

PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT

APPENDIX E.14

INDUSTRIAL WASTEWATER DISCHARGE PERMITS



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1455 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

CHARLES W. CARRY
Chief Engineer and General Manager

July 16, 1987
File:05-00.05-00/87-10995Y

Mr. Shiv Gaur
Dept. of Public Works
1540 E. Alcazar Street
P.O. Box 4089, Terminal Annex
Los Angeles, CA 90051

Dear Mr. Gaur:

Industrial Wastewater Discharge Permit No. 10995

County Sanitation Districts
(Palos Verdes Landfill-Parcel IV)
25851 S. Hawthorne Blvd.
Rolling Hills Estates, CA 90274

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

1. Dwg. No. 5-R-9-26: Palos Verdes Landfill Parcel IV

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon any corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

If you have any questions concerning these requirements, please call Linda M. Shadler of the Sanitation Districts' Industrial Waste Section at extension 267.

Very truly yours,

Charles W. Carry

Leon S. Directo
Leon S. Directo

Supervising Civil Engineer

LSD:LMS:wh
cc: County Sanitation Districts
Attn: Bruce Rehwaldt

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

Company Name County Sanitation Districts-Palos Verdes Landfill-Parcel IV

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO. 10995

DATE OF PERMIT ISSUANCE July 16, 1987

The above named company is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. Characterization tests of the industrial wastewater must be performed at the intervals indicated on the Required Characterization Tests form and reported on the enclosed Critical Parameter Report Form. All indicated analyses should be performed by a Sanitation Districts' approved laboratory. The certification section on the back of the Critical Parameter Report Form must be completed and signed by a responsible company official. Revision of the Required Characterization Tests may be considered after initial analyses and upon written request with valid supporting information from the subject company. It is the responsibility of the subject company to report analyses of any other toxic materials shown in the Critical Parameter List, which are known to be present in the wastewater.

2. Effluent Discharge Limits

The effluent shall not exceed the following limits for all composite or grab samples:

<u>Constituents</u>	<u>Concentration Maximum</u>
Dissolved Sulfides	0.1 mg/l
Oil & Grease	10 mg/l
Volatile Total Toxic Organics (per EPA Tests 601 & 602)	1.0 mg/l
Semivolatile Total Toxic Organics (per EPA Test 625)	1.0 mg/l
Arsenic (Total)	3.0
Cadmium (Total)	0.69 mg/l
Chromium (Total)	2.77 mg/l
Copper (Total)	3.38 mg/l
Lead (Total)	0.69 mg/l
Mercury (Total)	2.0 mg/l
Nickel (Total)	3.98 mg/l

ConstituentsConcentration Maximum

Silver (Total)	0.43 mg/l
Zinc (Total)	2.61 mg/l
Cyanide (Total)	1.2 mg/l

Total Identifiable Chlorinated Hydrocarbons** Essentially None

Total Identifiable Chlorinated Hydrocarbons (TICH) Comprise:

Aldrin and Dieldrin

Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide

DDT and derivatives: p,p' and o,p' isomers of DDT, DDD, DDE

Endrin

HCH: sum of α , β , γ , δ isomers of hexachlorocyclohexane

Toxaphene

Polychlorinated biphenyls

3. The pH of the wastewater must be maintained above 6.0 at all times. If analysis indicates that the pH of the wastewater is not being maintained above 6.0, the County Sanitation Districts' Solid Waste Dept. will be required to install an automatic pH neutralization system.
4. For any company whose effluent is derived from unmetered sources, an automatic full-time total flow measurement system is required. The system must provide indication, recording, and totalizing of flow, and a contact closure generating device which can be used to activate Sanitation Districts' and other automatic samplers.

A minimum of six (6) sets of plans for the required flow monitoring system must be submitted to the Sanitation Districts for review prior to construction of the system. These drawings shall indicate relevant pipe slopes, elevations, and locations, dimensions, types and locations of instrumentation, details of flow metering elements, the estimated flow range (minimum, maximum and average), and upstream and downstream piping structures and devices which could influence flow through the meter. Manufacturer's catalogue cuts and data sheets shall be included with the construction drawings, for any manufactured equipment to be installed as part of the flow monitoring system. Complete rating data and calculations must accompany plans for any engineered flow measuring element.

