highlights of the month are as follows:

Precipitation recorded for the month was 4.31 inches. The National Weather Service records show that the historical average rainfall for the month is 4.07 inches. The maximum rainfall during a 24-hour period was on June 13 with 1.13 inches recorded. Approximately 1,171,904 gallons of spring water was taken to storage with 1,171,904 gallons drained and processed through the treatment facility during the month of June. No spring water remained in storage at the month's end.

A total of 10,570,320 gallons of water was processed through the facility for the month of June. No clarified water was discharged as an overflow from the SRS Tanks. There were no overflows of untreated water from the SRS Sump during this period.

**Corrective Measures Taken or Planned in the Month of June 2003.**

- a. A contract was awarded to POM for power conditioning and protection equipment. Installation of the equipment should be completed in July.
- b. The replacement and upgrade of the general computer, the associated hardware and software were contracted to Frakes Engineering. Orders with the manufacturer were lost causing a delay in the receipt of the hardware.

NOTE: This reporting is filed electronically with the Project Manager of the State of Indiana, Department of Environmental Management (IDEM). The original reporting including signatory requirements are maintained at the ICS Water Treatment Facility at 1550 West Third St., Bloomington, Indiana 47403. Copies of this reporting are available for review upon written authorization of the IDEM Project Manager. The original documents on file at the ICS Water Treatment Facility shall prevail over any other such outstanding copy or reproduction. Discrepancies, changes, or modifications to copies should be confirmed with the original documentation.

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- c. Calibration of the flow meters and level sensors is scheduled for the same time period that the computer installation is to be completed.
- d. PCB Sludge was prepped for disposal pending authorization of IDEM.
- e. The treatment and SRS Sump ventilation project was let to HFI. The floor openings have been sealed in preparation of this work.
- f. The following items are being prepared for bid:
  - i. High Bay - Fan access (target date August, 2003)
  - ii. Bag Filter housing lift (not approved for installation)

### **Unexpected Maintenance Requirements**

- a. AIT 200 Turbidity Meter was fouled with excessive fines due muddy conditions during the 6/13/03 storm event.

### **Analytical Results**

A summary of the analytical results for the reporting period is attached to this report (See "Event Sampling Analysis"). Results for the month in review that are not currently available will be shown on the report without the test result. The log will be updated each month. Currently the only regular sampling sequence is a weekly effluent sample. Test results should be available during the next reporting period.

Semi-annual testing of the GAC units was conducted. Test on the first stage of both trains were below the qualification limits (BLQ). Testing was conducted following a storm event and after backwashing the units. It is believed that sampling methods may have played a role in the BQL detection (i.e. flushing of sample port, time of backwash cycle, etc.) Samples from the next testing period will need to be reviewed for evidence that the GAC may be showing signs that the carbon is becoming saturated. The testing is conducted on the lead GAC units in each train.

### **Evidence Of Trespassing**

There was no evidence of trespass during the reporting period.

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## Report from Visitors Log / Plant Access

The Visitor's Log is available for inspection at the ICS office. Copies of this log are available to authorized personnel upon request and authorization of the IDEM Project Manager. There were **no** telephone calls requesting tours or access from the general public. A request for a site review from Elaine Brophy of CBU was referred to the IDEM project manager to set a time and date.

Viacom had requested and was granted general access to the spring side of the project during the month for various sampling events. Access by Viacom is recorded on the Visitor's Log.

## Summary of Costs

Total costs for the reporting period of **June 2003 (5/14/03 to 6/20/03)** were **\$19,887.62**. Project cost for the Fiscal Year to date is **\$286,696.16** with a cumulative project cost of **\$538,308.59** since August 1, 2001 less any expenditure that have not been approved by the agency. This cost accounts for approximately **79.26%** of the fiscal years project costs as of the reporting date. **June** constitutes the **11th** month of the fiscal operating year.

This cover letter and attachments complete the monthly report for Illinois Central Spring. If there are any questions, please contact Tom High or Martin Lytle at 812-331-2741.

## Other Related Business

None

Sincerely,  
Earth Tech

Tom High  
Lead Operator

CC: Ken Theisen, U.S. EPA  
Britt Luther, Earth Tech  
John Bassett, Earth Tech

Bob Koentop, Earth Tech  
Marty Lytle, Earth Tech

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