



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
789 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

OCT 09 1985

*Lickus*  
*MI*

Waste Management of North America  
ATTN: Mr. Jeff Passeno  
District Engineer  
22200 W. Nine Mile Road  
Southfield, MI 48034

Gentlemen:

This refers to the September 25, 1985, telephone discussion between you and Martin Schumacher of this office concerning radiological sampling at the SCA and Michigan Department of Natural Resources sites in Kawkawlin, Michigan, scheduled for November 4-5, 1985.

A representative of this office and of the Michigan Department of Public Health plan to be present to split samples from the wells and surface locations identified in the attachments to this letter. The NRC samples will be analyzed by the Radiological and Environmental Sciences Laboratory in Idaho Falls, Idaho. Analyses will include gross alpha, gross beta, and gamma emitters and isotopic thorium if gross alpha results exceed 5 pCi/liter.

It is our intention to continue sampling once a year unless the analyses indicate radioactivity levels of concern outside the slurry wells. We ask that you notify this office at least two weeks in advance of your planned sampling trips so that we can arrange our schedule to accommodate yours. We also request a copy of your May 1985 sampling data originally requested from Mr. Michael O'Toole of your Oak Brook, Illinois, office.

Please feel free to contact me or Mr. Schumacher (312-790-5514) for further discussion of this matter.

Sincerely,

*W.D. Shafer*

W. D. Shafer, Chief  
Emergency Preparedness and  
Radiological Protection Branch

Enclosures:

1. Discription of Waste  
Sampling Locations
2. Map of Selected  
Monitoring Locations

See Attached Distribution

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PDR FOIA  
MAYFIEL92-128 PDR

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OCT 09 1985

Distribution

cc w/enclosures:

D. Schultz, MI Dept. of  
Natural Resources

D. Cool, USNRC

R. Lickus, USNRC

E. Golson, Bay County  
Dept. of Health

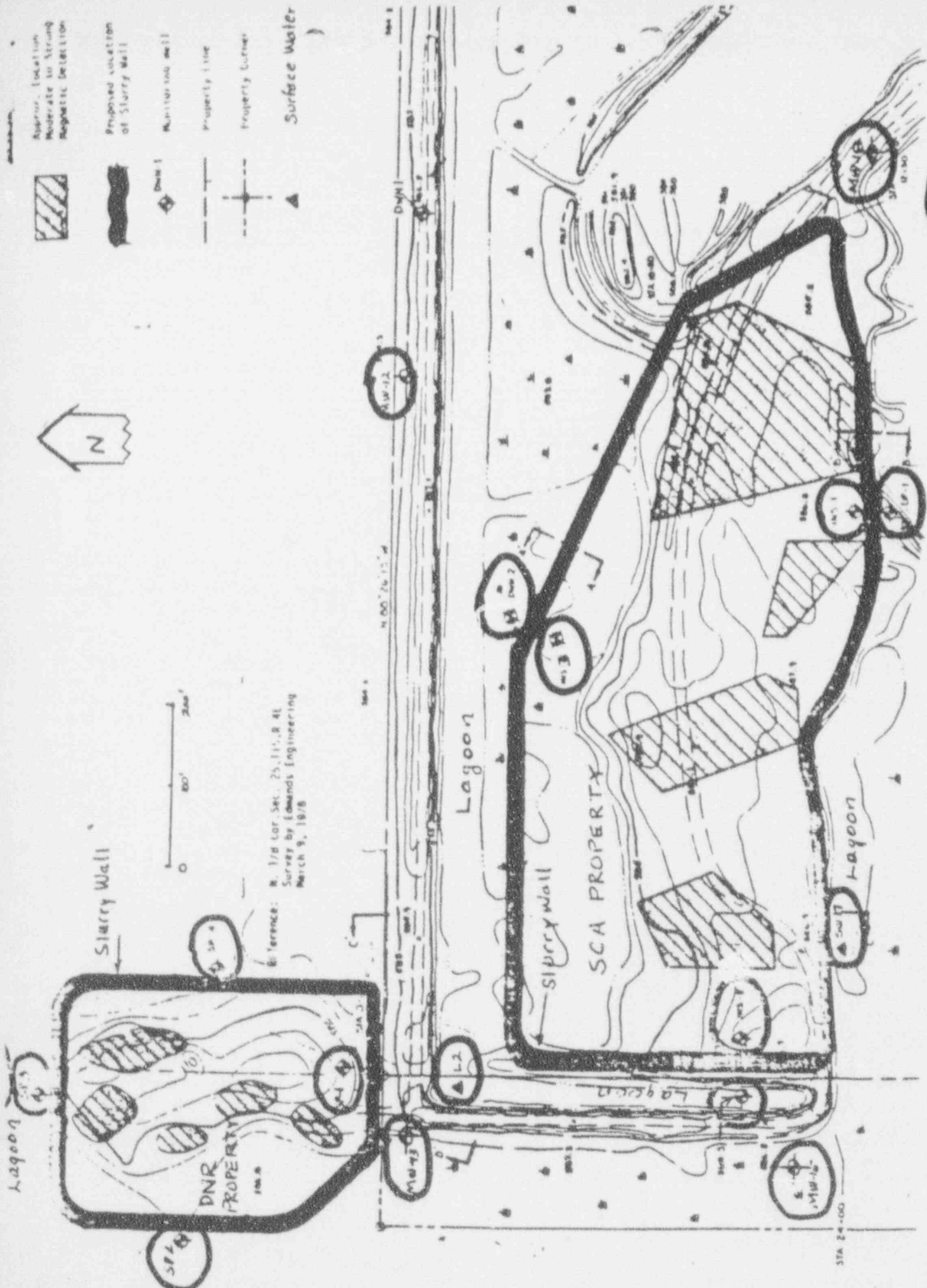
G. Bruchmann, MI Dept.  
of Public Health

# ATTACHMENT 1

## Description of Water Sampling Locations

<u>Location*</u>	<u>Description</u>
SP-1	Well inside DNR slurry wall
SP-2	Well outside (west) DNR slurry wall
SP-3	Well outside (north) DNR slurry wall
SP-4	Well outside (east) DNR slurry wall
MW-43	Well between DNR and SCA slurry walls
MW 12	Well near boundary between DNR and SCA sites
INS-1	Well inside SCA slurry wall (south)
UP-1	Well outside SCA slurry wall (south)
INS-2	Well inside SCA slurry wall (west)
DWN-3	Well outside SCA slurry wall (west)
INS-3	Well inside SCA slurry wall (north)
DWN-2	Well outside SCA slurry wall (north)
MW-15	Well outside and west of SCA slurry wall
MW-18	Well outside and east of SCA slurry wall
L1	Surface water from lagoon north of DNR slurry wall
L2	Surface water from lagoon between DNR and SCA slurry walls
SW-17	Surface water from lagoon south of SCA slurry wall
L3	Surface water from lagoon near Beaver Road

\* Location designations except L1, L2, and L3 are those used by WMI and DNR.



ATTACHMENT 2: SELECTED MONITORING LOCATIONS (circled)

at Beaver Food