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DEPARTMENT OF PUBLIC WORKS
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FAX

TO: Lloyd Beacewell
FROM: Gary Behrens
COMPANY: Beacewell Engineering
DATE: 1/20/2011
FAX NUMBER: 831-623-2526
TOTAL NO. OF PAGES INCLUDING COVER: 22
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RE:
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☐ URGENT ☑ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Lloyd,

Here is the information for the parks. We're still looking for the waste water papers.

Thanks,

G.B.

Parks
Waste Water

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

San Mateo County Memorial Park

San Mateo County

WDR NO._____

ORDER NO. 86-46

CONSISTS OF

PART A

AND

PART B

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-46

REVISING WASTE DISCHARGE REQUIREMENTS FOR:

SAN MATEO COUNTY MEMORIAL PARK
SAN MATEO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, hereinafter Board, finds that:

1. San Mateo County Memorial Park, hereinafter discharger, by application dated May 2, 1985, has applied for renewal of waste discharge requirements.

2. The discharger's extended aeration plant has a design flow of 0.03 million gallons per day (mgd) and serves two single-family residences and up to a maximum of 1250 park visitors and campers per day. Average dry weather flow is estimated at 0.024 mgd.

   The treatment plant includes a comminutor and two units, each consisting of an aeration chamber and settling basin, which are operational alternately, or in parallel; followed by a chlorinator. The roofed treatment plant is completely fenced and posted with signs. It esthetically blends with, and is obscured by, trees and bushes when viewed from the road.

   After disinfection, the treated wastewater is pumped to a 5,000 gallon holding pond and then to a designated hillside area about 1/5 mile from and above Pescadero Road and Pescadero Creek. Effluent is disposed of by spraying on the hillside area. The remote 3000 square feet spray area is relatively inaccessible to the public by reason of its topography and heavy natural growths of dense brush. Neither the pond nor the spray disposal area is fenced but they have some signs posted to warn hikers of the sewage.

3. Loma Mar Mutual Water Company withdraws water from Pescadero Creek about 500 feet downstream of San Mateo County Memorial Park.

4. The discharge is presently governed by Waste Discharge Requirements, Resolution No. 67-23, which allow discharge into the pond and spray field.

5. The Regional Board adopted a revised Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for Pescadero Creek and contiguous waters.

6. The beneficial uses of Pescadero Creek and contiguous water bodies are:

   - Water contact and non-contact recreation
   - Wildlife habitat
   - Warm fresh water habitat
   - Fish migration and spawning
   - Municipal and domestic water supply
   - Preservation of rare and endangered species

7. This Order serves as Waste Discharge Requirements, adoption of which is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.

8. The discharger and interested agencies and persons have been notified of the Board's intent to issue revised requirements for the existing discharge and have been provided with the opportunity for a public hearing and an opportunity to submit their written views and recommendations.

9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act, as amended and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

OK

1. There shall be no bypass or overflow of sewage from the collection, treatment, or disposal system to waters of the State.

2. The average dry weather flow shall not exceed 0.30 mgd. Average shall be determined over three consecutive dry weather months each year.

3. No wastewater effluent shall be applied to the effluent spray disposal area during periods of rainfall, when rainfall is anticipated, or for 48 hours after a rainfall.

4. The waste shall not be allowed to escape from the discharger's effluent disposal area into waters of the State via surface flow, resurfacing after percolation, or airborne spray.

5. No wastewater shall be applied to the effluent spray disposal area when soils are saturated to a point where effluent runoff is likely.

6. Wastewater ponding which could provide a breeding area for mosquitos is prohibited.

7. The collection, treatment and disposal of wastewater shall not impair ground water quality.

B. Specifications

1. Waste at any place within one foot of the holding pond surface shall not exceed the following limits:

In any grab sample:

Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfides	0.1 mg/l maximum
pH	6.0 minimum
	9.0 maximum

2. Waste effluent, as discharged to the effluent spray disposal area, shall meet the following quality limit at all times:

In any grab sample:

5-day BOD	40 mg/l maximum

3. A chlorine residual of at least 0.5 mg/l shall be maintained in the effluent throughout a contact period of at least 30 minutes.

4. A minimum freeboard of two feet shall be maintained in the holding pond at all times.

5. Wastewater disposal shall be limited to the area specified in Finding 2 of this Order unless written authorizaiton is obtained from the Board's Executive Officer for the use of additional area.

