

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

FINAL ORDER 90-030

AN ORDER RESCINDING ORDER NO. 87-038 ISSUED TO SOLA OPTICAL, PETALUMA PLANT, SONOMA COUNTY, IN ORDER TO INVESTIGATE, IDENTIFY AND REMEDIATE GROUNDWATER POLLUTION AT THE SOLA FACILITY.

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. On April 15, 1987 the Regional Board adopted Order No. 87-038, prescribing site cleanup requirements for Sola Optical, Petaluma plant (hereinafter referred to as the discharger).

2. The discharger manufactures optical lenses. The plant uses organic solvents in their manufacturing processes. No process wastewater is discharged to the groundwater treatment system.

3. Order No. 87-038 provides, in part as follows:

A. PROHIBITIONS

1. The discharge of wastes or hazardous materials in a manner which will degrade water quality or adversely affect the beneficial uses of waters of the State is prohibited.
2. Further significant migration of pollutants through subsurface transport to waters of the State is prohibited.
3. Activities associated with the subsurface investigation and cleanup which will cause significant adverse migration of pollutants are prohibited.

B. SPECIFICATIONS

2. The discharger shall conduct monitoring activities as needed to define the local hydrogeological conditions, and the lateral and vertical extent of the soil and groundwater pollution in and contiguous

to the zone of known pollution. Should monitoring results show evidence of plume migration, additional plume characterization may be required

C. PROVISIONS

2. The discharger shall comply with Prohibitions A.1., A.2., and A.3., and Specifications B.1. and B.2. above, in accordance with the following time schedule and tasks:

a. COMPLETION DATE: June 1, 1987

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b.. The report shall summarize the results of an investigation to identify, locate, and evaluate private and public wells which may be impacted by or act as vertical conduits for the migration of pollutants from the discharger's site.

b. COMPLETION DATE: June 1, 1987

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b defining the horizontal and vertical extent of soil and groundwater pollution onsite.

c. COMPLETION DATE: June 15, 1987

TASK: Submit a technical report to the Executive Officer in accordance with C.4b which contains a recommended interim remedial action plan and a discussion of alternative plans considered in the development of the recommended plan.

d. COMPLETION DATE: May 15, 1988

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b documenting completion of the installation and commencement of operations of the approved interim remedial action plan.

e. COMPLETION DATE: December 1, 1987

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b defining the horizontal and vertical

extent of any offsite groundwater pollution.

f. COMPLETION DATE: March 15, 1989

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b which evaluates the effectiveness of the interim remedial action measures as specified in 2c above.

g. COMPLETION DATE: March 15, 1989

TASK: Submit a technical report to the Executive Officer in accordance with Provision C.4b containing a summary of the results of the remedial investigation conducted pursuant to this order. and a recommendation on which additional measures, if any, should be implemented.

3. Technical reports on compliance with the Prohibitions, Specifications, and Provisions of this Order shall be submitted monthly to the Board commencing on May 10, 1987 and covering the previous month.

On a quarterly basis, commencing with the April 1987 report due May 10, 1987, the monthly report shall include, but need not be limited to, updated water table and piezometric surface maps for all affected water bearing zones, cross-sectional geological maps describing the hydrogeological setting of the site,.

4. The site remediation is currently being conducted with EPA oversight. U.S. EPA Order Docket No. 89-22 adequately regulates items addressed in Site Cleanup Order 87-038. Therefore the discharger is required to comply with EPA Order 89-22 as a condition of the rescission of Order No. 87-038. The Region Board retains all rights and jurisdiction with respect to water quality issues at the Sola Optical site.

IT IS HEREBY ORDERED THAT Site Cleanup Order No. 87-038 be rescinded.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on February 21, 1990.



STEVEN R. RITCHIE
Executive Officer