

Katherine E. Reed, Ph.D.
Staff Vice President

3M Environmental, Health and
Safety Operations

900 Bush Avenue, Building 42-2E-26
PO Box 33331
St. Paul, MN 55133-3331
651 778 4331

RECEIVED
OPPT NCIC

2006 APR 27

8EHQ-030-374

2006 AF

8:53

Certified Mail

8EHQ-0406-00374

CONTAIN NO CBI
AR 226-3631

April 14, 2006

Document Processing Center
EPA East - Room 6428 Attn: Section 8(e)
Office of Pollution Prevention and Toxics
US EPA
1200 Pennsylvania Avenue NW
Washington DC 20460-0001



06 APR 21 AM 6:08

RECEIVED
OPPT CBIC

2006 APR 21 PM 2:53

RECEIVED
OPPT NCIC

Re: TSCA 8(e) Substantial Risk Notice: Sulfonate-based and Carboxylic-based
Fluorochemicals, Docket Nos. 8EHQ-1180-374; 8EHQ-0381-0394;
8EHQ-0598-373 - Results from Analysis of Groundwater in the vicinity of former
Oakdale Disposal Site

To whom it may concern:

3M is submitting this notice to supplement its previous submissions on sulfonyl and carboxylic-based fluorochemicals. 3M has recently received the enclosed analytical report (3M Environmental Laboratory Report No. 06-0151) for groundwater samples collected in the vicinity of the former Oakdale Disposal Site (Site) in Oakdale, MN.

From the late 1940's until 1960, a variety of industrial and municipal wastes were disposed of at a property known as the Abresch site in Oakdale, MN. This location is also known as the Oakdale Disposal Site and underwent an extensive site remediation/cleanup in 1983-84. In 1985, a pump-out system was installed to remove and contain solvent-impacted shallow groundwater at the Site. This system has been in continuous operation since installation.

3M has been leading a study, with involvement from the Minnesota Pollution Control Agency (MPCA) and Minnesota Department of Health (MDH), to characterize the presence of fluorochemicals at the Site. In an early phase of this assessment, existing on-site and near site monitoring and pump-out wells were monitored for fluorochemicals. Results from this work are provided in Exygen Study No. P0001400, Interim Report #1, enclosed. A map depicting the locations of these wells is also enclosed as Figure 1. The results from this early work were used as a basis for locating nine additional monitoring wells. Four of these monitoring points are on-site and five are in close proximity to the Site. The location of these wells is provided on Figure 2, enclosed. Results from the first round of sampling for these wells are contained in the aforementioned 3M Environmental Laboratory Report (No. 06-0151).

The new wells were constructed to sample from four different geological strata: alluvium, Platteville limestone, St. Peter sandstone and the Prairie du Chien group. These are depicted on Figure 3 for the Site. Results for four of the five offsite wells are below the limit of quantitation

000001

294909

86pp
3M

(0.025 ng/mL) for all analytes. Levels in the fifth offsite well are significantly less than 1 ng/mL (ppb) for each analyte.

While 3M does not believe that any of these data taken alone or cumulatively meet the "substantial risk" reporting threshold, we nevertheless recognize the ongoing work by U.S. EPA to assess fluorochemical exposure pathways. Therefore, we are placing these results in the 8(e) docket as a supplement to previous submissions.

If you have any questions, please do not hesitate to contact Gary Hohenstein at (651) 778-5150.

Sincerely,

A handwritten signature in cursive script that reads "Katherine E. Reed". The signature is written in dark ink and is positioned above the printed name and title.

Katherine E. Reed
Staff Vice President
Environmental, Health and Safety Operations

Enclosures

000002