

California Regional Water Quality Control Board
Santa Ana Region

ORDER NO. 95-24

Waste Discharge Requirements
for
California Institution for Men
Chino
San Bernardino County

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter the Board), finds that:

1. The California Institution for Men (hereinafter, CIM or discharger) presently operates a wastewater treatment plant in accordance with waste discharge requirements, Order No. 76-33, adopted by the Board on April 9, 1976. Order No. 82-181 regulates CIM's use of reclaimed water from the treatment plant. Orders No. 76-33 and 82-181 are being consolidated into one order (Order No. 95-24) and are being updated to reflect the changes in plans, policies, and regulations of the State and Regional Boards.
2. CIM is located in the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 25, T2S, R8W, SBB&M.
3. CIM's wastewater treatment plant receives wastewater from inmate housing and from various sources within the CIM site including the CIM Hospital, CIM Culinary, Prison Industry Authority Laundry and Dairy, and Prado Conservation Camp.
4. CIM's wastewater treatment plant was designed in 1939 to provide primary and secondary activated sludge treatment through anaerobic digestion, sand drying beds and a series of storage and polishing ponds (evaporation/percolation). The plant could not meet the requirements specified in Order No. 76-33. Upgrading of the existing wastewater treatment plant was necessary to meet the requirements of Order No. 76-33.
5. To address chronic violations of Order No. 76-33, Cease and Desist Order (CDO) No. 86-197 was issued to CIM on December 12, 1986. The CDO required CIM to cease and desist from discharging wastes in violation of Order No. 76-33 and to submit a plan and time schedule for compliance with the requirements of Order No. 76-33.
6. On January 7, 1987, CIM submitted a compliance plan and time schedule for approval by the Board's Executive Officer. The compliance plan included the expansion and rehabilitation of CIM's wastewater treatment plant.
7. The expansion and rehabilitation of CIM's wastewater treatment plant was started in August 1988 and was completed on September 5, 1989. The current treatment plant has a peak design flow rate of 2 million gallons per day (mgd) and a daily average design flow rate of 0.9 mgd.

8. The wastewater treatment plant includes the following:
 - a. Manual and mechanical bar screen
 - b. Two parallel units of oxidation ditches with individual clarifiers
 - c. Two sets of 4 storage/percolation ponds in parallel connection and one storage pond connected to the plant effluent wet well. Wastewater from the storage ponds is pumped to the effluent irrigation field.
 - d. Sludge holding tanks and sludge drying beds. Supernatant liquid is pumped back to the influent to the oxidation ditches.
9. The treated effluent is discharged to percolation ponds. Treated water from the percolation ponds, approximately 320,000 gallons per day (gpd), is reclaimed for the irrigation of alfalfa, corn and permanent pasture on approximately 270 acres within CIM's property.
10. The monitoring reports for the months of February, April and May of 1995, show an average daily influent flow into the treatment plant of 604,205 gpd, a minimum flow of 360,776 gpd and a maximum flow of 975,155 gpd.
11. On October 21, 1993, the Board adopted Order No. 93-68 rescinding CDO No. 86-197.
12. A revised Water Quality Control Plan (Basin Plan) became effective on January 24, 1995. The Basin Plan contains beneficial uses and water quality objectives for waters in the Santa Ana Region.
13. The discharge overlies the Chino II Groundwater Basin, the beneficial uses of which include:
 - a. Municipal and domestic supply,
 - b. Agricultural supply,
 - c. Industrial service supply
 - d. Industrial process supply
14. The project involves the issuance of waste discharge requirements for the facility and, as such, is exempt from the California Environmental Quality Act (Public Resources Code, Section 21100 et. seq.) in accordance with Section 15301, Chapter 3, Title 14, California Code of Regulations.
15. The Regional Board has notified the discharger and other interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with the opportunity to submit their written views and recommendations.