For any manufactured flow metering device, such as propeller, turbine, sonic or magnetic metering devices, as well as others, manufacturer's certified calibration curves or data must be submitted which show output signal and guaranteed accuracy of the metering device for at least three known flow rates over the full expected range of flows. Where unusual flow conditions exist, or where a proposed flow monitoring installation departs from recognized published standards, engineering calculations shall be submitted to support proposed calibration data. In-place calibration may be required for some flow monitoring systems. When required, certified calibration curves or data must be submitted which show measured head or signal output for five flow rates over the design flow range. Manufacturer's certified calibration curves or data must be submitted for any

flow metering device used to determine the calibration of the proposed system. Accuracy of the flow monitoring system shall be demonstrated to be within $\pm 5\%$ of the measured flow. For some installations where the wastewater has adverse characteristics, use of certain wastewater flow metering devices may be prohibited, especially where lack of proper maintenance may cause the meter to read and record low.

All electrical equipment and wiring to be installed in a confined space in communication with the vapor space of the public sewer shall be suitable for Class I, Group D, Division I, hazardous locations as specified in Articles 500-517 of the National Electrical Code. Such electrical equipment and wiring shall be of explosion proof construction, or alternately may be certified to be intrinsically safe by a nationally recognized testing laboratory, such as Underwriters Laboratory, Inc. or Factory Mutual Engineering Corporation.

Design of flow monitoring installations shall be performed under the supervision of a California registered professional engineer competent in this field. Design and construction drawings and calculations shall be stamped with the authorized seal of the supervising professional engineer or signed over his registration number, to indicate his review and approval of the work.

5. The flow monitoring system shall incorporate a momentary contact closure pulse signal generating device which can be used to activate an automatic sampler at uniform increments of monitored discharge volume. The device must be capable of generating one to four contact closures for the volume discharged each 30 minutes at the average flow rate during the operating day of the facility. The contact closure device should not provide any power, however, the relay should be designed for a minimum 500 milliamp current at 120 volts. The closure duration should be 50 milliseconds to one (1) second. The control signals shall be fed to an MS 3102E 18-10S socket with an MS 25043-18D cap and chain or their equivalent. The socket, cap & chain are available from three manufacturers: Amphenol, Bendix or Cannon. The contact signal shall be connected to pins A and B (or 1 and 2) of the socket. The socket shall be mounted in a suitable weather-proof receptacle box and located within 10 feet of the sampling point. The industrial waste permit number and the contact closure frequency, in gallons discharged between closures, shall be indicated on a permanent label or tag adjacent to the socket.

The proposed location of the sample socket must be shown on the drawings required in Item No. 4.

6. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved Permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.

7. The existing sample tee is hereby designated as the legal sampling point for the subject company. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as valid for determining compliance with effluent discharge limits. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.
8. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.
9. The plans requested in Item Nos. 4 and 5 must be submitted to the Sanitation Districts' Industrial Waste Section within 60 days of the date of the accompanying transmittal letter.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

INDUSTRIAL WASTE SECTION

REQUIRED WASTEWATER CHARACTERIZATION TESTS

City Name County Sanitation Districts-P.V. Landfill-Parcel IV Permit No. 10995

Address of Property 25851 S. Hawthorne Blvd. Date July 16, 1987

Producing Wastewater Discharge Rolling Hills Estates, CA 90274 S.I.C.No. 4953

Frequency of Analyses Once every three months 1/ Flow 182,500 Gal/Yr

The following analyses and flow measurements shall be reported at the indicated frequency to the Sanitation Districts on the Districts' Critical Parameter Report Form (copy attached), which must be signed by an administrative officer of the company. Certain requested characterization tests may be deleted from future reports, if it can be demonstrated in writing that they exist in very minute amounts in the wastewater and are not used in any processes which generate wastewater.

