

Contains No CBI

8e



NALCO CHEMICAL COMPANY

ONE NALCO CENTER □ NAPERVILLE, ILLINOIS 60563-1198 □ AREA 708-305-1454

8EHQ-0494-12958

JOHN J. KASPER
DIRECTOR, PRODUCT SAFETY
ENVIRONMENTAL HEALTH & SAFETY

ORIGINAL

PDCN: 8894000020

(B)

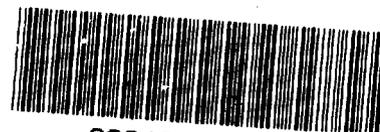
March 25, 1994



SUPP

CERTIFIED MAIL

TSCA Document Receipt Office (TS-790)
Attention: 8(e) Coordinator
Office of Pollution Prevention & Toxics
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460



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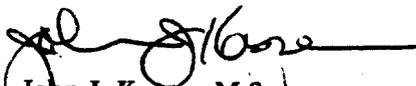
SUBJECT: Follow-up to our 3/25/94 8(e) Notification

We have completed additional water analysis (enclosure) from our customer's discharge of process water into Middle Creek. The data confirms that we cannot detect the presence of any polymer released to Middle Creek. Our instrumentation detection limit is 1.0 ppm.

We believe that this mitigates any environmental risk.

If we identify any additional, significant information, we will provide it to the agency.

Sincerely,


John J. Kasper, M.Sc.

JJK04602k

Encl.

REC'D
OFFICE OF POLLUTION
PREVENTION AND TOXICS
54 APR -6 AM 7:51

RECEIVED
5-13-94

3 pgs.



ANALYTICAL LABORATORY REPORT

From:
Covenant Coal Co.
Cedar Bluff, VA

Analysis No. CS 386887
Date Sampled 3/25/94
Date Received 3/29/94
Date Completed 3/30/94
Date Printed 3/30/94

Sample Marked:
Pond 2 Discharge To Pond 3

>>> ANALYTICAL RESULTS <<<

Lab Comments:

Request was made to analyze this sample for residual cationic polymer. The analysis was performed using our standard colloid titration with polyvinylsulfonate as the titrant and toluidine blue as the indicator. The method used is a modification of a procedure published in "Water and Sewerage Works" (1966). This method is not specific for any specific individual cationic polymer. Therefore, the resulting value obtained is the total polymeric cationic material in solution.

Titration of this sample yielded a result of not detected with a detection limit of about 1 ppm as product (N-9851). Known quantities of N-9851 were added to aliquots of the sample. Recovery of the spikes was 99 percent. This indicates that there are no chemical components present which interfere with the recovery of the spikes.

REC'D
OFFICE OF POLLUTION
PREVENTION AND TOXICS
94 APR - 6 AM 7:51

Analytical Laboratory Locations:

NALCO CHEMICAL COMPANY
ONE NALCO CENTER • NAPERVILLE, ILLINOIS 60563-1186
POST OFFICE BOX 87 • SUGAR LAND, TEXAS 77487-0087



Form 738 (8-89)



ANALYTICAL LABORATORY REPORT

From:
Covenant Coal Co.
Cedar Bluff, VA

Analysis No. CS 386886
Date Sampled 3/25/94
Date Received 3/29/94
Date Completed 3/30/94
Date Printed 3/30/94

Sample Marked:
Pond 3 Discharge To Middle Creek

>>> ANALYTICAL RESULTS <<<

Lab Comments:

Request was made to analyze this sample for residual cationic polymer. The analysis was performed using our standard colloid titration with polyvinylsulfonate as the titrant and toluidine blue as the indicator. The method used is a modification of a procedure published in "Water and Sewerage Works" (1966). This method is not specific for any specific individual cationic polymer. Therefore, the resulting value obtained is the total polymeric cationic material in solution.

Titration of the sample yielded a result of not detected with a detection limit of about 1 ppm as product (N-9851). Known quantities of N-9851 were added to aliquots of the sample. Recovery of the spikes was 85 percent. This indicates that there are chemical components present in the sample which interfere with the recovery of the spikes.

REC'D
OFFICE OF POLLUTION
PREVENTION AND TOXICS
24 APR -6 AM 7:51

Analytical Laboratory Locations:

NALCO CHEMICAL COMPANY
ONE NALCO CENTER □ NAPERVILLE, ILLINOIS 60563-1108
POST OFFICE BOX 87 □ SUGAR LAND, TEXAS 77467-0387

