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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 6231

FOR

CHIQUITA CANYON LANDFILL, INC.
A USA WASTE SERVICES COMPANY
(Chiquita Canyon Landfill)

(File No. 67-20)

I. REPORTING

- A. The discharger shall implement this Monitoring and Reporting Program beginning December 1, 1998. Monitoring reports for the detection monitoring program (DMP) including the corrective action monitoring (CAP) shall be submitted to the Regional Board semi-annually by June 30 and December 31 of each year.
- B. The discharger shall submit waste disposal reports to the Regional Board quarterly on the following schedule: the first quarter reports by May 15 of each year, the second quarter reports by August 15 of each year, the third quarter reports by November 15 of each year, and the fourth quarter reports by February 15 of each year.
- C. Quarterly monitoring for the DMP and CAP shall be performed during the months of January, April, July, and October. In the event monitoring is not performed as above because of unforeseen circumstances, substitute monitoring shall be performed as soon as possible after these times, and the reason for the delay shall also be given.
- D. By March 1 of each year, the discharger shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record, including the result of annual leachate collection and removal systems performance test and the effectiveness of the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- E. All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analyses must follow methods approved by the United States Environmental Protection Agency, and the laboratory must meet EPA Quality Assurance/Quality Control criteria.
- F. For any analyses performed for which no procedures are specified in the EPA guidelines or in this Monitoring and Reporting Program, the constituent or

parameter analyzed, and the method or procedure used, must be specified in the report.

- G. The discharger may submit additional data to the Regional Board not required by this program in order to simplify reporting to other regulatory agencies.
- H. Analytical data reported as "less than ..." shall be reported as less than a numeric value, or below the limit of detection for that particular analytical method. Also, method detection limit for each monitoring parameter shall be reported.
- I. If the discharger performs analyses for any parameter more frequently than required by this Program using approved analytical methods, the results of those analyses shall be included in the monitoring report.
- J. The results of the waste load checking program as proposed in the Joint Technical Document shall be reported in each waste disposal report.
- K. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
- L. The discharger shall retain records of all monitoring information, including all calibration and maintenance records regarding monitoring instrumentation and copies of all data submitted to regulatory agencies for a period of at least five years. This period may be extended by request of the Regional Board at any time, and shall be extended during the course of any unresolved litigation regarding all or any part of the entire waste management facility.
- M. This Monitoring and Reporting Program includes the attached "Standard Provisions Applicable to Waste Discharge Requirements" (Attachment I). If there is any conflict between provisions stated herein and the "Standard Provisions Applicable to Waste Discharge Requirements", these provisions stated herein will prevail.
- N. Records of monitoring information shall include:
 - 1. The date, exact place, procedure, and time of sampling or measurement;
 - 2. The individual(s) who performed the sampling or measurement;
 - 3. The date(s) analyses were performed on the samples;
 - 4. The individual(s) who performed the analyses;
 - 5. The analytical techniques or methods used;
 - 6. The results of the analyses or measurements, including both statistical and non-statistical analyses;
 - 7. The method detection limits;
 - 8. The executive summary of the key findings;

9. The laboratory QA/QC data and chain of custody records (except for annual reports);
 10. The laboratory certification information;
 11. The velocity and direction of groundwater flow; and,
 12. The measurement of the static water levels of all monitoring wells.
- O. In reporting the monitoring data, the discharger shall arrange the data in tabular form.
- P. Monitoring reports shall be signed by:
- a. In the case of corporations, by a principal executive officer at least of the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates;
 - b. In the case of a partnership, by a general partner;
 - c. In the case of a sole proprietorship, by the proprietor;
 - d. In the case of a municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
- Q. Each report shall contain the following completed declaration:

"I declare under penalty of perjury that the following is true and correct.

Executed on the _____ day of _____ at _____.

_____ (Signature)

_____ (Title)"

II. WASTE DISPOSAL REPORTING

- A. The reports to the Regional Board shall include a map of the site, and shall indicate the area(s) where disposal is taking place or will begin. This map shall be updated quarterly, and summarized and submitted with the annual report due February 15 of each year. If a new area is landfilled, it shall be identified in the corresponding quarterly report.
- B. A waste disposal report containing the following information shall be filed with this Regional Board each quarter:

1. A tabular list of the estimated average monthly quantities (in cubic yards or tons) and types of materials deposited each month.
2. An estimate of remaining capacity (in cubic yards and tons), and the remaining life of the site in years and months.
3. A certification that all wastes deposited were deposited in compliance with the Regional Board's requirements, and that no wastes were deposited outside of the boundaries of the waste management facility as specified in the Regional Board's requirements.
4. A description of the location and an estimate of the seepage rate or flow of all known seeps and springs at the site.
5. The estimated amount of water used at the waste management area for landscape irrigation, compaction, dust control, etc., during the month. (If a source other than potable water is used, the sources and amounts of water from each source shall also be reported.)
6. Quantities of liquid pumped from the leachate monitoring sumps and/or extraction wells, including dates of removal, and the ultimate disposition (dust control, returned to landfill, disposal). If no liquid was detected or pumped during the reporting period, a statement to that effect shall be submitted.
7. The discharger shall tabulate and report the quantity of shredder wastes deposited each calendar month and the number of loads deposited from Hugo Neu-Proler or other treated auto shredder waste generators.
8. The discharger shall report all unacceptable (to this site) wastes inadvertently received at this site and their disposition. The following details shall be included:
 - a. The source (if known), including the hauler, of the unacceptable wastes and date received and/or discovered.
 - b. Identification of waste (if known) and the amount of waste.
 - c. The name and address of the hauler who removed the waste from this site
 - d. The ultimate point of disposal for the waste.
 - e. The discharger's actions to prevent recurrence of the attempted depositing of unacceptable wastes by this source or individual (if

applicable). If no unacceptable wastes were received (or discovered) during the month, the report shall so state.

