

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

CLEANUP AND ABATEMENT ORDER NO. 92-077
AGAINST

SKYWEST AIRLINES, INC.
SKYWEST MAINTENANCE FACILITY
Palm Springs - Riverside County

The Executive Officer of the California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Skywest Airlines, Inc. (hereinafter referred to as the discharger), 50 East 100 South, Suite 201, St. George, Utah 84770, operates an aircraft maintenance facility located in the SE $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$ of Section 18, T4S, R5E, SBB&M. The street address of the facility is 333 North Gene Autry Trail, Palm Springs, CA 92262.
2. Skywest Maintenance Facility is currently regulated by Waste Discharge Requirements prescribed in Board Order No. 87-071, which was adopted on July 13, 1987.
3. The discharger has been discharging a maximum of 1,500 gallons-per-month of airplane washwater into an oil and grease interceptor that drains into a seepage pit.
4. The discharger reports that common household detergents were used as a cleaning solvent in addition to rinse water to remove grease, oil, fuel, and other petroleum hydrocarbons which are normally present on landing gears and other airplane parts.
5. The discharger reports that there are no wells within 500 feet of the discharge facilities. The site is relatively flat on a sandy alluvial floodplain. Soil borings indicate that the soil down to 50 feet is comprised of layers of sand and gravelly sand.
6. Ground water depth at this location is approximately 160 feet. The nearest well is approximately one mile southwest of the site.
7. During a Regional Board staff inspection on July 1, 1992, excessive oil was found in the oil and grease interceptor and a Notice of Violation was issued on July 9, 1992. During the inspection the wastewater was sampled and analyzed according to EPA Method 601 for volatile organic compounds, and the following excessive levels of hazardous constituents were detected: methylene chloride was 1,980 $\mu\text{g/L}$ and naphthalene was 13,400 $\mu\text{g/L}$. The Environmental Protection Agency (EPA) lists health advisory standards for methylene chloride at 6.0 $\mu\text{g/L}$ and naphthalene at 20 $\mu\text{g/L}$.
8. On July 12, 1992, the Regional Board staff sampled the wastewater in the seepage pit, and in addition to an analysis according to EPA Method 601 for volatile organic compounds, an analysis for total petroleum hydrocarbons (TPH) was conducted according to EPA Method 8015. The results showed naphthalene at 1,150 $\mu\text{g/L}$ and TPH at 47,000 $\mu\text{g/L}$ (ppb).

*Received
7/19/93*

9. Upon request of the Regional Board staff, the discharger submitted a Preliminary Subsurface Investigation Report, dated October 1992, which was prepared by El Capitan Environmental Services. The report revealed a TPH of 1,180 mg/kg (ppm) in a soil boring at 20 feet.
10. The hazardous constituents stated in Findings No. 7., 8., and 9. indicate soil contamination, which threaten to pollute the ground water underlying the site.
11. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted May 15, 1991 and designates the beneficial uses of ground and surface waters in this Region.
12. The beneficial uses of ground waters in the Coachella Hydrologic Unit are:
 - a. Municipal Supply (MUN)
 - b. Industrial Supply (IND)
 - c. Agricultural Supply (AGR)
13. Contamination of ground water at this site would adversely impact the above listed beneficial uses.
14. Section 13304 of the California Water Code states, in part, that:

"Any person ... who has caused or permitted ... any waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the State and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the regional board cleanup such waste or abate the effects thereof, or, in the case of threatened pollution or nuisance, take other necessary remedial action."
15. This enforcement action is exempt from the California Environmental Quality Act pursuant to Section 15321, Chapter 3, Title 14 of the California Code of Regulations.

IT IS HEREBY ORDERED, that pursuant to Section 13304 and Section 13267 of Division 7 of the California Water Code, the discharger shall comply with the following:

1. Cleanup and abate all contaminated soil in addition to the treatment and disposal system to levels which are determined acceptable by the Regional Board Executive Officer.
2. By November 30, 1992, submit to the Regional Board a workplan and time schedule for remedial action to remove all contaminated soil in compliance with levels specified in action No. 1, above.
3. On December 31, 1992, submit to the Regional Board a progress report describing the cleanup investigation.

4. By February 28, 1992, complete all remediation and cleanup work and submit a final technical report containing the results of the cleanup work.
5. All technical and monitoring reports required in conjunction with this Order are required pursuant to Section 13267 of the California Water Code and shall include a statement by the discharger or an authorized representative of the discharger certifying under penalty of perjury under the laws of the State of California that the report is true, complete and accurate.
6. All technical reports submitted to the Regional Board for consideration shall be prepared by a professional who is registered as a civil engineer, or certified as an engineering geologist in the State of California.

If, in the opinion of the Executive Officer, this Order is not complied with in a reasonable and timely manner, the Executive Officer will recommend additional enforcement action by the Regional Board which may include the imposition of administrative civil liabilities, or referral to the State Attorney General for such legal action as may be deemed appropriate.

Ordered By: Philip A. Greenberg
Executive Officer

Date: 10-23-92