



California Regional Water Quality Control Board Los Angeles Region

Winston H. Hickox
Secretary for
Environmental
Protection

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Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>



February 13, 2002

David V. Erlendsson
ISCO Machinery
4796 West Sierra Highway
Acton, California 93510

Dear Mr. Erlendsson:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR SMALL COMMERCIAL AND MULTIFAMILY RESIDENTIAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS – ISCO MACHINERY, 4796 WEST SIERRA HIGHWAY, ACTON (FILE NO. 01-149, CI-8367)

We have completed our review of your application for Waste Discharge Requirements to discharge domestic wastewater from ISCO Machinery at the subject location.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge limited to domestic wastes, meets the conditions specified in Order No. 01-031, "General Waste Discharge Requirements for Small Commercial and Multifamily Residential Subsurface Sewage Disposal Systems," adopted by this Regional Board on February 22, 2001. Refer to the attached Fact Sheet.

Enclosed are your Waste Discharge Requirements, consisting of Order No. 01-031 and Monitoring and Reporting Program No. CI-8367. Please note that the discharge limits in Attachment A of this Order No. 01-031 are applicable to your discharge.

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8367", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. 01-031 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption
For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations

Mr. David V. Erlendsson
ISCO Machinery

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February 13, 2002

If you have any additional questions, please contact Mr. Carey Wilder at (213) 620-2267.

Sincerely,



Dennis A. Dickerson
Executive Officer

Enclosures

cc: Mr. Mike Floyd, Division of Water Quality, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Richard Wagener, Los Angeles County, Department of Health Services
Mr. Robert M. Duhe, DUHE DESIGNS

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STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
ISCO MACHINERY

ORDER NO. 01-031

FILE NO. 01-149

FACILITY ADDRESS

4796 West Sierra Highway
Acton, CA 93510

FACILITY MAILING ADDRESS

4796 West Sierra Highway
Acton, CA 93510

PROJECT DESCRIPTION:

ISCO Machinery, Inc., is a rental company for heavy construction equipment. The facility is utilized as a storage yard for the equipment. ISCO Machinery Inc., proposes to discharge only domestic wastes into an on-site sewage disposal system that consists of a 1200 gallon capacity septic tank and one 90-foot long leach line. There are no other discharges related to the operation. The domestic wastes discharge into a septic tank that allows for the settling of solids and provides the initial treatment of the septage. The septic tank will reduce pollutant levels and produce an effluent of fairly uniform quality. The effluent coming out of the septic tank will flow to a leaching system, which disperses the sewage effluent into the natural soil.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 50 gallons per day of domestic wastes will be discharged to an on-site sewage disposal system located at 4796 West Sierra Highway, Acton, California (Latitude: 34° 29' 55", Longitude: 118° 13' 12").

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI-8367
FOR
ISCO MACHINERY
(FILE NO. 01-149)**

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program, limited to domestic discharges, on the effective date of this order. The first monitoring report under this Program is due by July 15, 2002.

Monitoring reports shall be received by the dates in the following schedule:

| <u>Reporting Period</u> | <u>Report Due</u> |
|-------------------------|-------------------|
| January – June | July 15 |
| July – December | January 15 |

- B. If there is no discharge, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- C. By January 30 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- D. Laboratory analyses – all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). The laboratory must meet the United States Environmental Protection Agency (USEPA) Quality Assurance/Quality Control (QA/QC) criteria. Pollutants shall be analyzed using the methods described in 40 CFR 136.3, 136.4, and 136.5; or where no methods are specified for a given pollutant, methods approved by the Regional Board shall be utilized.
- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher

February 13, 2002

ML from the Executive Officer. At least once a year, the Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures.

- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current USEPA guideline procedures or as specified in this Monitoring Program."
- G. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

II. SEPTIC TANK AND DISPOSAL SYSTEM MONITORING REQUIREMENTS

The semi-annually reports shall contain the following information:

1. Average and maximum daily waste flow for each month of the quarter, in gallons per day.
2. Estimated population served during each month of the reporting period.
3. Results of at least quarterly observations in the disposal area for any over flow or surfacing of wastes.

