

**State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

**ORDER NO. 91-101**

**WATER RECLAMATION REQUIREMENTS  
FOR  
CITY OF BURBANK  
DEPARTMENT OF PUBLIC WORKS  
(FILE NO. 83-25)**

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. City of Burbank, Public Works Department reclaims water from its Water Reclamation Plant under Order No. 86-95 (File No. 83-25) adopted by this Board on November 24, 1986.
2. City of Burbank, Public Works Department has filed a report of material change to expand use of reclaimed water.
3. City of Burbank, Public Works Department (Reclaimer) operates a Water Reclamation Plant at 2 West Chestnut Street, Burbank, California, and currently supplies reclaimed water to the California Department of Transportation. The City proposed to expand water supply to others:
  - (1) California Department of Transportation - for irrigation along the Golden State Freeway between Western Avenue and Hollywood Way on an area of about 32 acres. Estimated usage is 21.2 million gallons per year.
  - (2) Alexander Haagen Company - for the proposed Media City Mall (Burbank Gateway Center, 10 acres) landscape irrigation, bounded by Magnolia Boulevard, First Street, Burbank Boulevard, and Third Street. Estimated usage is 16.3 million gallons per year.

September 11, 1991

- (3) Burbank Unified School District - for 5 acres of landscape irrigation at Burbank High School, bounded by Third Street, Walnut Avenue, Glenoaks Boulevard, and Harvard Road. Estimated usage is 2.0 million gallons per year.
  - (4) City of Burbank, Department of Parks and Recreation - for 15 acres of landscape irrigation at McCambridge Park, bounded by Glenoaks Boulevard, Amherst Drive, Scott Road, and Andover Drive. Estimated usage is 8.5 million gallons per year.
  - (5) Burbank Unified School District - for 7 acres of landscape irrigation at Muir Junior High school, bounded by Kenneth Road, Walnut Avenue, Sixth Street, and Bethany Road. Estimated usage is 2.0 million gallons per year.
  - (6) City of Burbank, Department of Parks and Recreation - for 123 acres of landscape irrigation at De Bell Golf Course, above Sunset Canyon Drive, between Walnut avenue and Harvard Road. Estimated usage is 67.5 million gallons per year.
  - (7) City of Burbank, Department of Public Works - for 137 acres of landscape irrigation at Stough Park landfill, above Bel Aire Drive, between Walnut Avenue and Harvard Road. Estimated usage is 92.2 million gallons per year.
  - (8) City of Burbank, Department of Parks and Recreation - for 3 acres of landscape irrigation at Wildwood Canyon Park, above Harvard Road along Wildwood Canyon Drive. Estimated usage is 4.9 million gallons per year.
  - (9) City of Burbank, Public Service Department - trucking reclaimed water for irrigation of street trees, dust control at Stough Park landfill, and general construction.
4. The Water Reclamation Plant has a design capacity of 9 million gallons per day. Treatment consists of primary sedimentation, activated sludge treatment, secondary

sedimentation, filtration, chlorination, and dechlorination.

A portion of the reclaimed water is also used in the City of Burbank Power Plant as a cooling tower make-up water.

The discharge of treated wastewater from this plant to surface waters and use of reclaimed water as cooling tower make-up water are subject to a separate Order adopted by this Board.

5. The areas of reclaimed water use are located within the San Fernando Hydrologic Subunit.
6. Recent drinking water quality data in the Burbank area (supplied by MWD's Weymouth Filtration Plant) showed total dissolved solids (TDS) of 513 to 626 mg/l, sulfate of 142 to 256 mg/l, and chloride of 81 to 121 mg/l. (This high mineral concentration is partly attributed to the recent drought condition.)
7. Recent TDS, sulfate and chloride analyses for the plant's influent at the Burbank Water Reclamation Plant showed 500 to 1,100 mg/l of TDS, 86 to 247 mg/l of sulfate, and 95 to 180 mg/l of chloride. The TDS, sulfate and chloride analyses for the plant's effluent ranged from 500 to 1,100 mg/l TDS, from 106 to 310 mg/l sulfate, and from 100 to 250 mg/l chloride.
8. This Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin on June 3, 1991. The Plan contains water quality objectives for the San Fernando Valley Hydrologic Subunit. The Basin Plan objectives for TDS and chloride in the San Fernando Basin are 800 and 100 mg/l, respectively.
9. Section 13523.5 of the California Water Code states that " A regional board may not deny issuance of water reclamation requirements to a project which violates only a salinity standard in the basin plan."
10. The beneficial uses of the ground water of San Fernando Hydrologic Subunit are: municipal supply, agricultural supply, industrial service and process supply.