6. Wastewater effluent shall not be applied to the effluent disposal area whenever Specifications B.1. and/or B.2. are not being met.

7. The public shall be effectively excluded from the treatment plant, holding pond, and effluent disposal area. These areas shall be clearly identified with posted notices to the public. The method and form of notification and exclusion shall be subject to the review and approval of the Executive Officer.

8. All equipment including pumps, piping, valves, etc. which may at any time contain wastes shall be adequately and clearly identified with warning signs and the discharger shall make all necessary provisions, in addition, to inform the public that the liquid contained therein is wastewater and is unfit for human consumption.

9. The treatment plant and holding pond shall be protected from erosion, washout, and flooding from the maximum flood having a predicted frequency of once in 100 years.

10. The holding pond shall have sufficient capacity to contain all wastewater generated from the facility during the period from November 1 through March 31 during the wettest rainfall period expected once in ten years. An allowance for spray field disposal may be permitted if the discharger demonstrates it to be appropriate.

11. The disposal area shall have sufficient capacity to dispose, during the period from April 1 through October 30, of all the waste received during the wettest year in ten years.

4. In reviewing compliance with Prohibitions A.3., A.4. and A.5., the Board will take special note of the difficulties encountered in achieving compliance during entire wet seasons having more rainfall than the maximum expected once in ten years.

5. The discharger shall review and update his Operations and Maintenance Manual annually, or in the event of significant facility or process changes, shortly after such changes have occurred. Annual revisions, or letters stating that no changes are needed, shall be submitted to the Regional Board by April 15 of each year. A time schedule for completion of the initial revision shall be submitted by August 1, 1986. Documentation of operator input and review shall accompany each annual update.

6. The discharger shall comply with the self-monitoring program as adopted by the Board and as may be amended by the Executive Officer.

7. The discharger shall comply with all items of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977, except items A.9, A.10, A.16, B.2, and B.3.

8. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 67-23. Order No. 67-23 is hereby rescinded.

I, Roger B. James, 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, San Francisco Bay Region on June 18, 1986.

ROGER B. JAMES
Executive Officer

Attachments:
Standard Provision & Reporting Requirements, April 1977
Self-Monitoring Program

PART A

January 1978

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as self-monitoring program, are: (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board, (2) to facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge, (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards, and (4) to prepare water and wastewater quality inventories.

B. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analyses shall be performed according to the latest edition of Standard Methods for the Examination of Water and Wastewater prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, or other methods approved and specified by the Executive Officer of this Regional Board. (See APPENDIX E.)

Water and waste analyses shall be performed by a laboratory approved for these analyses by the State Department of Health or a laboratory approved by the Executive Officer. The director of the laboratory whose name appears on the certification shall supervise all analytical work in his laboratory and shall sign all reports of such work submitted to the Regional Board.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

DEFINITION OF TERMS

1. A composite sample is defined as a sample composed of individual grab samples mixed in proportions varying not more than plus or minus five percent from the instantaneous rate of waste flow corresponding to each grab sample collected at regular intervals not greater than one hour, or collected by the use of continuous automatic sampling devices capable of attaining the proportional accuracy stipulated above throughout the period of discharge of 24 consecutive hours, whichever is shorter.

2. A grab sample is defined as an individual sample collected in fewer than 15 minutes.

3. A depth-integrated sample is defined as a water or waste sample collected by allowing a sampling device to fill during a vertical traverse in the waste or receiving water body being sampled and shall be collected in such a manner that the collected sample will be representative of the waste or water body at that sampling point.

4. Bottom Sediment Samples and Sampling and Reporting Guidelines

   a. Bottom sediment sample means: (1) a separate grab sample taken at each sampling station for the determination of selected physical-chemical parameters, and (2) four grab samples collected from different locations in the immediate vicinity of a sampling station while anchored and analyzed separately for macroinvertebrates.

      (1) Physical-chemical sample analyses to include:

         (a) pH

         (b) TOC

         (c) Grease analysis:

            (1) Mg grease per kg sediment

            (2) Percent fraction of hydrocarbon in grease

         (d) Metals (depending on industrial input) mg/kg dry wt.

         (e) Particle size distribution, i.e., % sand, % silt-clay

         (f) Depth of water at sampling station in meters

         (g) Water salinity and temperature in the water column within 30 centimeters of the bottom

      (2) Macroinvertebrate sample and analyses to include:

         (a) Number of invertebrates per square meter and per liter of sediment.

