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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
1102-A Laurel Lane
San Luis Obispo, California 93401

ORDER NO. 89-13
WASTE DISCHARGE REQUIREMENTS
FOR
ASHWORTH BROTHERS, INC.
SALINAS, MONTEREY COUNTY

The California Regional Water Quality Control Board, Central Coast Region, (hereafter Board) finds that:

1. Ashworth Brothers, Inc. (hereafter Discharger), of Fall River, Massachusetts, owns and operates a metal conveyor belt manufacturing facility at 22250 Somavia Road, Salinas, California 93902, as shown on Attachment "A" of this Order.

2. Discharger uses acid solution and solvent in cleaning its products. In the past, the process waste was discharged untreated and it polluted underlying shallow ground water.

3. On December 9, 1986, Discharger installed a groundwater extraction and treatment system with a design capacity of 100,800 gallons-per-day. The treatment system uses carbon adsorption to remove dissolved components from extracted groundwater. The treated water has been discharged to on-site seepage pits since January 19, 1987, subject to Waste Discharge Requirements Order No. 87-23.

4. During 1988, a new extraction well was constructed off site to intercept migration of polluted groundwater. Extracted groundwater will be pumped back to the Discharger's property and treated by airstripping and/or carbon filtration. After treatment, it will be discharged into seepage pits.

5. On September 14, 1988, Discharger requested the allowable average daily flow be increased from 100,800 gallons-per-day to 864,000 gallons-per-day to accommodate the capacity of the new extraction well.

6. Up to 864,000 gallons-per-day (3270 cubic meters-per-day) of treated groundwater will be discharged on-site through existing seepage pits to subsurface soil. The pits are the same ones formerly used for discharge of process wastewater containing hazardous materials, with the intent to flush pollutants from the soil matrix. The three seepage pits are

located approximately 100 feet northeasterly from the plant facility. The pits are 20 feet deep and have a volumetric capacity of approximately 2300 cubic feet (66 cubic meters) each. Additional pits may be required to handle the additional volume to be discharged. If so, they will be installed near the existing pits.

7. The disposal site is located on level (2% slope) topography at an elevation of about 80 feet above mean sea level. Geology consists of sandy soils to a depth of 80 feet. Depth to shallow groundwater is approximately 30 feet. The shallow groundwater usually migrates northwesterly.

8. The Salinas River curves around the west side of the site and is located approximately 1/2 mile north, south, and west of the facility. Its general direction is northerly. River bed elevation west of the site is about 60 feet above mean sea level.

9. Domestic waste is treated by septic tanks and discharged to seepage pits. This domestic waste discharge is under the jurisdiction of Monterey County and is not regulated by this Order. Discharge of treated process water is regulated by this Board's Order No. 86-257.

10. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was originally adopted by the Board on March 14, 1975, and approved by the State Board on March 20, 1975. It is updated periodically. The Basin Plan incorporates State Board plans and policies by reference and contains a strategy for protecting beneficial uses of State Waters. The Basin Plan states that whenever the existing water quality is better than what is established by objectives, the existing quality shall be maintained. It prohibits discharge of any hazardous chemicals to waters of the State except in accordance with waste discharge requirements.

11. Beneficial uses of the shallow groundwater in the vicinity of the discharge include agricultural and industrial water supply. Deeper aquifers are used for domestic supply.

12. The project involves extraction and treatment of ground water that has been polluted with hazardous waste. It is part of a cleanup project for the protection and restoration of the environment. As such, it is exempt from the provisions of the California Environmental Quality Act in accordance with the California Code of Regulations, Title 14, Chapter 3, Section 15308.

13. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure compliance and mitigate any potential adverse changes in water quality due to the discharge.

14. On November 17, 1988, the Board notified the Discharger and interested persons of its intent to issue revised requirements for the discharge, provided them a copy of the proposed Order, and gave them the opportunity to submit their written views and recommendations.

15. In a public hearing on January 13, 1989, the Board heard and considered all comments pertaining to the discharge and found this Order consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, Ashworth Brothers, Inc., its agents, successors, and assigns, may discharge waste from the above described facility providing compliance is maintained with the following:

(Note: Other prohibitions and conditions, definitions and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated January, 1984. Applicable paragraphs are referenced in paragraph D.4 of this Order.)

A. Discharge Prohibitions

1. Discharge of treated waters to other than the seepage pits described herein is prohibited.

2. Bypass of the treatment processes is prohibited.

B. Effluent Limitations

1. Daily flow averaged over each month shall not exceed 864,000 gallons.

2. Effluent discharged to seepage pits shall not exceed the following limitations:

Constituent	Unit of Measurement	Maximum Concentration
1,1,1-Trichloroethane (TCA)	mg/l	0.200
Trichloroethylene (TCE)	mg/l	0.005
1,1-Dichloroethane	mg/l	0.020
1,1-Dichloroethylene	mg/l	0.006
trans-1,2-Dichloroethylene	mg/l	0.016
Total Nickel	mg/l	0.300
Total Chromium	mg/l	0.200

3. Effluent discharged to the subsurface seepage pits shall not have a pH less than 6.5 or greater than 8.4.

4. Extraneous surface drainage shall be excluded from the area of the seepage pits.

C. **Ground Water Limitations**

1. Excluding the parameters listed in paragraph C.2., below, the discharge shall not cause the quality of the shallow ground water to be degraded below that which occurs naturally, as determined from water quality collected prior to discharge.

2. Shallow ground water quality shall be restored to the following limits:

Parameter	Units	Maximum
1,1,1-Trichloroethane (TCA)	mg/l	0.200
Trichloroethylene (TCE)	mg/l	0.005
1,1-Dichloroethane	mg/l	0.020
1,1-Dichloroethylene	mg/l	0.006
trans-1,2-Dichloroethylene	mg/l	0.016
Total Nickel	mg/l	0.200
Total Chromium	mg/l	0.120

3. The discharge shall not adversely impact the quality of water in deeper aquifers.

D. **Provisions**

1. The Discharger shall comply with "Monitoring and Reporting Program No. 89-13," as ordered by the Executive Officer.

2. The treatment system shall be operated and maintained in a manner consistent with manufacturer's recommendations and/or engineering design.

3. The extraction rate of the cleanup system is not to be greater than what is absolutely necessary to effectively clean the soils and ground water. Unnecessary and unreasonable waste of water shall be cause to reopen this order for revision.

4. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January 1984, (also referred to as "Standard Provisions"), except Item Nos. A.4.-A.6., A.8, A.10., A.11., A.13., A.16., A.17., C.8., C.16., C.17., and C.18.

5. Order No. 87-23, "Waste Discharge Requirements for Ashworth Brothers, Inc., Monterey County," adopted by the Board on January 16, 1987, is hereby rescinded.

I, **WILLIAM R. LEONARD, 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, Central Coast Region, on January 13, 1989.

William R. Leonard
Executive Officer

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Item No. 12 Attachment 1
Rescind WDR Ashworth Bros
July 14, 2011 Meeting