

**GROUNDWATER
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7/9/94

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July 9, 1994

Groundwater Technology, Inc.

7960 Castleway Drive, Indianapolis, IN 46250 USA

Tel: (317) 595-6400 Fax: (317) 595-6420

Mr. Brad Bradley
U.S. EPA Region 5
HSRL-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Mr. Bradley,

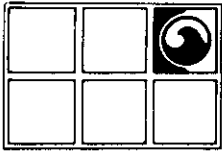
Attached please find the monthly progress report for activities at the Conrail Elkhart Indiana Rail Yard site's interim remedial action. Any questions on this submittal may be addressed by calling my office or contacting Mr. T.P. Pendergast at Conrail at (215) 209-1688.

Sincerely,

David Demko (FD)

David J. Demko, P.G.
Project Coordinator

cc: Tom Pendergast
Krista Duncan
Paul Lambert



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**MONTHLY PROGRESS REPORT
FOR
INTERIM REMEDIAL ACTION FOR CONRAIL ELKHART RAIL YARD SITE
ELKHART, INDIANA**

**Submitted to:
U.S. EPA Region 5
77 West Jackson Blvd.
Chicago, IL 60604**

July 10, 1994

**Prepared for:
Consolidated Rail Corporation
2001 Market Street 3C
Philadelphia, PA 19101-1403**

**Prepared by:
Groundwater Technology, Inc.
7960 Castleway Drive
Indianapolis, IN 46050**

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1.0 RD/RA ACTIONS

The following actions have been taken to comply with the Section 106 Unilateral Administrative Order that became effective August 6, 1992, for the Conrail Elkhart Rail Yard Site:

Alternate Water Supply

- Four pre-qualified bidders have been selected from the field of nine bidders. Bid documents were submitted to the four pre-qualified bidders on June 30. Bid packages are scheduled to be received by July 25. The construction contract award is scheduled for August 5;
- Submitted right-of-way permits and bond to INDOT for construction in state right-of-ways;
- Negotiations to acquire property for location of pump station continue; and,
- Attended zoning meeting on June 14 and obtained special use exception for pump station property.

Groundwater Extraction/Treatment System

- In accordance with comment 1 of the EPA comments to the 100% design, Conrail has suspended all activities relating to the design/construction of the extraction/treatment system.

Residential/Groundwater Monitoring

- Continued implementation of additional residential sampling plan (see section 5.0).
- Conducted 2nd Quarter residential POE/POU filter sampling on June 20 and 21.
- Conducted the 2nd quarter 1994 groundwater sampling event. Access to the Chizum property was again denied and therefore monitoring wells MW-5S, MW-5D, MW-6, and MW-9 were not sampled.

Filter Maintenance

- Change-out of POE carbon canisters was conducted from May 10 through June 15. A total of 67 carbon canisters and 70 pre-filters were changed. Supporting documentation can be provided at the request of EPA or IDEM.

2.0 DELIVERABLES

The following deliverables were submitted during the reporting period June 10 through July 10, 1994:

- Monthly progress report for the June 10 through July 10, 1994 reporting period.

The following deliverables will be submitted during the reporting period July 10 through August 10, 1994:

- The Monthly progress report for July 10 through August 10, 1994, reporting period;
- POE/POU filter preliminary analytical results for the 2nd quarter residential sampling event; and,

- Preliminary analytical results for the 2nd quarter groundwater sampling event.

3.0 RECENT DATA/FINDINGS

None at this time. All data relating to the additional residential sampling will be reported as outlined on the schedule in the Additional Residential Sampling Plan.

4.0 MODIFICATIONS TO WORK PLAN

The residential monitoring program has been modified to incorporate the additional residential sampling event as outlined in the April 29 additional residential sampling plan.

