

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

July 16, 2009

CERTIFIED MAIL 7004-2510-0006-9180-4254
Return Receipt Requested

Warden John Marshall
California Men's Colony
California Department of Corrections and Rehabilitation
P.O. Box 8101
San Luis Obispo, CA 93409-8101

RE: Findings of Violation and Order for Compliance under sections 308(a) and 309(a) of the Clean Water Act, EPA Docket No. CWA 309(a)-09-028


Dear Warden Marshall:

Based on information collected by the U.S. Environmental Protection Agency, Region IX ("EPA"), we have determined that the California Department of Corrections and Rehabilitation has discharged pollutants to waters of the United States in violation of section 301(a) of the Clean Water Act. The violations include exceedances of permitted effluent limitations from the California Men's Colony Wastewater Treatment Plant.

EPA issues the enclosed Findings of Violation and Order for Compliance pursuant to sections 308(a) and 309(a) of the Clean Water Act, and has coordinated with the Regional Water Quality Control Board, Central Coast Region in its issuance. The Order specifies the nature of the violations and requires the California Department of Corrections and Rehabilitation to develop plans and take steps to return to compliance with the Clean Water Act.

I invite you to work with EPA and the Regional Board to resolve this matter. If you have any questions, please contact Ken Greenberg at (415) 972-3577.

Sincerely,


Alexis Strauss
Director, Water Division

Enclosure

cc: Roger W. Briggs, Executive Officer, Central Coast RWQCB
Dorothy Rice, Executive Director, SWRCB

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX

IN THE MATTER OF:) Docket No. CWA 309(a)-09-028
)
California Department of Corrections and) **FINDINGS OF VIOLATION**
Rehabilitation, California Men's Colony) **AND**
Wastewater Treatment Plant) **ORDER FOR COMPLIANCE**
)
) Proceeding under Sections 308(a) and 309(a) of
) the Clean Water Act, 33 U.S.C. §§ 1318 and
) 1319(a)

STATUTORY AUTHORITY

The following Findings of Violation are made and Order for Compliance issued pursuant to the authority vested in the Administrator of the United States Environmental Protection Agency ("EPA") under Sections 308(a) and 309(a) of the Clean Water Act ("Act"), as amended, 33 U.S.C. §§ 1318(a) and 1319(a). The Administrator has delegated these authorities to the Regional Administrator of EPA, Region IX, who has in turn delegated them to the Director of the Water Division of EPA, Region IX. Notice of this action has been given to the State of California Regional Water Quality Control Board, Central Coast Region ("Regional Board").

FINDINGS OF VIOLATION

On the basis of the following facts, the Director of the Water Division of EPA, Region IX, finds that the California Department of Corrections and Rehabilitation is in violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).

1. Section 301(a) of the Act, 33 U.S.C. § 1311(a), prohibits the discharge of pollutants into navigable waters of the United States except in compliance with various sections of the Act, including Section 402 of the Act, 33 U.S.C. § 1342.
2. Section 402 of the Act establishes the National Pollutant Discharge Elimination System (NPDES). Pursuant to Section 402 of the Act, the State of California, through its various Regional Water Quality Control Boards, may issue NPDES permits for the discharge of pollutants into navigable waters located within the State of California.
3. A point source means any discernable, confined and discrete conveyance, including but not limited to any pipe or other conduit, from which pollutants are or may be discharged. 33 U.S.C. § 1362(14). Navigable waters means the “waters of the United States,” which include waters used in interstate commerce, including tidal waters and their tributaries. 33 U.S.C. § 1362(7); 40 C.F.R. §§ 122.3, 230.3(s).
4. The California Department of Corrections and Rehabilitation (CDCR) is a person in the context of Section 502(5) of the Act. 33 U.S.C. §§ 1362(4), 1362(5).
5. CDCR owns and operates a trunk sewer line and a domestic wastewater treatment plant known as the California Men’s Colony Wastewater Treatment Plant (WWTP). The WWTP is located on Highway 1, north of San Luis Obispo, California. The WWTP is a publicly-owned treatment works (POTW) as defined in Section 212 of the Act and 40 C.F.R. § 125.58(u).
6. CDCR conveys and treats domestic wastewater from the east and west facilities of the California Men’s Colony, a correctional institution. CDCR also treats wastewater from the California Army National Guard’s Camp San Luis Obispo, Cuesta College, and several San Luis Obispo County facilities.
7. CDCR’s WWTP discharges to Chorro Creek, which is a “navigable water” as defined by Section 502(7) of the CWA, 33 U.S.C. § 1362(7), and a “water of the United States” as defined by EPA regulations in 40 C.F.R. § 122.2.
8. On February 2, 2001, the California Regional Water Quality Control Board, Central Coast Region, adopted Order No. 01-001, NPDES Permit No. CA0047856 (2001 Permit). The 2001 Permit served as an NPDES permit issued to CDCR and authorized discharges in accordance with the conditions set forth in the 2001 Permit.
9. Section B of the 2001 Permit establishes certain limitations on the quality and quantity of effluent discharged by CDCR’s WWTP. The relevant effluent limitations are included in Attachment A of this Order.
10. On July 7, 2006, the California Regional Water Quality Control Board, Central Coast Region, adopted Order No. R3-2006-0032, NPDES Permit No. CA0047856 (2006 Permit). The 2006 Permit replaced the 2001 Permit and serves as an NPDES permit for point source discharges from this facility to surface waters.