11. Section 13523 of the Water Code provides that a regional board after consulting with and receiving the recommendations of the State Department of Health Services, and if it determines such action to be necessary to protect the public health, safety, or welfare, shall establish requirements for uses of water which is used or proposed to be used as reclaimed wastewater. Section 13523 further provides such requirements shall conform to the statewide reclamation criteria.
12. The use of reclaimed water could affect the public health, safety, or welfare; requirements for such uses are therefore necessary in accordance with Section 13523 of the Water Code.
13. The issuance of water reclamation requirements for this landscape irrigation use involves an existing facility and as such is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21100 et seq.) in accordance with Section 15301 (b) & (h) Title 14, Chapter 3, California Administrative Code.

The Board has notified the City of Burbank, Public Works Department and interested agencies and persons of its intent to prescribe requirements for this use of reclaimed water and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public meeting heard and considered all comments pertaining to the use of reclaimed water and to the tentative water reclamation requirements.

IT IS HEREBY ORDERED that the City of Burbank, Public Works Department (Reclaimer) , shall comply with the following:

A. Reclaimed Water Limitations

1. Reclaimed water shall be limited to treated municipal wastewater only, as proposed.

2. Reclaimed water shall not exceed the following limits:

<u>Constituent</u>	<u>Units</u>	<u>Discharge Limitations</u>		
		<u>30-Day Average</u>	<u>7-Day Average</u>	<u>Daily Maximum</u>
Total dissolved solids	mg/l	-	-	900
Chloride	mg/l	-	-	150
Sulfate	mg/l	-	-	300
Boron	mg/l	-	-	1.5
BOD <sub>5</sub> 20°C	mg/l	20	30	-
Suspended solids	mg/l	15	40	-
Oil and grease	mg/l	10	-	15
Nitrate-N + Nitrite-N	mg/l	-	-	8

4. The pH of reclaimed water shall at all times be within the range of 6.0 to 9.0.
5. Reclaimed water shall not contain inorganic chemicals and organic chemicals in concentrations exceeding the maximum contaminant levels contained in the current California Drinking Water Standards (California Code of Regulations, Title 22, Chapter 15).
6. Radioactivity shall not exceed the limit specified in Title 22, Chapter 15, Article 5, Section 64441 and 64443, California Code of Regulations, or subsequent revisions.

B. Specifications for Use of Reclaimed Water

1. Reclaimed water used for the irrigation of golf courses (away from residential area), cemeteries, freeway landscapes, and landscapes in other areas where the

public has similar access or exposure shall be at all times an adequately disinfected, oxidized wastewater.

The wastewater shall be considered adequately disinfected if the median number of coliform organisms in the effluent does not exceed 23 per 100 milliliters, as determined from the bacteriological results of the last 7 days for which analyses have been completed, and the number of coliform organisms does not exceed 240 per 100 milliliters in any two consecutive samples.

Oxidized wastewater means wastewater in which the organic matter has been stabilized, is nonputrescible, and contains dissolved oxygen.

Disinfected wastewater means wastewater in which the pathogenic organisms have been destroyed by chemical, physical or biological means.

2. Reclaimed water used for the irrigation of parks, playgrounds, schoolyards, golf courses adjacent to residential areas, and other areas where the public has similar access or exposure shall be at all times an adequately disinfected, oxidized, coagulated, clarified, filtered wastewater or a wastewater treated by a sequence of unit processes that will assure an equivalent degree of treatment and reliability.

The wastewater shall be considered adequately disinfected if the median number of coliform organisms in the effluent does not exceed 2.2 per 100 milliliters, as determined from the bacteriological results of the last 7 days for which analyses have been completed, and the number of coliform organisms does not exceed 23 per 100 milliliters in any sample.