Ident. Code	Test <u>3/</u>	Ident. Code	Test <u>3/</u>
A	Flow (Total) <u>2/</u>		
BXXXXX	Flow (Peak) <u>2/</u>		
C	COD		
D	SS (Suspended Solids)		
E	pH		
H	Sulfide - Dissolved		
GG	Oil & Grease		
A-1	Total Toxic Organics (EPA Test Methods 601 & 602)		

1/ Companies required to submit only annual characterization analysis data should submit it directly to the Districts on July 1; companies required to submit data every 6 months should submit data on January 1, and July 1; companies required to submit data every 3 months should submit data on January 1, April 1, July 1, and October 1. Required industrial wastewater characterization analysis data not received within 45 days of the required date will be considered delinquent and a possible cause for revocation of the Industrial Wastewater Discharge Permit.

2/ Total Flow and maximum 30-minute peak flow rate for the day when composite characterization sample is taken.

3/ It is the responsibility of the subject company to report analyses of any other toxic materials shown on the Critical Parameter Report Form, which are known to be present in the wastewater, or may occur in the wastewater as a result of a process change.

* Grab samples should be acquired with precautions taken to insure that volatile constituents

SANITATION DISTRICTS OF LOS ANGELES COUNTY

TABLE OF SURCHARGE TEST FREQUENCY

YEARLY CUMULATIVE FLOW		Required Frequency of Tests for Surcharge Parameters (Critical Parameters A, B, C, D) ^{1/} (Flow, Peak Flow, COD and Suspended Solids, respt.)
Million Gallons	Million Cubic Feet	
Less than 6.0	Less than 0.80	0 ^{2/}
6.0 to 15.0	0.80 to 2.00	1 per 6 Months
15.1 to 36.0	2.00 to 4.80	1 per 3 Months
36.1 to 250	4.80 to 33.33	1 per Month
Over 250	Over 33.33	1 per Week

NOTES:

- 1/ Companies having peak flows of 100 gallons per minute or more or total flows of 50,000 gallons per working day or more must provide a continuous automatic indicating, totalizing and recording or total industrial wastewater flows discharged.
- 2/ Companies with cumulative yearly flows less than 6.0 million gallons may determine surcharge parameters for use in the "Long Form" Surcharge Statement or may pay for discharge at the current flat rate charge per million gallons used in the "Short Form" Surcharge Statement and not test for surcharge parameters. At least two determinations of the surcharge parameters must be made to furnish data for use in the "Long Form" Surcharge Statement.



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

CHARLES W. CARRY
Chief Engineer and General Manager

December 17, 1987
File:05-00.05-00/87-11561Y

Mr. Shiv Gaur
Dept. of Public Works
1540 E. Alcazar Street
P.O. Box 4089, Terminal Annex
Los Angeles, CA 90051

Dear Mr. Gaur:

Industrial Wastewater Discharge Permit No. 11561 (Ref. # 8297 R-2)

County Sanitation Districts
of Los Angeles County
(Palos Verdes Landfill)
25704 Hawthorne Blvd.
Rolling Hills Estates, CA 90274

Enclosed are four (4) approved sets of plans and copies of the approved Industrial Wastewater Discharge Permit for the subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. The Applicant's copy of the approved plans and Industrial Wastewater Discharge Permit, along with a copy of this letter and requirement list, should be forwarded to the applicant. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records. The approved plans consist of:

1. Dwg. No. PiD-300: Piping & Instrumentation Diagram Landfill Gas
2. Dwg. No. PID-1500: Underground Plant Drains
3. Dwg. No. PID-5002A: Underground Piping Plan
4. Dwg. No. PID-5002B: Underground Piping Plan
5. Dwg. No. 8631-P-01: P&I Diagram of Make-up Demineralizer System
6. Dwg. No. 5R-g-59: Underdrain Collection Sump No. 7 Sewer Connection
7. Dwg. No. 5R-g-96: Canyon Water Extraction & Treatment System
7. Dwg. No. 5R-g-87: Chlorination System of Condensate and Leachate Waste for Sanitary Sewer Connection

Approval of the plans and permit is contingent upon continuing compliance with applicable Sanitation Districts' Ordinance requirements, upon any corrections shown in red on the drawings, and upon the items indicated on the attached requirement list.

Mr. Shiv Gaur

-2-

December 17, 1987

If you have any questions concerning these requirements, please call Linda M. Shadler of the Sanitation Districts' Industrial Waste Section at extension 2921.