5.0 POTENTIAL PROBLEMS

Alternate Water Supply

- As discussed during the May 4 meeting between EPA, Conrail, IDEM, and the City of Elkhart, Conrail is waiting for EPA's response concerning the waiver of city inspection fees;
- The water system construction permit was submitted to Mr. Rick Miranda Section Chief of IDEM Drinking Water Branch on June 1. Conversations with IDEM indicate a permit reviewer was not assigned until June 24. Conrail offered to schedule a meeting with the permit reviewer to answer any questions relating to the design, however, the reviewer did not feel it was necessary. The reviewer is currently on vacation until July 18. Whereas the typical permit approval time is six weeks, a delay in the construction schedule can be anticipated unless the permit review process can be expedited. In order to adhere to EPA's required bidding schedule, contractors will not have knowledge of any permit specific requirements that could also affect the cost and schedule of the project.
- Conrail is still waiting for Elkhart County's approval and/or special requirements to construct in the county right-of-ways. This may also affect the project schedule and cost of installation.

Residential Monitoring

As shown on the list of residences attached to the April 29 Additional Residential Sampling Plan, 315 residences within the four service areas were scheduled to be sampled. The original list of 315 residences was based on the list of residences to be connected to the water system compiled by Wightman Petrie, Inc. with the assistance of Clean, Inc. During site access and GTI field activities, the following items have reduced the total number of residences on the list:

# of incorrect addresses on original list	19
# of vacant homes to date that cannot be sampled	6
# of homes already hooked to city water (Larue area)	12
# of residences sampled within the last 2 years or that have POE/POU filters	3
# residents to date that have refused access to sample	4
	total: 44

Therefore, subtracting 44 from the original list of 315, a revised total of 271 residences require

sampling. However, during field activities, 29 additional residences not on the original list of 315 were identified, increasing the total to 300. Of these new 29 residences, GTI was able to gain access and take samples from 26 of the residences without prior notice.

Prior to the sampling event, all residences on the original list of 315 were mailed notices that gave specific sampling times and dates for each residence and GTI's phone number to call if alternate times needed to be arranged. During GTI sampling activities, all residences were visited at the scheduled sampling times, however, over 10% of the residences were not present at the scheduled times. To date, 267 residences of the revised total of 300 have been sampled leaving a balance of 33 residences that require sampling (30 residents not present at scheduled sampling time, 3 additional homes identified in the field that had not been sent notices).

In accordance with the sampling plan, 75 residences in five areas (15 residences per area) outside the water supply service areas were also scheduled for sampling. To date, 68 of these residences have been sampled.

Conrail will again attempt to sample the 7 remaining residences in the five areas outside the service areas, or in the alternate, attempt to sample seven other residences in these five areas. Conrail will also attempt a second time to sample the outstanding 33 residences whose owners were not present at their scheduled time during the first round of sampling. However, this will be the last sampling effort in these areas if access cannot be obtained during this additional sampling event.

6.0 PROJECTED WORK FOR FOLLOWING SIX WEEKS

The following activities are expected to be conducted for the next reporting period:

Alternate Water Supply System

- Conduct pre-bid meeting with selected bidders on July 14;
- Review contractor proposals and award remedial contract;
- Continue with purchase of pump station property; and,
- Begin water main construction.

Residential Monitoring

- Completion of additional residential sampling event and begin data compilation.

7.0 SUMMARY OF CONTACTS

**CONRAIL ELKHART YARD
SUMMARY OF CONTACTS/CORRESPONDENCES WITH AFFECTED OFFICIALS
INTERIM REMEDIAL ACTION**

Date	Person/Office	Contacted By:	Reason for Contact/Discussion
6/27/94	Krista Duncan - IDEM	Dave Demko - GTI	Status of IDEM construction permit.

Date	Person/Office	Contacted By:	Reason for Contact/Discussion
7/5/94	Brad Bradley - EPA	Dave Demko	Left Message.
7/7/94	Brad Bradley	Dave Demko	Status of IDEM construction permit.
7/7/94	T.P. Pendergast - Conrail	John Wallace - Clean, Inc.	Status of the project.

8.0 PERMITS

Alternate Water Supply System

Following issuance of the construction permit by IDEM, remaining local permits will be pursued. Construction permits from the Indiana Department of Transportation, Elkhart County, and St. Joseph County are being pursued.

Groundwater Extraction/Treatment System

With EPA's suspension of the design as stated in the June 3 100% design comments, permitting activities have been discontinued.