A coagulated wastewater means an oxidized wastewater in which colloidal and finely divided suspended matter have been destabilized and agglomerated by the addition of suitable floc-forming chemicals or by an equally effective method.

A filtered wastewater means an oxidized, coagulated, clarified wastewater which has been passed through natural undisturbed soils or filter media, such as sand

or diatomaceous earth, so that the turbidity as determined by an approved laboratory method does not exceed an average operating turbidity of 2 turbidity units and does not exceed 5 turbidity units more than 5 percent of the time during any 24-hour period.

3. Reclaimed water used as a source of supply in a nonrestricted recreational impoundment (an impoundment of reclaimed water in which no limitations are imposed on body-contact water sport activities) shall be at all times an adequately disinfected, oxidized, coagulated, clarified, filtered wastewater.

The wastewater shall be considered adequately disinfected if at some location in the treatment process the median number of coliform organisms in the effluent does not exceed 2.2 per 100 milliliters and the number of coliform organisms does not exceed 23 per 100 milliliters in more than one sample within any 30-day period. The median value shall be determined from the bacteriological results of the last 7 days for which analyses have been completed.

4. Reclaimed water used as a source of supply in a restricted recreational impoundment (a body of reclaimed water in which recreation is limited to fishing, boating, and other non-body-contact water recreation activities) shall be at all times an adequately disinfected, oxidized wastewater.

The wastewater shall be considered adequately disinfected if at some location in the treatment process the median number of coliform organisms in the effluent does not exceed 2.2 per 100 milliliters as determined from the bacteriological results of the last 7 days for which analyses have been completed.

5. Reclaimed water used as a source of supply in a landscape impoundment (a body of reclaimed water which is used for aesthetic enjoyment or which otherwise serves a function not intended to include public contact) shall be at all time adequately disinfected, oxidized wastewater.

The wastewater shall be considered adequately disinfected if at some location in the treatment process the median

number of coliform organisms in the effluent does not exceed 23 per 100 milliliters, as determined from the bacteriological results of the last 7 days for which analyses have been completed.

6. Reclaimed water used for soil compaction, dust control, and other construction purposes where the workers or the public have similar access or exposure shall be at all times an adequately disinfected, oxidized wastewater. The wastewater shall be considered adequately disinfected if the median number of coliform organisms in the effluent does not exceed 23 per 100 milliliters, as determined from the bacteriological results of the last 7 days for which analyses have been completed, and the number of coliform organisms does not exceed 240 per 100 milliliters in any two consecutive samples.
7. Reclaimed water shall not be directly used for uses other than those enumerated above until requirements for other uses have been established by this Board in accordance with Section 13523 of the California Water Code, unless the Board waives such requirements or finds that the above cited standards are applicable to these uses.
8. Reclaimed water uses shall meet the requirements specified in the "Guidelines for Use of Reclaimed Water" and "Guidelines for the Use of Reclaimed Water for Construction Purposes" issued by the State Department of Health Services.
9. Reclaimed water used for irrigation shall be retained on the areas of use and shall not be allowed to escape as surface flow except as provided for in a National Pollutant Discharge Elimination System Permit.

For the purpose of this requirement, however, minor amounts of irrigation return water of secondary quality or better from peripheral areas shall not be considered a violation of this Order provided the discharge meets the requirements contained in a National Pollutant Discharge Elimination System Permit issued to this facility.



10. Reclaimed water shall be applied at such a rate and volume as not to exceed vegetative demand and soil moisture conditions. Special precautions must be taken to prevent clogging of spray nozzles, to prevent overwatering and to exclude the production of runoff. Pipelines shall be maintained so as to prevent leaks.
11. Reclaimed water used for irrigation shall not be allowed to run off into recreational lakes unless it meets the criteria for such lakes.

C. General Requirements

1. The discharge or use of raw or inadequately treated sewage at any time is prohibited.
2. Reclaimed water shall not be used for irrigation during periods of rainfall and/or runoff.
3. Standby or emergency facilities and/or storage capacity or other means shall be provided so that in the event of plant upset or outage due to power failure or other cause, discharge of raw or other inadequately treated sewage does not occur or delivery of substandard reclaimed water is not made.
4. Reclaimed water shall not be sprayed in geologically unstable areas or so as to cause earth movement.
5. Adequate facilities shall be provided to protect the sewage treatment and reclamation facilities from damage by storm flows and runoff.
6. Adequate freeboard shall be maintained in reclaimed water storage pond(s) to ensure that direct rainfall will not cause overtopping.
7. Reclaimed water use or disposal shall not cause a violation of any applicable water quality standards for receiving waters adopted by this Board or the State Water Resources Control Board.
8. Neither treatment of waste nor any reclaimed water use or disposal shall cause pollution or nuisance.