III. GROUND WATER AND VADOSE ZONE MONITORING

1. Provisions and General Requirements

- A. All sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
- B. The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to ensure accuracy of measurements, or shall ensure that both activities will be conducted.
- C. No filtering of samples taken for organics analyses shall be permitted. Samples for organic analyses shall be taken with a sampling method which minimizes volatilization and degradation of potential constituents.
- D. Analytical results for ground water monitoring shall be submitted with the corresponding semi-annual monitoring report. If a well was not sampled (or measured) during the reporting period, the reason for the omission shall be given. If no fluid was detected in a monitoring well, a statement to that effect (in lieu of analyses) shall be submitted.
- E. Quarterly observations and measurements of the static water levels shall be made on all monitoring wells, and records of such observations shall be submitted with the semi-annual monitoring reports.
- F. All monitoring wells shall be sounded each third quarter to determine total depth. Wells affected by pumping shall be measured prior to pumping insofar as is possible.
- G. Duplicate samples shall be taken for constituents of concern metals analyses only. Unfiltered samples shall be tested for total metals, and field-filtered samples (.45 microns) shall be tested for dissolved metals. Both samples must be preserved with nitric acid; however, care shall be taken that the dissolved metals samples are not exposed to acids until after filtering.
- H. Representative water samples shall be obtained from at least the monitoring points listed in Provision D of this Regional Board's Order No. 98-086.

- I. The laboratory QA/QC report shall include, at a minimum, method blanks, calibration checks, surrogate recoveries, matrix spikes, and matrix spike duplicates, spiking concentrations, and laboratory quality control samples. Spiking concentration must be no more than 10 times of method detection limit.
- J. Practical quantitation limits shall be below the current maximum Contaminant Levels listed in Title 22 of California Code of Regulations or Action Levels recommended by the California Department of Health Services, whenever it is possible.
- K. Proper chain of custody procedures shall be used.
- L. Constituents detected between the method detection limits and the practical quantitation limits must be reported, but may be reported as a trace.

2. Sampling and Analyses

- A. Routine quarterly sampling and analyses of ground water and soil pore liquids for the DMP and CAP (for monitoring wells DW-1 and DW-3) shall consist of the monitoring parameters listed in Provision E.7 of this Regional Board's Order No. 98-086.
- B. Routine sampling and analyses consisting of the constituents of concern listed in Provision D of this Regional Board's Order No. 98-086 shall be completed every five years (starting year 2001), unless required more frequently due to an indication of a release, as described in Title 27, California Code of Regulations, Section 20420.

IV. STORM WATER MONITORING

- A. The discharger shall perform stormwater discharge monitoring consistent with the requirements of Water Quality Order No. 97-03-DWQ (Waste Discharge Requirements for Discharge of Storm Water Associated with Industrial Activities Excluding Construction Activities) adopted by the California State Water Resources Control Board under the National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000001 and Stormwater Pollution Prevention Plan, Chiquita Canyon Landfill, Los Angeles County, California. Analyses of stormwater discharge samples shall consist of the monitoring parameters listed in Provision E.7 of this Regional Board's Order No. 98-086.
- B. Stormwater monitoring results shall be reported in the annual report.

V. MONITORING OF ONSITE USE OF WATER

- A. If water purged from the wells and leachate removed from the site's leachate collection and removal systems were used onsite in accordance with Provision F of this Regional Board's Order No. 98-086, the discharger shall analyze constituents listed in Provision F.6 and Provision F.7 of Order No. 98-086 and submit the data in the semi-annual monitoring report.

VI. MONITORING OF TREATED AUTO SHREDDER WASTE

- A. Treated auto shredder waste (TASW) samples from Hugo Neu-Proler Company or future TASW generators shall be sampled and analyzed according to the Waste Extraction Test procedure described in Title 22, California Code of Regulations, Section 66261.126, Appendix II (Metals) and Appendix II-Table 4 (PCBs), for the following constituents:

Constituent	Unit	Analysis
STLC		
Cadmium and/or cadmium compounds	mg/L	Monthly
Chromium and/or chromium compounds	mg/L	Monthly
Copper and/or copper compounds	mg/L	Monthly
Lead and/or lead compounds	mg/L	Monthly
Mercury and/or mercury compounds	mg/L	Monthly
Nickel and/or nickel compounds	mg/L	Monthly
Zinc and/or zinc compounds	mg/L	Monthly
TTLC		
Polychlorinated biphenyls (PCBs)	mg/Kg	Monthly

- B. Shredder waste samples from each source shall also be analyzed once per month for volatile organic compounds using EPA Method 8240. A grab sample shall be randomly obtained from the sampler for this analysis and immediately sealed in an appropriate container.
- C. Composite samples of the waste stream from each shredder source shall be collected daily according to the following procedure: The waste stream will be cut every half-hour and approximately a one pound sample obtained. At the end of eight hours the sample will be coned, quartered and two samples obtained. The combined samples for one week will be mixed, coned and quartered prior to submission to the laboratory. One weekly composite shall be subjected to the monthly testing. The shredder waste producers may present an alternate procedure for compositing samples for Executive Officer approval.

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- D. The discharger shall submit copies of all analytical results of TASW deposited with the semi-annual monitoring report.

Ordered By: *Dennis A. Dickerson*
DENNIS A. DICKERSON
Executive Officer

Date: November 2, 1998