         (b) Identification of polychaetes, amphipods, and molluscs to species and enumeration of each species.

         (c) Record total oligochaetes per square meter and per liter of sediment.

         (d) Record sediment characteristics for each grab sample, i.e., rock, % sand, % silt-clay, presence of organic detritus. etc.

b. Bottom sediment sampling and reporting guidelines means those guidelines developed by the Regional Board staff to provide for standard bottom sampling, laboratory, and reporting procedures.

5. Standard Observations

a. Receiving Water

(1) Floating and suspended materials of waste origin (to include oil, grease, algae, and other macroscopic particulate matter): presence or absence, source, and size of affected area.

(2) Discoloration and turbidity: description of color, source, and size of affected area.

(3) Odor: presence or absence, characterization, source, and distance of travel.

(4) Evidence of beneficial water use: presence of water-associated wildlife, fishermen, and other recreational activities in the vicinity of the sampling stations.

(5) Hydrographic condition:

(a) Time and height of high and low tides corrected to nearest location for the sampling date and time of sample and collection.

(b) Water and sampling depths.

(6) Weather condition:

(a) Air temperatures.

(b) Wind - direction and estimated velocity.

(c) Precipitation - total precipitation during the previous five days and on the day of observation.

b. Waste Effluent

(1) Floating and suspended material of waste origin (to include oil, grease, algae, and other macroscopic particulate matter): presence or absence.

(2) Odor: presence or absence, characterization, source, distance of travel.

c. Beach and Shoreline

(1) Material of waste origin: presence or absence, description of material, estimated size of affected area, and source.

(2) Beneficial use: estimated number of people sunbathing, swimming, waterskiing, surfing, etc.

d. Land Retention or Disposal Area

This applies both to liquid and solid wastes confined or unconfined.

(1) Determine height of the freeboard at lowest point of dikes confining liquid wastes.

(2) Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show affected area on a sketch.)

(3) Odor: presence or absence, characterization, source, and distance of travel.

(4) Estimated number of waterfowl and other water-associated birds in the disposal area and vicinity.

e. Periphery of Waste Treatment and/or Disposal Facilities

(1) Odor: presence or absence, characterization, source, and distance of travel.

(2) Weather condition: wind - direction and estimated velocity.

D. SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

The discharger is required to perform observations, sampling, and analyses according to the schedule in Part B with the following conditions:

1. Influent

a. Composite samples of influent shall be collected on varying days selected at random.

2. Effluent

a. Composite samples of effluent shall be collected on days coincident with influent composite sampling, or on varying days selected at random.

b. Grab samples of effluent shall be collected during periods of maximum peak flows, unless otherwise stipulated.

3. Receiving Waters

a. Receiving water sampling shall be done on days coincident with composite sampling of effluent.

b. Receiving water samples shall be collected at each station on each sampling day during the period of lower slack water. Where sampling at lower slack water period is not practical, sampling shall be performed during higher slack water period.

c. All samples shall be collected within one foot below the surface of the receiving water body, unless otherwise stipulated.

4. Observations

a. Land disposal sites shall be inspected for evidence of leaching or surfacing waste, and all other applicable Standard Observations.

b. Ponds shall be inspected, and available freeboard of each shall be measured and recorded; odors detected shall be noted.

E. RECORDS TO BE MAINTAINED

1. Written reports, strip charts, calibration and maintenance records, and other records shall be maintained at the waste treatment plant and 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 or Regional Administrator of the U. S. Environmental Protection Agency, Region IX. Such records shall show the following for each sample:

a. Identity of sampling and observation stations by number.

b. Date and time of sampling and/or observations.

c. Date and time that analyses are started and completed, and name of personnel performing the analyses.

d. Complete procedure used, including method of preserving sample and identity and volumes of reagents used. A reference to spedific section of Standard Methods is satisfactory.

e. Calculations of results.

f. Results of analyses and/or observations.

2. A tabulation shall be maintained showing the following flow data for influent and effluent stations and disposal areas:

   a. Total waste flow or volume for each day.

   b. Maximum and minimum flow rates for each day and the times of their occurrences.

   c. The average, maximum, and minimum daily flows for each month.

3. A tabulation relative to bypassing and accidental waste spills shall be maintained showing information items listed in Sections F-1 and F-2 for each occurrence.