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

IT IS HEREBY ORDERED that the California Institution for Men in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Specifications

1. The discharge of treated wastewater or the use of reclaimed water containing constituent concentrations in excess of the following limits is prohibited:

DISCHARGE SPECIFICATION	
CONSTITUENTS	MONTHLY AVERAGE CONCENTRATION (mg/l)
Biochemical Oxygen Demand	30
Suspended Solids	30
CONSTITUENTS	12-MONTH AVERAGE CONCENTRATION (mg/l)
Total Dissolved Solids	564

2. The discharge of wastes containing a 12-month average total dissolved solids concentration which exceeds the 12-month average total dissolved solids concentration in the water supply by more than 250 mg/l is prohibited.

For Discharge Specification A.1. and A.3., the lower of the two total dissolved solids limits is controlling.

3. The pH of the discharge shall be within the range of 6 and 9 pH units.

4. The discharge of wastewater (brine) with an electrical conductivity greater than or equal to 2,000 micromhos/cm in any manner where such wastewater could reach the waters of the State is prohibited.

5. The discharge shall not contain any substance in concentrations toxic to human, animal, plant, or aquatic life.

6. The discharge of wastewater to any pond with less than one foot of freeboard is prohibited.

7. The discharge of wastes to property not owned or controlled by the discharger is prohibited, unless authorized for use of reclaimed water in this order or covered under separate reclamation requirements issued by the Regional Board.
8. The bypass of untreated or partially treated wastewater to any point of use from the treatment plant or any intermediate unit processes necessary to achieve compliance with the criteria cited in Section C.1. below, is prohibited.
9. Compliance with the monthly average limits specified herein shall be determined from the flow-weighted running average of all samples taken during the specified periods.
10. Compliance with the 12-month average limit under Section A.1. shall be determined by the arithmetic mean of the last 12 monthly averages.

B. Solids/Sludge Management:

1. The discharger is encouraged to comply with the State of California guidance manual issued by the Department of Health Services entitled "Manual of Good Practice for Landspreading of Sewage Sludge".
2. The discharger shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal which has the potential of adversely affecting human health or the environment in violation of this order.

C. Water Reclamation Requirements:

1. The discharger shall be responsible for assuring that reclaimed water is delivered and utilized in conformance with this order, the reclamation criteria contained in Title 22, Division 4, Sections 60301 through 60355, California Code of Regulations, and the "Guidelines for Use of Reclaimed Water" by the California Department of Health Services.
2. The storage, delivery, or use of reclaimed water shall not individually or collectively, directly, or indirectly, result in a pollution or nuisance, or adversely affect water quality, as defined in the California Water Code. The use of reclaimed water shall be in conformance with the wastewater reclamation plan specified in the Basin Plan (Table 5-7).

3. The use of reclaimed water within 100 feet of a domestic water supply well or 50 feet of any pipeline used for conveying domestic water is prohibited.
4. There shall be no discharge of reclaimed water to any waters of the United States.
5. Irrigation with reclaimed water is prohibited where food is handled or consumed.
6. Reclaimed water shall not be used for domestic or animal water supply.
7. An on-site supervisor responsible for operation of the reclaimed water system shall be designated by the discharger. The supervisor shall be responsible for the installation, operation and maintenance of the irrigation system, enforcing this order, prevention of potential hazards, maintenance of the distribution system, and for the distribution of reclaimed water in accordance with this order.

D. Required Notices and Reports:

1. The discharger shall promptly report to the Board any proposed change in the character, location, or method of disposal.
2. Prior to delivering reclaimed water to any user and or prior to any future treatment plant modifications to increase reclaimed water capacity production, the discharger shall submit an engineering report conforming to Article 7 of the Wastewater Reclamation Requirements, Title 22, Division 4, Chapter 3, California Code of Regulations. The engineering report shall include discussions on compliance with Articles 8, 9, and 10 of the Wastewater Reclamation Requirements, Title 22, Division 4, Chapter 3, California Code of Regulations. The report shall be submitted to the Regional Board, the California Department of Health Services and the County Health Department.
3. Prior to delivering reclaimed water to any new user, the discharger shall submit to the Regional Board, the California Department of Health Services and the County Health Department the following:
 - a. a discussion on the delivery system, the intended use of the reclaimed water, the proposed volume, and location of use.
 - b. the plans to assure that no untreated or inadequately treated wastewater will be delivered to the use area.