Very truly yours,

Charles W. Carry

Leon S. Directo

Leon S. Directo
Supervising Civil Engineer

LSD:LMS:wh

cc: County Sanitation Districts
Attn: John P. Cosulich
Steve Maguin
John Eppich

SANITATION DISTRICTS OF LOS ANGELES COUNTY

Charles W. Carry, Chief Engineer and General Manager
1955 Workman Mill Road, P.O. Box 4998, Whittier, California 90607

INDUSTRIAL WASTEWATER DISCHARGE PERMIT

REQUIREMENT LIST

Company Name: County Sanitation Districts of Los Angeles County
(Palos Verdes Landfill)

INDUSTRIAL WASTEWATER DISCHARGE PERMIT NO: 11561

DATE OF APPROVAL: December 17, 1987

The above named company is required to comply with all indicated items on this list as a condition of the permit approval. Satisfactory evidence of compliance with these conditions should be supplied to the Sanitation Districts where requested. Satisfactory evidence will consist of a minimum of written notification signed by a responsible company official, and in some cases may involve the submission of additional drawings and data.

1. Surcharge tests of the industrial wastewater must be performed at the intervals indicated on the enclosed table of Surcharge Test Frequency and submitted annually with the wastewater treatment surcharge statement. The company is reminded that the surcharge tests requirements are independent of the tests for critical parameter reports required in Item No. 2.
2. Characterization tests of the industrial wastewater must be performed at the intervals indicated on the Required Characterization Tests form and reported on the enclosed Critical Parameter Report Form. All indicated analyses should be performed by a Sanitation Districts' approved laboratory. The certification section on the back of the Critical Parameter Report Form must be completed and signed by a responsible company official. Revision of the Required Characterization Tests may be considered after initial analyses and upon written request with valid supporting information from the subject company. It is the responsibility of the subject company to report analyses of any other toxic materials shown in the Critical Parameter List, which are known to be present in the wastewater.

3. The concentrations of pollutants in the wastewater effluent discharged from the facility shall not exceed the following limits for all composite or grab samples:

<u>Conventional Pollutants</u>	<u>Concentration Maximum</u>
Dissolved Sulfides	0.1 mg/l
<u>Heavy Metals and Cyanides</u>	
Arsenic (Total)	3 mg/l
Cadmium (Total)	0.69 mg/l
Chromium (Total)	2.77 mg/l
Copper (Total)	3.38 mg/l
Lead (Total)	0.69 mg/l
Mercury (Total)	2 mg/l
Nickel (Total)	3.98 mg/l
Silver (Total)	0.43 mg/l
Zinc (Total)	2.61 mg/l
Cyanide (Total)	1.20 mg/l
(Limits for other metals may be promulgated as needed)	

Priority Organics

Volatile Total Toxic Organics (TTO) (per EPA Test Methods 601 and 602)	1.0 mg/l
Semivolatile Total Toxic Organics (per EPA Test Method 625)	1.0 mg/l
Total Identifiable Chlorinated Hydrocarbons*	Essentially None
Oil & Grease (surrogate limit)**	10 mg/l
(Limits for other individual organics may be promulgated as needed)	

*Total Identifiable Chlorinated Hydrocarbons (TICH) comprise:
Aldrin and Dieldrin
Chlordane (cis & trans), trans-nonachlor, oxychlordane, heptachlor and heptachlor epoxide
DDT and derivatives: p,p' and o,p' isomers of DDT, DDD, DDE
Endrin
HCH: sum of $\alpha, \beta, \gamma, \delta$ isomers of hexachlorocyclohexane, Toxaphene
Polychlorinated biphenyls

** May be increased if little or no EPA 625 compounds are present.

Radioactivity

In accordance with requirements under Title 17, California Administrative Code, Section 30287.