4. A chronological log for each month shall be maintained of the effluent disinfection and bacterial analyses, showing the following:

   a. Date and time each sample is collected and waste flow rate at time of collection.

   b. Chlorine residual, contact time, and dosage (in kilograms per day and parts per million).

   c. Coliform count for each sample.

   d. Moving median coliform of the number of samples specified by waste discharge requirements.

F. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Spill Reports

A report shall be made of any spill of oil or other hazardous material. Spills shall be reported to this Regional Board and the U. S. Coast Guard by telephone immediately after occurrence. A written report shall be filed with the Regional Board within five (5) days and shall contain information relative to:

   a. nature of waste or pollutant,

   b. quantity involved,

   c. cause of spilling,

   d. estimated size of affected area,

   e. nature of effects (i.e., fishkill, discoloration of receiving water, etc.),

   f. corrective measures that have been taken, or planned, and a schedule of these activities, and

   g. persons notified.

2. Bypass Reports

Bypass reporting shall be an integral part of regular monitoring program reporting, and a report on bypassing of untreated waste or bypassing of any treatment unit(s) shall be made which will include cause, time, and date, duration and estimated volume of waste bypassed, method used in estimating volume, and persons notified, for planned and/or unplanned bypass.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge. In no case should any discharge of sewage-bearing wastes be permitted without at least primary treatment and chlorination.

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

(a) maintenance work, power failures, or breakdown of waste treatment equipment, or
(b) accidents caused by human error or negligence, or
(c) other causes such as acts of nature,

the discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

In addition, if the noncompliance caused by items (a), (b), or (c) above is with respect to any of the effluent limits, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day for those constituents which have been violated. Such daily analyses shall continue until such time as the effluent limits have been attained, or until such time as the Executive Officer determines to be appropriate. The results of such monitoring shall be included in the regular Self-Monitoring Report.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar month (unless specified otherwise) by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal:

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned for correcting violations, such as plant operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. Monitoring reports and the letter transmitting reports shall be signed:

(1) In the case of corporations, by a principal executive officer at 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, or

(2) In the case of a partnership, by a general partner, or

(3) In the case of a sole proprietorship, by the proprietor, or

(4) 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.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Compliance Evaluation Summary

Each report shall be accompanied by a compliance evaluation summary sheet prepared by the discharger. The report format will be prepared using the example shown in APPENDIX A. The discharger will prepare the format using those parameters and requirement limits for receiving water and effluent constituents specified in his permit.

c. Map or Aerial Photograph

A map or aerial photograph shall accompany the report showing sampling and observation station locations.

d. Results of Analyses and Observations

Tabulations of the results from each required analysis specified in Part B by date, time, type of sample, and station, signed by the laboratory director. The report format will be prepared using the examples shown in APPENDIX B.

e. Effluent Data Summary

Summary tabulations of the data to include for each constituent total number of analyses, maximum, minimum, and average values for each period. The report format will be the NPDES Discharge Monitoring Report, EPA Form 3320-1, (or the California State Water Resources Control Board "Discharger Self Monitoring Report", Form Q-2). The discharger shall fill out this form according to instructions thereon (APPENDIX C). Flow data shall be included. This form is available at the Regional Board office.

The original of EPA form 3320-1 or State Board Form Q-2 shall be mailed with the complete Self-Monitoring Report to:

Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
Attention: Surveillance Division
1111 Jackson Street
Oakland, CA 94607

A copy of EPA Form 3320-1 or State Board Form Q-2 shall be mailed to:

Regional Administrator
U. S. Environmental Protection Agency
Attention: Enforcement Division
215 Fremont Street
San Francisco, CA 94105

f. List of Approved Analyses

(1) Listing of analyses for which the discharger is approved by the State Department of Health.

(2) List of analyses performed for the discharger by another approved laboratory (and copies of reports signed by the laboratory director of that laboratory shall also be submitted as part of the report).

g. Flow Data

(1) The tabulation pursuant to Section E-2.

(2) Listing of the dates and the magnitudes of the flows which exceed 75% of the design capacity of the treatment and/or disposal facilities.

4. Annual Reporting

By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. The report shall contain both tabular and graphical summaries of the monitoring

data obtained during the previous year. In addition, the report shall contain a comprehensive discussion of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements. The report format will be prepared by the discharger using the examples shown in APPENDIX D and should be maintained and submitted with each regular self-monitoring report.