4. The name of the on-site supervisor (see Section C.7., above) shall be submitted to the Board at least 30 days prior to connection for use of reclaimed water. The name of the designated on-site supervisor shall be furnished to the Regional Board at the following address:

Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
2010 Iowa Avenue, Suite 100
Riverside, CA 92507-2409
Telephone: (909) 782-4130

The on-site supervisor shall orally report to the Board any noncompliance with this order which may endanger human health or the environment within 24 hours from the time the on-site supervisor becomes aware of any violation or noncompliance. Within five days following the oral notification, a written report shall be submitted to the Board containing the following:

- a. a description of the noncompliance and its cause;
 - b. the period of noncompliance including exact dates and times.
 - c. The time the noncompliance was corrected and/or the expected date and time whereby compliance will be met.
 - d. steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
5. The discharger shall file with the Board by November 1, 1995, a technical report on the preventive (failsafe) and contingency (cleanup) plans for controlling accidental discharges and for minimizing the effect of such events. The technical report shall;
 - a. Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treatment outage, and failure of process equipment, tanks and pipes shall also be included in the report.
 - b. Evaluate the effectiveness of present facilities and procedures to prevent accidental discharges.
 - c. Describe facilities and procedures needed for effective preventative measures and contingency plans.

- d. Provide an implementation schedule containing interim and final dates when the preventative measures and contingency plans will be implemented, constructed, and/or operational (Reference: Section 13267 (b) and 13268, California Water Code).

E. Provisions

1. The discharger shall comply with Monitoring and Reporting Program No. 95-24.
2. The discharger shall maintain a copy of this order at the site so that it is available to site operating personnel at all times.
3. The discharger shall allow the Executive Officer, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the discharger's premises where a regulated facility or activity is located or conducted, including reclaimed water treatment or discharge facilities, sludge use and disposal activities, or facilities where records must be kept under the conditions of this order.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this order. Inspect and sample or monitor, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this order, including reclaimed water treatment, discharge, sludge use or disposal sites.
 - c. Take photographs at the facility.
4. The supervisors and operators of the wastewater treatment plant shall possess a certificate of appropriate grade in accordance with Title 23, California Code of Regulations Section 3680.
5. The discharger shall at all times properly operate and maintain all necessary facilities and systems of treatment and control including sludge use and disposal facilities (and related appurtenances) to achieve compliance with the conditions of this order.

Proper operation and maintenance also includes adequate laboratory controls, appropriate quality assurance procedures effective performance, adequate funding, adequate staffing and training and adequate process controls. This order also requires the provision and operation of necessary back up or auxiliary facilities or similar systems which are installed and operated by a discharger to achieve compliance with the conditions of this order.

6. The treatment plant including percolation ponds, sludge drying and storage areas, and appurtenant structures vital to the efficient operation of the treatment plant shall be protected from a 100-year frequency flood.
7. Neither the treatment nor the discharge of wastes shall cause a nuisance or pollution as defined in Section 13050 of the California Water Code.
8. This order does not exempt the operator of this facility from compliance with any other laws, regulations or ordinances which may be applicable; this order does not legalize the discharge of waste from the facility and they leave unaffected any further restraint on the disposal of wastes at this facility which may be contained in other statutes or required by other agencies.
9. Order No. 76-33 and Order No. 82-181 are hereby rescinded.

I, Gerard J. Thibeault, 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, Santa Ana Region, October 13, 1995.