Specifically for wastes that the identity or the concentration of any radionuclide is not known, the limiting values are as follows:

Total concentration of radioactive materials discharged, 400 pico curies per liter above natural background;

Total quantity of radioactive materials discharged, 1 curie per year

4. The pH of the wastewater must be maintained above 6.0 at all times. Proper neutralization procedures must be observed to assure that this limit is not exceeded. Batch neutralization is required for any tanks containing acidic solutions before they are discharged to the sewer, if the solution pH is less than 6.0.
5. An automatic continuous pH recording instrument must be installed to monitor the pH of the wastewater discharge stream entering the public sewer. The probe for the pH instrument must be located in the proposed flow metering manhole. The pH equipment must be regularly calibrated and maintained in good working order. At least 180 days of pH records must be filed at the discharge address and must be made available for inspection by representatives of the Sanitation Districts at any time during business hours. If pH records indicate periods of acidic or highly alkaline discharge, the applicant may be required to install a pH controlled neutralization system.
6. All wastewater discharged to the sewer must have a temperature lower than 140 F.
7. Pretreatment data must be kept in a log book for the batch treatment of wastewater resulting from the regeneration of the ion exchange columns. The log book must contain the following information and be available for inspection by representatives of the Sanitation Districts and the local sewerage agency at any time during business hours.
 1. The pH before treatment
 2. The pH after treatment
 3. The quantity of wastewater to be discharged
 4. The date and time the wastewater is discharged

Revision of the required log book entries will be considered upon written request and valid supporting information from the subject company.

8. The permittee must keep a log book for all spills that must be made available to Districts' employees during business hours. The log book must contain the following information:
 1. Date and time of the spill.
 2. Name of material that was spilled.
 3. Quantity (volume) of spill.
 4. Cause of spill.
 5. Method of disposal.
 6. Corrective action to prevent spills from reoccurring.

This log book pertains to all materials removed from spill containment areas except for rainwater.

9. Any rainwater discharge to the sanitary and industrial sewer system must be in accordance with the Districts' Policy on Rainwater, enclosed.

10. This approval for the pretreatment and flow monitoring systems is for the general concept only. The proper construction and maintenance is the responsibility of the permittee and his contractors.
11. Regular calibration and maintenance of the flow monitoring system will be required in accordance with the enclosed "Industrial Wastewater Flow Measurement Requirements."
12. The proposed flow monitoring system and pretreatment systems shall be installed and operating by February 17, 1988. The Sanitation Districts shall be given written notification upon completion of the installation. The installation shall not be considered complete until the hereinafter described calibration and report thereof are approved by the Sanitation Districts.
13. Since the new flow monitoring system will need to be calibrated after installation, a calibration report should also be prepared and submitted with the above mentioned written notification. The initial calibration must be a full flow calibration conducted in accordance with the above mentioned Districts' "Industrial Wastewater Flow Measurement Requirements" and the enclosed calibration report forms.
14. A new permit application must be submitted when there is a significant change in wastewater quantity (25% or more) or quality from that given in the approved permit information. The completed application should be submitted to the local governmental agency for initial processing prior to Sanitation Districts' review. Approval must be obtained prior to any construction of new facilities.
15. Waste haulers reports must be obtained and kept on file for a period of at least 180 days for any liquid wastes leaving the plant other than in the sewer system. These reports must be made available to representatives of the Sanitation Districts upon request.
16. The proposed flow metering manhole is hereby designated as the legal sampling point for the subject company. The permittee is responsible for maintaining and cleaning the sampling point to prevent any build-up of oil and grease, sediment or sludge; failure to do so does not invalidate sampling test results. Analytical results from samples taken from this location according to accepted sampling procedure shall be accepted as binding. Safe and convenient access to the sampling point must be provided for representatives of the Sanitation Districts.
17. The permittee is required to notify the Sanitation Districts of any change in the status of the subject facility, if ownership or operating responsibility changes, or if the industrial waste connection is legally abandoned.
18. Information requested, or satisfactory evidence of compliance, must be submitted to the Sanitation Districts within 60 days to satisfy condition number(s) 5, 12 and 13.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

INDUSTRIAL WASTE SECTION

REQUIRED WASTEWATER CHARACTERIZATION TESTS

Firm Name County Sanitation Districts of Los Angeles County Permit No. 11561

Address of Property 25704 Hawthorne Blvd. Date December 17, 1987

Producing Wastewater Rolling Hills Estates, CA 90274
 Discharge S.I.C.No. 4953, 4911

Frequency of Analyses Once every three months 1/ Flow 21 Million Gal/Yr

The following analyses and flow measurements shall be reported at the indicated frequency to the Sanitation Districts on the Districts' Critical Parameter Report Form (copy attached), which must be signed by an administrative officer of the company. Certain requested characterization tests may be deleted from future reports, if it can be demonstrated in writing that they exist in very minute amounts in the wastewater and are not used in any processes which generate wastewater.