PART B

I. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

A. EFFLUENT

Station	Description
E	At a point between the sewage treatment plant and the holding pond after the plant effluent has been disinfected.
H	At a point in the holding pond within 1 foot of the surface at least 25 feet from the discharge from the treatment plant.
S	At a point in the pipe from the holding pond to the spray field or just before discharge on the spray field.
L1 thru Ln	Every 200 feet along the down slope side of the spray area.
P1 thru P4	At each corner of the sewage treatment plant.

II. SCHEDULE OF SAMPLING AND ANALYSIS

A. The schedule of sampling and analysis shall be that given as Table I.

B. Written reports shall be filed for each calendar quarter.

III. NOTIFICATION

The discharger shall promptly notify the Regional Board, San Mateo County Health Department, and Loma Mar Mutual Water Company if wastewater is found flowing off the spray disposal area in violation of the Regional Board's Waste Discharge Requirments.

I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 86-46.

2. Is effective on the date indicated below.

3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

ROGER B. JAMES
Executive Officer

Effective Date JUNE 24, 1986

Attachment:
Table I

TABLE 1
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	E		H	S	L1 thru L4	P1 thru P4						
TYPE OF SAMPLE	C-6	G	G	G	O	O						
Flow Rate (mgd)	Cont											
BOD, 5-day, 20°C or COD (mg/l & kg/day)	2W/M			2W/M								
Chlorine Residual & Dosage (mg/l & kg/day)		D										
Settleable Matter (ml/l-hr. & cu. ft./day)	2W/M											
Total Suspended Matter (mg/l & kg/day)	2W/M											
Oil and Grease (mg/l & kg/day)												
Coliform (Total or Fecal) (MPN/100 ml) per req't		2W/M				-						
Fish Tox'y 96-hr. TL % Surv'l in undiluted waste												
Ammonia Nitrogen (mg/l & kg/day)												
Nitrate Nitrogen (mg/l & kg/day)												
Nitrite Nitrogen (mg/l & kg/day)												
Total Organic Nitrogen (mg/l & kg/day)												
Total Phosphate (mg/l & kg/day)												
Turbidity (Jackson Turbidity Unit)												
pH (units)	2W/M		2W/M									
Dissolved Oxygen (mg/l and % Saturation)		2W/M	2W/M									
Temperature (°C)												
Apparent Color (color units)												
Secchi Disc (inches)												
Sulfides(if DO <5.0 mg/l) Total & Dissolved (mg/l)		2W/M	2W/M									
Arsenic (mg/l & kg/day)												
Cadmium (mg/l & kg/day)												
Chromium, Total (mg/l & kg/day)												
Copper (mg/l & kg/day)												
Cyanide (mg/l & kg/day)												
Silver (mg/l & kg/day)												
Lead (mg/l & kg/day)												

TABLE 1 (continued)

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	E	H	S	L1 thru L4	P1 thru P4						
TYPE OF SAMPLE	O	O	O	O	O						
Mercury (mg/l & kg/day)											
Nickel (mg/l & kg/day)											
Zinc mg/l & kg/day)											
Phenolic Compounds (mg/l & kg/day)											
All Applicable Standard Observations		D		1 D	D						
Bottom Sediment Analyses and Observations											
Tot. Ident. Chlori. Hydrocarbons (mg/l & kg/day)											

LEGEND FOR TABLE

TYPES OF SAMPLES

C = grab sample
C-24 = composite sample - 24-hour
C-X = composite sample - X hours (used when discharge does not continue for 24-hour period)
Cont = continuous sampling
DI = depth-intergrated sample
BS = bottom sediment sample
O = observation

TYPES OF STATIONS

I = intake and/or water supply stations
A = treatment facility influent stations
E = waste effluent stations
C = receiving water stations
P = treatment facilities perimeter stations
L = basin and/or pond levee stations
B = bottom sediment stations
G = groundwater stations

FREQUENCY OF SAMPLING

E = each occurence
H = once each hour
D = once each day
W = once each week
M = once each month
Y = once each year

2/H = twice per hour
2/W = 2 days per week
5/W = 5 days per week
2/M = 2 days per month
2/Y = once in March and once in September
Q = quarterly, once in March, June, Sept. and December

2H = every 2 hours
2D = every 2 days
2W = every 2 weeks
3M = every 3 months
Cont = continuous

2W/M - Every 2 weeks during the months of June, July, August, September and October; monthly in November through May.