Gerard J. Thibeault
Executive Officer

California Regional Water Quality Control Board
Santa Ana Region

Revised Monitoring and Reporting Program No. 95-24
for

California Institution for Men
Chino
San Bernardino County

A. General Monitoring Guidelines and Requirements

1. All chemical analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services for the constituent(s) being analyzed or at laboratories approved by the Executive Officer.
2. All solids sampling, sample preservation, and analyses shall be performed in accordance with the latest edition of California Code of Regulation (CCR) Title 22 Section 66700 "Waste Extraction Test".
3. The discharger shall comply with this Monitoring and Reporting Program and be in accordance with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this order, and records of all data used to complete the application for a period of at least five years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Officer at any time.
 - c. Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements.
 - (2) The individual(s) who performed the sampling or measurements.
 - (3) The date(s) the analyses were performed.
 - (4) The individual(s) who performed the analyses.
 - (5) The results of such analyses.

B. Influent Monitoring:

1. Influent monitoring is required to assess treatment plant performance.
2. Sampling stations shall be established and located upstream of any in-plant return flows and where a representative sample of the influent of the treatment facility can be obtained. The date and time of sampling (as appropriate) shall be reported with the analytical values determined.
3. The following shall constitute the influent monitoring program:

INFLUENT MONITORING			
Constituent	Units	Type of Sample	Minimum Frequency of Sampling & Analysis
Flow	gpd	flow meter	Continuous
Specific Conductance	umhos/cm	Recorder	"
pH	pH units	Recorder	Continuous
BOD	mg/l	24-hr Composite	Monthly
Suspended Solids	"	"	"
Total Dissolved Solids	"	"	Quarterly
Total Hardness	"	"	"
Boron	"	"	"
Chloride	"	"	"
Sodium	"	"	"
Sulfate	"	"	"
Nitrate	mg/l	24-hr Composite	Quarterly

C. Effluent Monitoring:

1. Effluent monitoring is required to:
 - a. Determine compliance with the permit conditions.
 - b. Identify operational problems and improve plant performance.

- c. Provide information on wastewater characteristics and flows for use in interpreting water quality and biological data.
2. A sampling station shall be located at the effluent pipe to the percolation ponds considering the following:
 - a. Sampling locations must coincide with the point(s) at which the effluent limits apply.
 - b. Sampling locations must produce a sample representative of the nature and volume of the effluent.
 - c. Sampling locations must be safe, convenient, and accessible to treatment plant personnel and to persons authorized by the Board to conduct sampling and inspection of the treatment facility.
 3. The following shall constitute the effluent monitoring program:

EFFLUENT MONITORING			
CONSTITUENT	UNITS	TYPE OF SAMPLE	MINIMUM FREQUENCY OF SAMPLING AND TESTING
Flow	gpd	Flow meter	Continuous
Specific Conductance	umhos/cm	Recorder	Continuous
pH	mg/l	"	"
Coliform	MPN/100 ml	Grab	Twice A Week
BOD	"	24-hr Composite	Weekly
Suspended Solids	"	"	"
Total Dissolved Solids	"	"	Monthly
Boron	"	"	"
Chloride	"	"	"
Sodium	"	"	"
Sulfate	"	"	"
Total Hardness	"	"	"
Nitrate	mg/l	24-hr Composite	Monthly

4. 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 shall be proportional to the discharge flow rate at the time of sampling. The composite period shall equal the specific sampling period, or 24 hours, if no period is specified.
5. Weekly samples shall be collected on the first working day each week.
6. Monthly samples shall be collected by the 10th working day of each month.
7. Quarterly samples shall be collected by the 10th working day of March, June, September, and December.
8. The freeboard in each pond shall be measured every Friday of each week and recorded in a permanent log.
9. A permanent log of all wastes hauled from the facility for final disposal elsewhere shall be maintained. This should include volume, type, and final disposal site of each waste.
10. The total quantity and date of reclaimed water usage each day shall be recorded in a permanent log.

D. Water Supply Monitoring:

1. In August of each year, a sample of each source of the water supplied to the facility site shall be obtained and analyzed for the following constituents:

Water Supply Constituents Monitoring			
Bicarbonate	Fluoride	Potassium	Total Dissolved Solids
Boron	Magnesium	Specific Conductance	Total Hardness
Calcium	Nitrate	Sodium	
Chloride	pH	Sulfate	

2. All of the above constituents shall be expressed in "mg/l" except specific conductance and pH, which shall be expressed in "micromhos/cm" and "pH units," respectively.

