

**GELMAN SCIENCES, INC.
REMEDIAL ACTION PROJECT
Scio Township, Washtenaw County, Michigan**

PUBLIC MEETING

OCTOBER 23, 1995

7:30 p.m.

**SCIO TOWNSHIP HALL
827 North Zeeb Road
Ann Arbor, Michigan**

PURPOSE: To present details and receive feedback on the major components of a work plan to reinject treated purge water back into the aquifer underlying the Core Area. Gelman Sciences, Inc. (GSI) will participate in the presentation. An agenda will be available at the meeting.

Please note that the Environmental Response Division, which oversees the GSI cleanup, was transferred from the Department of Natural Resources to the Department of Environmental Quality (MDEQ) on October 1, 1995. The Environmental Response Division will continue its functions as part of the MDEQ.

PROJECT UPDATE

October 3, 1995

Core Area System

GSI had previously pursued a surface water discharge for disposal of treated purge water and the state was nearing approval of that request. Due to local concerns, GSI has decided to pursue groundwater reinjection. GSI's September 20, 1995 submittal includes a scope of work for a Stage 1 Field Test to reinject treated purge water prior to design of a full scale groundwater remediation system. A decision on the submittal will be made after the October 23, 1995 public meeting. The MDEQ intends to require GSI to implement surface water discharge if it is determined that groundwater reinjection is not feasible. GSI has committed to treating purged groundwater to 3 parts per billion (ppb) if surface water discharge is necessary.

Evergreen System

Plume interception and contaminant treatment ceased in December 1994 due to bacterial fouling of the reinjection well. GSI has received MDEQ approval for a pilot test to add sodium hypochlorite to resolve this problem. GSI expects to resume plume capture, treatment and purge water reinjection by Oct. 16, 1995.

Western System

GSI has submitted a revised monitoring plan which is under review by the MDEQ. The need for additional investigation and remedial action will be assessed after results of the recent sampling are interpreted.

Marshy Area System

GSI completed a six month pilot test in January 1995. GSI has received MDEQ approval to extend the pilot test for an additional twelve months. Disposal of purged groundwater will be via the same treatment and disposal method approved for the Core System. GSI has submitted additional work plan clarification and a revised schedule which is under review by the MDEQ.

Soils System

GSI has submitted a remedial action plan (RAP) which proposes a generic industrial closure for the Burn Pit area. Other portions of the Soils System no longer contain levels of dioxane above the residential cleanup criteria. The RAP is under review by the MDEQ.

Spray Irrigation Field

This area no longer requires remediation because levels of dioxane in the soil are well below the current residential cleanup criteria for soil.

Water Supply Monitoring

Quarterly sampling of water-supply wells in the expected path of the two plumes of contamination resumed in May 1995. Dioxane was detected at 2 ppb at an additional water-supply well in the Evergreen subdivision. A water-supply well on Elizabeth was again found to contain 1 ppb of dioxane. It has not been confirmed that this is related to the GSI site.

Groundwater Monitoring

GSI has recently completed a comprehensive sampling event to determine the current extent and concentration of dioxane contamination. Measurements were also taken to determine groundwater flow. These data will aid in the design of a final RAP.

NREPA Amendments

On June 5, 1995, amendments to Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451 (formerly known as the Michigan Environmental Response Act, 1982 PA 307) became effective. These amendments increased the residential cleanup criteria for 1,4-dioxane from 3 ppb to 77 ppb in groundwater, and from 60 ppb to 1500 ppb in soil.

Consent Judgment Revisions

The Consent Judgment governing the cleanup will be revised prior to commencement of the Stage 1 Field Test. GSI has agreed that revision of the Consent Judgment will include a requirement that should there be any surface water discharge to the Honey Creek tributary, dioxane would be treated to 3 ppb, or less, prior to discharge. Other changes allowed by the amendments to NREPA will also be incorporated, as well as a schedule for implementation of work plans revised due to these modifications.

INFORMATION REPOSITORIES

A copy of correspondence and submittals related to the cleanup are available for review at the following locations:

Scio Township Hall
827 North Zeeb Road

Ann Arbor West Branch Library
Westgate Shopping Center

Ann Arbor Public Library
343 South 5th Avenue

CONTACTS

Questions or comments on general site issues can be directed to Ms. Kolon. Questions or comments on health issues related to drinking water can be directed to Ms. Graham.

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