9. Water reclamation and reuse or disposal shall not result in problems due to breeding of mosquitoes, gnats, midges, or other pests.

D. Provisions

1. A copy of these requirements shall be maintained at the reclamation facility so as to be available at all times to operating personnel.
2. The Reclaimer must comply with all of the terms, requirements and conditions of this Order. Any violation of this Order constitutes a violation of the California Water Code, and is grounds for enforcement action, Order termination, Order revocation, and reissuance denial of an application for reissuance, or any combination thereof.
3. This Order may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Reclaimer for a modification, revocation and reissuance, or termination, or a notification or planned changes or anticipated noncompliance does not stay any condition of this Order.
4. This Order does not convey any property rights of any sort, or any exclusive privilege.
5. The Reclaimer shall furnish within a reasonable time, any information the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the Order. The Reclaimer shall also furnish to the Regional Board, upon request, copies of records requested to be kept by this Order.
6. The Reclaimer shall take all reasonable steps to minimize or prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment.
7. In the event of any change in name, ownership, or control of these waste treatment and reclamation facilities, the Reclaimer shall notify this Board of such change and shall notify the succeeding owner or operator of the

existence of this Order by letter, copy of which shall be forwarded to the Board.

8. In accordance with Section 13522.5 of the Water Code, the Reclaimer shall file a report of any material change or proposed change in character of the reclaimed water or its uses.
9. The Reclaimer shall file with the Board technical reports on self-monitoring work performed according to the detailed specifications contained in any Monitoring and Reporting Program, as directed by the Executive Officer.
10. The Reclaimer shall notify this Board by telephone within 24 hours of any violation of reclaimed wastewater use conditions or any adverse conditions as a result of the use of reclaimed water from this facility; written confirmation shall follow within one week.
11. The Reclaimer shall notify Board staff by telephone immediately of any confirmed coliform counts that could cause a violation of the 7-day median limits, including the date(s) thereof. This information shall be confirmed in the next monitoring report; in addition, for any actual coliform limit violation that occurred, the report shall also include the reasons for the high coliform results, the steps taken to correct the problem (including dates thereof), and the steps being taken to prevent a recurrence.
12. These requirements do not exempt the Reclaimer from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this reclamation facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained on other statutes or required by other agencies.
13. The Reclaimer shall be responsible to insure that all uses of reclaimed water comply with the specifications and requirements for such use.
14. This Order does not alleviate the responsibility of the Reclaimer to obtain other necessary local, state and federal permits to construct facilities necessary for

compliance with this Order; nor does this Order prevent imposition of additional standards, requirements, or conditions by any other regulatory agency. Expansion of this facility from its current capacity shall be contingent upon issuance of all necessary permits, including a conditional use permit.

15. Supervisors and operators of publicly owned wastewater treatment plants shall possess a certificate of appropriate grade as specified in California Code of Regulations, Title 23, Chapter 3, Subchapter 14, Section 2455 and 2460.
16. The Reclaimer shall provide to each user of reclaimed water from Burbank Water Reclamation Plant a copy of these requirements, to be maintained at the user's facility so as to be available at all times to operating personnel.
17. For any extension of the reclaimed water system, the Reclaimer shall submit a report detailing the extension for the approval of the Executive Officer. Following construction, as-built drawings shall be submitted to the Executive Officer for approval prior to use of reclaimed water.
18. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the Reclaimer from liabilities under federal, state, or local laws.
19. The Regional Board and other authorized representatives shall be allowed:
  - a. Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;
  - b. Access to copy any records that are kept under the conditions of this Order;
  - c. To inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and

- d. To photograph, sample, and monitor for the purpose of assuring compliance with this Order, or as otherwise authorized by the California Water Code.
20. The Reclaimer shall submit to the Board, within 90 days of the effective date of this Order, a report demonstrating compliance with the requirements specified in Chapter 3, Division 4, Title 22, California Code of Regulations.
21. The Reclaimer shall submit to this Board, within 90 days of the effective date of this Order, a technical report on his preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The technical report should:
- (a) Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment unit outage, and failure of process equipment, tanks and pipes should be considered.
  - (b) Evaluate the effectiveness present facilities and procedures and state when they become operational.
  - (c) Describe facilities and procedures needed for effective preventive and contingency plans.
  - (d) Predict the effectiveness of the proposed facilities and procedure and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational.


