

30-18276



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

APR 14 1994

Mr. Erwin J. Odeal
Executive Director
Northeast Ohio Regional Sewer District
3826 Euclid Avenue
Cleveland, Ohio 44115-2504

Dear Mr. Odeal:

SUBJECT: SURVEY AND SAMPLING PLAN FOR THE EASTERLY WASTEWATER TREATMENT PLANT SITE, REVISION 0, APRIL 1994

I am responding to the survey plan submitted by B. Koh & Associates, Inc., on March 29, 1994, for performing survey and sampling at the Northeast Ohio Regional Sewer District's (NORS D's) Easterly Wastewater Treatment Plant (EWTP). Our understanding is that this followup survey and sampling plan is based on a preliminary radiological survey and sampling effort on the Old Sludge Lagoon and adjacent areas performed by B. Koh and Associates, Inc., during November 24 through December 9, 1993, at the EWTP site. The preliminary survey indicated that cobalt-60 (Co-60) concentrations ranged between 0.483 picocuries per gram (pCi/g) and 297 pCi/g in four samples.

The survey and sampling plan indicates that the Old Sludge Lagoon area was previously used for the disposal of grit and other solids from the EWTP. Our understanding is that the thickness of grit in the Old Sludge Lagoon area may vary between 15 and 25 feet.

The stated purpose of the survey is to further define the nature and extent of the Co-60 contamination. We request that you provide this office with the survey results for our review. Based upon the review of the results, a determination will be made regarding the need for additional information and surveys to demonstrate that the site is suitable for unrestricted use.

Examples of additional information which may be needed include: 1) the minimum detectable activity for the survey instrumentation and analytical techniques, 2) the instrumentation calibration methods, 3) the subsurface sampling plan, 4) the investigation and remediation methods to be followed if contamination above Nuclear Regulatory Commission's unrestricted use criteria is identified, 5) the method used to average the results, and 6) the method for reporting the results.

240064

9406240257 940414
PDR ADOCK 03018276
C PDR

NL17 / 0

delete: ACW

Mr. Erwin J. Odean

- 2 -

If you have any questions, please contact Sam Nalluswami of my staff on (301)504-2502.

Sincerely,

(Original Signed by _____)

John H. Austin, Chief
Low-Level Waste and Decommissioning
Projects Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

cc:
T. Adams, B. Koh & Assoc.
B. Koh, B. Koh & Assoc.
R. Beals, Ohio EPA
H. Brugger, Ohio DOH
T. Brady, Cuyahoga County Board of Health
R. Staib, City of Cleveland Health Dept.
M. McCorkle, City of Cleveland Law Dept.

TICKET:DP-940032

DISTRIBUTION: Central File DWM r/f MKnapp JGreeves MBell
JHolonich MFederline NMSS r/f LLDP t/f CPoland JSurmeier
GShear PLohaus NORSD's Distribution List

In small Box on "OFC:" line enter: C = Cover E = Cover & Enclosure N = No Copy

OFC	LLDP	C	LLDP	N	LLDP		LLDP		IMNS
NAME	SNALLUSWAMI/cv		JCOPELAND		DFAUVER	DNF	TCJOHNSON		JDeCICCO
DATE	4/11/94		4/13/94		4/12/94		4/12/94		4/12/94
OFC	RIII		LLDP	C					
NAME	BY E-MAIL GMCCANN		JAUSTIN						
DATE	4/13/94		4/14/94						

Path & File Name:s:\llwmtpe\cecilia\noreasbk.smn - OFFICIAL RECORD COPY

PDR : YES NO
ACNW: YES NO
IG : YES NO
Category: Proprietary or CF Only
Delete file after distribution: Yes No

From: George M. McCann (GMM)
To: TCJ
Date: Wednesday, April 13, 1994 4:56 pm
Subject: EASTERLY SURVEY LETTER

TIM

RIII CONCURS WITH YOUR REVISIONS. THANKS FOR THE OPPORTUNITY.

MIKE M

CC: SMN