3. Monthly reports stating the amount of water (in percentage or acre-feet) supplied to the facility site from each water source and the resulting flow weighted water supply quality for total dissolved solids, chloride, sulfate, sodium, and total hardness shall be submitted.

E. Reporting:

1. Monitoring results shall be reported at the intervals specified in this Monitoring and Reporting Program.
2. Monitoring reports shall be submitted by the dates in the following schedule:

Report	Reporting	Report Due Date
Continuous influent and effluent constituents	Monthly	By the 30th day of the month following the monitoring period
Monthly influent/effluent constituents	"	"
Water Supply Quality	Monthly	"
Quarterly influent/effluent constituents	Quarterly	"
Annual Water Supply Parameters from each source	Annually	January 30, each year
Annual Monitoring Report	"	January 30, each year

3. The discharger shall tabulate the monitoring data to clearly illustrate compliance and/or noncompliance with the requirements of this order.
4. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with the requirements at the earliest time and submit a timetable for correction.
5. The monthly report shall include the following:
 - a. A copy of weekly freeboard log for the pond;

- b. A copy of the reclaimed wastewater use log;
 - c. Amount of sludge and other solids (from the sewage treatment facility) hauled away and disposed of offsite, including the destination.
 - d. The reports for June and December shall include a roster of plant personnel, including job titles, duties, and level of state certification for each individual.
6. The annual report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements. The annual report shall also include a summary of the quantities of all chemicals listed by both trade and chemical names which are used by the discharger during its operation (e.g. chemicals used for cooling and/or boiler water treatment) and which are discharged into the treatment plant.
 7. The discharger shall report any discharge of waste that may endanger public health or the environment. Such information shall be provided to the Executive Officer by telephone (909-782-4130) and the Office of Emergency Services (1-800-852-7550), if appropriate, as soon as the discharger becomes aware of the circumstances. A written report shall be submitted within 5 days. The written report shall include the following:
 - a. the period of noncompliance, including exact dates and times and, if the noncompliance has not been corrected, the anticipated time it is expected to continue, and
 - b. a description of the noncompliance and its cause,
 - c. steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.
 8. The discharger shall file a written report with the Board within ninety (90) days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy making body is adequately informed about it. The report shall include:
 - a. Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak

flow, and the total flow for the day.

- b. The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of the treatment plant.
 - c. The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for this waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference : Section 13260, 13267(b), and 13268. California Water Code.)
9. All reports shall be signed by a responsible officer or duly authorized representative of the discharger and shall be submitted under penalty of perjury.

Ordered by _____

K. J. Thibeault
for Gerard J. Thibeault
Executive Officer

November 25, 1997

California Regional Water Quality Control Board
Santa Ana Region

October 13, 1995

ITEM: 12

SUBJECT: Waste Discharge and Producer/User Reclamation Requirements for the California Institution for Men, Wastewater Treatment Facility, Chino, San Bernardino County, Order No. 95-24.

DISCUSSION:

The California Institution for Men (CIM) operates a wastewater treatment plant in Chino, San Bernardino County. The effluent from the sewage treatment plant is discharged to storage and percolation ponds. The discharge is regulated by Waste Discharge Requirements Order No. 76-33. Water from the ponds is used to irrigate approximately 300 acres of CIM's property planted with fodder crops. Water reclamation at the facility is currently regulated under Order No. 82-181.

CIM's wastewater treatment plant experienced numerous operational problems for a number of years. The problems included inadequate treatment capacity, high mineral and ammonium levels in the discharge, inadequate wet weather storage, inoperable digesters and pumps, as well as frequent equipment failures.

On December 12, 1986, the Regional Board adopted Cease and Desist Order No. 86-197 to address chronic violations of Order No. 76-33. The Cease and Desist Order required the discharger to take appropriate actions to achieve compliance.