This Board, after review of the technical report, may establish conditions which it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of this Order, upon notice to the Reclaimer.

22. Order 86-95 adopted by this Board on November 24, 1986 is hereby rescinded, except for purposes of enforcement.

City of Burbank  
Public Works Department

File No. 83-25

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on September 9, 1991.

  
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ROBERT P. GHIRELLI, D.Env.  
Executive Officer

STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION  
MONITORING AND REPORTING PROGRAM NO. 6753  
FOR  
CITY OF BURBANK, PUBLIC WORKS DEPARTMENT  
(File No. 83-25)

The Reclaimer shall implement this monitoring program on the effective date of this Order. All monitoring reports shall be submitted monthly, by the first day of the second month following each monthly sampling period. The first monitoring report under this program shall be submitted by January 1, 1992.

Quarterly effluent analyses shall be performed during the months of February, May, August, and November. Weekly effluent analyses shall be performed on different weekdays during each month.

By March 15 of each year, the Reclaimer shall submit an annual report to the Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Reclaimer shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with requirements.

Values obtained for the NPDES monitoring report during periods of discharge to surface waters may be reported here in lieu of duplicate testing, if representative. However, non-NPDES self-monitoring reports shall be submitted separately from the NPDES monitoring reports.

I. Reclaimed Water Monitoring

A sampling station shall be established where representative samples of reclaimed water can be obtained. Reclaimed water samples may be obtained at a single station provided that station is representative of the quality at all discharge points. Each sampling station shall be identified. The following shall constitute the reclaimed water monitoring program for reclaimed water used as described in the Water Reclamation Requirements:

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	<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
2 hr not > 5	Turbidity[1]	NTU	continuous	-----
	Total flow[2]	gallon	continuous	-----
2.2 median	Coliform group[3]	MPN/100 ml	grab	daily
6 to 9	pH	pH units	grab	daily
900	Total dissolved solids	mg/l	24-hr composite	weekly
150	Chloride	mg/l	24-hr composite	weekly
1.5	Boron	mg/l	24-hr composite	monthly
	Fluoride	mg/l	24-hr composite	monthly
300	Sulfate	mg/l	24-hr composite	weekly
20 30	BOD <sub>5</sub> 20°C	mg/l	24-hr composite	weekly
15	Oil and grease	mg/l	grab	weekly
15 10	Suspended solids	mg/l	24-hr composite	daily
	Settleable solids	mg/l	grab	daily
8	Nitrate-N + Nitrite-N	mg/l	24-hr composite	monthly
	Arsenic	mg/l	24-hr composite	quarterly
	Barium	mg/l	24-hr composite	quarterly
	Cadmium	mg/l	24-hr composite	quarterly
	Chromium	mg/l	24-hr composite	quarterly
	Lead	mg/l	24-hr composite	quarterly
	Manganese	mg/l	24-hr composite	quarterly
	Mercury	mg/l	24-hr composite	quarterly
	Nickel	mg/l	24-hr composite	quarterly
	Selenium	mg/l	24-hr composite	quarterly
	Silver	mg/l	24-hr composite	quarterly
	Cyanide	mg/l	24-hr composite	quarterly
	Zinc	mg/l	24-hr composite	quarterly
	Copper	mg/l	24-hr composite	quarterly
	Iron	mg/l	24-hr composite	quarterly
	Radioactivity	pCi/l	24-hr composite	quarterly
	Phenolic compounds (non-chlorinated)	mg/l	24-hr composite	quarterly
	Phenolic compounds (chlorinated)	mg/l	24-hr composite	quarterly
	Endrin	ug/l	24-hr composite	quarterly
	Lindane (HCH)	ug/l	24-hr composite	quarterly
	Toxaphene	ug/l	24-hr composite	quarterly
	Methoxychlor	ug/l	24-hr composite	quarterly
	2,4-D	ug/l	24-hr composite	quarterly
	2,4,5-TP (Silvex)	ug/l	24-hr composite	quarterly
	Total identifiable chlorinated hydrocarbons	ug/l	24-hr composite	quarterly
	PCBs	ug/l	24-hr composite	quarterly
	DDT	ug/l	24-hr composite	quarterly
	Priority pollutants	ug/l	grab	semi-annually