Ident. Code	Test <u>3/</u>	Ident. Code	Test <u>3/</u>
A	Flow (Total) <u>2/</u>	S	Copper - Total
B	Flow (Peak) <u>2/</u>	U	Lead - Total
C	COD	W	Mercury - Total
D	SS (Suspended Solids)	Y	Nickel - Total
E	pH	AA	Silver - Total
H	Sulfide - Dissolved	FF	Zinc - Total
I	Cyanide	GG	Oil & Grease
M	Arsenic	A1	TT0 per EPA Test Methods 601 & 602
P	Cadmium - Total	A2	TT0 per EPA Test Method 625
Q	Chromium - Total		

1/ Companies required to submit only annual characterization analysis data should submit it directly to the Districts on July 1; companies required to submit data every 6 months should submit data on January 1, and July 1; companies required to submit data every 3 months should submit data on January 1, April 1, July 1, and October 1. Required industrial wastewater characterization analysis data not received within 45 days of the required date will be considered delinquent and a possible cause for revocation of the Industrial Wastewater Discharge Permit.

Total Flow and maximum 30-minute peak flow rate for the day when composite characterization sample is taken.

3/ It is the responsibility of the subject company to report analyses of any other toxic materials shown on the Critical Parameter Report Form, which are known to be present in the wastewater, or may occur in the wastewater as a result of a process change.

* Grab samples should be acquired with precautions taken to insure that volatile constituents are preserved.

SANITATION DISTRICTS OF LOS ANGELES COUNTY

TABLE OF SURCHARGE TEST FREQUENCY

YEARLY CUMULATIVE FLOW		Required Frequency of Tests for Surcharge Parameters (Critical Parameters A, B, C, D) <u>1/</u> (Flow, Peak Flow, COD and Suspended Solids, respt.)
Million Gallons	Million Cubic Feet	
Less than 6.0	Less than 0.80	0 <u>2/</u>
6.0 to 15.0	0.80 to 2.00	1 per 6 Months
15.1 to 36.0	2.00 to 4.80	1 per 3 Months
36.1 to 250	4.80 to 33.33	1 per Month
Over 250	Over 33.33	1 per Week

NOTES:

- 1/ Companies having peak flows of 100 gallons per minute or more or total flows of 50,000 gallons per working day or more must provide a continuous automatic indicating, totalizing and recording or total industrial wastewater flows discharged.
- 2/ Companies with cumulative yearly flows less than 6.0 million gallons may determine surcharge parameters for use in the "Long Form" Surcharge Statement or may pay for discharge at the current flat rate charge per million gallons used in the "Short Form" Surcharge Statement and not test for surcharge parameters. At least two determinations of the surcharge parameters must be made to furnish data for use in the "Long Form" Surcharge Statement.



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COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: / P. O. Box 4998, Whittier, California 90607-4998
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

CHARLES W. CARRY
Chief Engineer and General Manager

October 18, 1989
File:05-00.05-00/89-11695J

Mr. Richard Caulkins
County Sanitation Districts
of Los Angeles County
Solid Waste Management Dept.
P.O. Box 4998
Whittier, CA 90607

Dear Mr. Caulkins:

Change of Oil and Grease Limitations for
Industrial Wastewater Discharge Permit Nos. 10995, 11561 and 11695

On July 7, 1989 you requested a change of the oil and grease limit that has been applied to Industrial Wastewater Discharge Permits 10995, 11561 and 11695, which are located in Palos Verdes Landfill. This is to inform you that your request has been approved. The oil and grease limit for these permits has been raised to 75 mg/l. You are reminded that all analyses for oil and grease shall be analyzed according to EPA Method 503A. In addition, you must keep analyzing for organic compounds using EPA Methods 601, 602 and/or 625, as required on each permit.

If you have any questions, please contact Jose A. Saez of the Industrial Waste Section at extension 2924.

Very truly yours,

Charles W. Carry

Leon S. Directo
Leon S. Directo
Supervising Civil Engineer

LSD:JAS:wh
cc: Richard Lalka
Pat Freeman