The construction project to upgrade and improve the discharger's wastewater treatment plant started in August 1988 and was completed on September 5, 1989. The project consisted of an oxidation ditch wastewater treatment plant including new headwork, two oxidation ditches, two boat-type clarifiers, sludge and effluent pumping stations, six new sludge drying beds, a new effluent storage pond and a new plant effluent irrigation pump station. The current treatment plant has a peak design flow rate of 2 million gallons per day (mgd) and a daily average design flow rate of 0.9 mgd.

On October 21, 1993, Cease and Desist Order No. 86-197 was rescinded by Order No. 93-68.

The percolation ponds and areas of reclaimed water use overlie the Chino II Groundwater Subbasin. The groundwater is beneficially used for; municipal and domestic supply, agricultural supply, industrial service supply, and industrial process supply.

RBSA_35418

The proposed limitations for suspended solids, biochemical oxygen demand, and total dissolved solids (TDS) are at levels that are technologically and economically achievable and are consistent with the Basin Plan. The discharger is also required to meet the Title 22 (California Code of Regulation) requirements for the use of reclaimed water for irrigation.

The total dissolved solids (TDS) limit is the 95 percentile value for TDS of effluent treated wastewater calculated from available effluent TDS wastewater quality monitoring data from February 1992 to May 1995.

The facility location is shown in Attachment "A".

The flow diagram of waste treatment is shown in Attachment "B".

The sources and potential pollutants are listed in Attachment "C".

RECOMMENDATION:

Adopt Order No. 95-24 as presented.

Comments were solicited from the following agencies and /or persons:

State Water Resources Control Board, Office of the Chief Counsel
- Ted Cobb

State Water Resources Control Board, Division of Water Quality
- John Youngerman

State Department of Health Services, Division of Drinking Water,
San Bernardino - Jaswinder Dhaliwal

State Department of General Services, Office of Project Development
and Management, Sacramento - Gordon S. Hill

State Department of Corrections, Planning and Construction
Division, Sacramento - Dennis Wehsels

San Bernardino County Department of Environmental Health Services
- Pam Bennet

City of Chino - City Manager

Chino Basin Municipal Water District - Robert G. Westdyke

Santa Ana Watershed Project Authority - Dick Smith

Boyle Engineering Corporation - Christopher J. Martin

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**SANTA ANA REGION**

3737 MAIN STREET, SUITE 500

RIVERSIDE, CA 92501-3339

PHONE: (909) 782-4130

FAX: (909) 781-6288



November 25, 1997

Mr. Larry Witek, Warden
California Institution for Men
P. O. Box 128
Chino, CA 91708-0128

REVISED MONITORING AND REPORTING PROGRAM (M&RP) NO. 95-24 FOR THE CALIFORNIA INSTITUTION FOR MEN (CIM), CHINO, SAN BERNARDINO COUNTY

Dear Mr. Witek:

We have revised Monitoring and Reporting Program (M&RP) No. 95-24 monitoring discharges from CIM's wastewater treatment plant. This revision was prompted by recent discussions between Regional Board staff and CIM and Department of Corrections' Prison Industries Authority staff regarding expansion of the use of reclaimed wastewater for irrigation and for other on-site purposes. A plan to install chlorination facilities was also discussed.

CIM's wastewater treatment facility currently produces secondary treated effluent, some of which is being disinfected. State regulations concerning the use of reclaimed wastewater, contained in California Code of Regulations Title 22, Division 4, Chapter 3, "Reclamation Criteria," require that reclaimed water used for irrigation of areas where the public has access shall be adequately oxidized and disinfected (Section 60313). At the present time, CIM produces an oxidized effluent, and is using temporary disinfection facilities.

To assure that the reclaimed wastewater proposed for use is adequately disinfected, the revised M&RP calls for effluent sampling and analysis of coliform twice a week. The changes are shown on page 3 of 7. If you have any questions regarding the above, please contact Mark Adelson at (909) 782-3234 or Tom Mbeke-Ekanem at (909) 320-2007.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gerard J. Thibeault".

for Gerard J. Thibeault
Executive Officer

Enclosure: Revised Monitoring and Reporting Program No. 95-24

TME/cim9524.rev/1