[1] Required only for applications having a turbidity limit. The average value recorded each day and amount of time that 5 NTU was exceeded each day shall be reported. Turbidity samples may be obtained anywhere in the treatment process subsequent to the filtration procedure.

[2] Shall report the daily volume of reclaimed water used at each site of use.

[3] Sample shall be obtained at some point in the treatment process at a time when wastewater flow and characteristics are most demanding on the treatment facility and disinfection procedures. The location(s) of the sampling point(s) and any changes thereto must be approved by the Executive Officer, and proposed changes shall not be made until such approval has been granted. If reclaimed water is used for irrigation of golf courses, cemeteries, freeway landscapes, parks, playgrounds, schoolyards, or other areas where public has similar access or exposure, samples shall be obtained subsequent to the chlorination procedure. Coliform values obtained must meet the strictest requirement specified for all uses during periods of multiple use, unless separate coliform analyses are obtained at each particular point of use.

## II. Reporting

1. Within 30 days of adoption of this Order, the Reclaimer shall submit to this Board a technical report concerning the location and complete description of each existing and/or proposed coliform sampling station, together with data to support the conclusion that said station is representative of the effluent discharged or representative of entire flow at that point in the treatment process.
2. The Reclaimer shall submit to the Board within three months from the date of adoption of this Order a report describing contingency plans to be implemented in the event the treated effluent does not meet reclaimed water requirements at any given time.
3. Each monitoring report shall include:
  - A. A statement that all reclaimed water was used only as specified, and for uses specified, in requirements during the quarter.
  - B. The results of the reclaimed water monitoring.

- C. Records of operational problems, plant and equipment breakdowns, and diversions to emergency storage or disposal associated with violations, or potential violations, of water reclamation or monitoring requirements.
  - D. All corrective or preventive actions taken.
4. If all or a portion of the water was not reclaimed during any month because of failure to meet requirements, the report shall so state and certify that the contingency plans, in accordance with Item II-2 of this Monitoring Program, were implemented.
  5. If no water was delivered for reuse during any month, the report shall so state.

### III. General Provisions for Sampling and Analysis

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.

All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services.

Effluent samples shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.

The Reclaimer shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.

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

A composite sample is defined as a combination of no fewer than eight individual samples obtained over the specified sampling period. The volume of each individual sample is proportional to the discharge flow rate at the time of sampling. The sampling period shall equal the discharge period, or 24 hours, whichever period is shorter.

IV. General Provisions for Reporting

For every item where the requirements are not met, the Reclaimer 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.

The Reclaimer shall maintain all sampling and analytical results, including strip charts; date, exact place, and time of sampling; 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 Board.

In reporting the monitoring data, the Reclaimer shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernable. The data shall be summarized to demonstrate compliance with Water Reclamation Requirements and, where applicable, shall include results of receiving water observations.

The Reclaimer shall file a report with this Board describing the purposes for which reclaimed water from this facility is used, estimating quantities used for each type of use, depicting on a map or drawing the area(s) of use, and stating the name and address of each user of reclaimed water if other than the Reclaimer. This report shall be updated at least annually, and shall be included with the annual report due March 15 of each year.

Each monthly report shall include a statement that all reclaimed water was used only as specified in the requirements during the month.

If no water was delivered for reuse during the month, the report shall so state.

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 discharge originates;
- b. In the case of a partnership, by a general partner;
- c. In the case of a sole proprietorship, by the proprietor;

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- d. In the case of municipal, state or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following completed declaration:

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

Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)"

Ordered by

*Robert P. Ghirelli*

ROBERT P. GHIRELLI, D.Env.

Executive Officer

Date: September 9, 1991