

ICS Treatment Facility – September 2003 Monthly Operation Report

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

Attachments: 1. Event Sampling Analysis; 2. Monthly Rainfall; 3. 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 [September 2003](#).

Operational Status –

Operations were considered [normal](#) for the period. Singular highlights included:

- 1) [Operators were trained for use of the “911” Alarm System \(replaced MMI system\).](#)
- 2) [Review and update of equipment protocols.](#)
- 3) [Loss of one tree at the front of the building, removed.](#)
- 4) [Change out of Generator Fuel Filters and Oils.](#)
- 5) [Chlorinate MMF, reduction of biofouling.](#)
- 6) [Collect GAC samples from the A & B ports on vessels PV-I & PV-II](#)
- 7) [CBU contacted to maintain adjacent grounds.](#)

Improvements to the facility were started / finished this month that included the following:

- 1) [Ladders and Platforms installed for access to ventilation fans in treatment building.](#)

Precipitation -

- 1) Monthly Period (measured) [3.79 inches.](#)
- 2) NWS Mean Rainfall of Record [3.62 inches.](#)
- 3) Maximum Rainfall (24 hour period):
 - i. [September 1st](#)
 - ii. [1.37 inches](#)

Water Balance –

- | | | |
|--|---------------------------|---------|
| 1) Total Monthly Water Processed | 8,574,818 | gallons |
| 2) SRS Tank Storage (beginning of Month) | 0 | gallons |
| 3) SRS Tank Storage (end of Month) | 0 | gallons |
| 4) Tank Storage – Month Total | 969,664 | gallons |

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.

5) SRS Tank Storage (drained & processed)	969,664	gallons
6) SRS Tank Overflow (Clarified)	0	gallons
7) SRS Sump Bypass (untreated)	0	gallons

Maintenance - Corrective Measures Taken - Unplanned:

- 1) Repair of west end bay electrical circuit board.
- 2) Replace safety stripping on east end door.
- 3) AIT 200 failure, SRS automated drain valve.
- 4) Pump 102 – low flow rate.
- 5) ISCO sampler run failure – Not reset after software change over to the “911” Alarm system.

Capital Improvements & Additional Measures - Planned:

- 1) Bag Filter housing lift – safety consideration (not approved for installation)
- 2) Refit of SRS Ventilation under consideration.

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 is updated each month.

Currently the sampling sequence is a weekly effluent sample.
No additional testing or analysis has been requested or performed.

Evidence Of Trespassing

There was **no** evidence of trespass during the reporting period.

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 or other such correspondence requesting tours or access from the general public.

Summary of Costs

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.

Total Period Cost - September 2003 (08-22-03 through 09-24-03)	\$30,718.11
Fiscal Year to Date (8/1/2003 through 12/31/2003)	\$64,821.81
Cumulative Project Cost* of (August 1, 2001 to present)	\$622,593.51
Percentage of Fiscal Period Cost	35.38 %

* Less any expenditure that have not been approved by the agency.

Other Related Business:

None

Sincerely,
Earth Tech
Marty Lytle
Lead Operator

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.

C:\Documents and Settings\mcrice\My Documents\copa\ics\spt\September 03 Monthly Report (2) - 032604.doc