In addition, the Discharger shall annually submit an operation and maintenance report on the septic systems. The information to be contained in the report shall include, at a

minimum, the following:

1. The name and address of the person or company responsible for the operation and maintenance of the facility;
2. Type of maintenance (preventive or corrective action performed);
3. Frequency of maintenance, if preventive;
4. Periodic pumping out of each septic tank; and
5. Maintenance records of each septic disposal system.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program will not be required at this time. If in the future, the Executive Officer determines that a *groundwater monitoring program* is needed to evaluate any impact from wastewater discharges from the septic disposal system at the site, the Discharger shall submit a groundwater monitoring program *designed to fully detect and evaluate the impacts*. A groundwater monitoring network plan must be submitted to this Regional Board within 45 days from the notification of the monitoring requirement and is subject to the Executive Officer's approval prior to implementation. The groundwater monitoring wells must be installed in such a way so as to fully assess the *background groundwater quality and the downgradient groundwater quality*. The plan shall include the exact location of the proposed wells, depths, construction of wells, schedule for the installation and proposed *sampling of the wells*.

Upon obtaining Executive Officer's approval of an adequate groundwater monitoring network plan, construction and development of the proposed wells shall be completed within 60 days in accordance with the standards in Bulletins 74-81 and 74-90 of California Department of Water Resources. Within 30 days after installation of monitoring wells, a well installation report including a scaled plot plan, soil boring logs, water quality data, well permits and *as-built well construction diagrams* shall be submitted to this Board. This groundwater monitoring schedule may be subject to revision after completion of the first year of baseline water quality monitoring.

The monitoring program must be prepared under the direction of a California Registered Geologist, or Certified Engineering Geologist, or a California Registered Civil Engineer with appropriate experience in hydrogeology.

The following shall constitute the groundwater monitoring program:

| <u>Constituent</u> | <u>Units*</u> | <u>Type of Sample</u> | <u>Minimum Frequency of Analysis</u> ^[1] |
|------------------------|---------------|-----------------------|---|
| Total coliform | MPN/100mL | grab | semi-annually |
| Fecal coliform | MPN/100mL | grab | semi-annually |
| Enterococcus | MPN/100mL | grab | semi-annually |
| Ammonia-N | mg/L | grab | semi-annually |
| Nitrate-N | mg/L | grab | semi-annually |
| Nitrite-N | mg/L | grab | semi-annually |
| Organic nitrogen | mg/L | grab | semi-annually |
| Phosphorus | mg/L | grab | semi-annually |
| Total dissolved solids | mg/L | grab | semi-annually |
| Boron | mg/L | grab | semi-annually |
| Chloride | mg/L | grab | semi-annually |
| Sulfate | mg/L | grab | semi-annually |
| Fluoride | mg/L | grab | semi-annually |

[1] If any constituent exceeds the baseline water quality data, then the frequency of analyses shall increase to monthly until at least three test results have been obtained and there is no more exceeding constituent, after which the frequency of analyses shall revert to quarterly.

* MPN/100mL: Most Probable Number per milliliter; mg/L: milligram per liter

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Observation of groundwater levels, recorded to 0.01 feet mean sea level;
- d. Groundwater contour map depicting the hydraulic gradient and direction of groundwater flow across the subject tract; and
- e. Vertical separation of groundwater levels to bottom of each septic disposal system (leach field and /or seepage pit).

IV. WASTE HAULING REPORTING

In the event that waste sludge, septage, or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

V. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

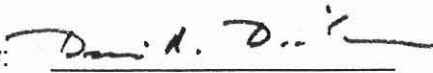
Executed on the _____ day of _____ at _____.

(Signature)

(Title)"

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by:



Dennis A. Dickerson
Executive Officer

Date: February 13, 2002