11. Section III.E of the 2006 Permit prohibits discharges that cause or contribute to adverse impacts to beneficial uses of water or to threatened or endangered species and their habitat.
12. Section IV of the 2006 Permit establishes certain limitations on the quality and quantity of effluent discharged by CDCR's WWTP. The relevant effluent limitations are included in Attachment A of this Order.
13. Section VI.C.7 of the 2006 Permit requires CDCR to adhere to a "schedule for compliance with final effluent limitations for the trihalomethanes." The schedule includes completion dates for various interim requirements, including design and construction of WWTP improvements necessary to comply with trihalomethane effluent limitations.
14. Based on its review of CDCR discharge monitoring data, EPA finds that the CDCR WWTP has violated on numerous occasions certain effluent limitations established in the 2001 Permit and 2006 Permit. A list of violations since April 1, 2004 is included in Attachment A of this Order.
15. The Regional Board issued several penalty orders against CDCR for violations since April 1, 2004 at the WWTP, including:
 - a. On December 2, 2005, the Regional Board adopted Mandatory Minimum Penalty Order R3-2005-0122 for 11 violations of effluent limitations for dissolved oxygen, pH, and dry weather flow rate that occurred between April 1, 2004 and June 30, 2005.
 - b. On September 19, 2006, the Regional Board adopted Mandatory Minimum Penalty Order R3-2006-0062 for 11 violations of effluent limitations for chlorine residual, dissolved oxygen, and dry weather flow rate that occurred between July 1, 2005 and June 30, 2006.
 - c. On February 5, 2009, the Regional Board adopted Administrative Civil Liability Orders R3-2009-0027 and R3-2009-0028 for 62 violations of effluent limitations, including chlorine residual, chlorodibromomethane, copper, dichlorobromomethane, dissolved oxygen, pH, sulfate, and total coliform, from July 1, 2006 to August 31, 2008.
16. On August 21, 2008, CDCR notified the Regional Board regarding an exceedance of the effluent limitation for chlorine residual that "apparently caused a downstream fish kill." ACL Order R3-2009-0027, p. 5. EPA finds that the August 21, 2008 discharge violates a discharge prohibition in Section III.E of the 2006 Permit.
17. On May 31, 2007, CDCR completed major modifications and upgrades at the WWTP to optimize treatment quality and minimize effluent violations. As of March 2009, however, CDCR has not complied consistently with the interim limits for chlorodibromomethane and dichlorobromomethane and has not adhered to the

schedule for compliance for chlorodibromomethane and dichlorobromomethane, as specified in Section VI.C.7 of the 2006 Permit. CDCR has evaluated potential modifications and alternatives to comply with final effluent limitations, but CDCR has not sent a request for proposals or achieved subsequent milestones required in Section VI.C.7 of the 2006 Permit. Based on this information, EPA finds that CDCR is in violation of Section VI.C.7 of the 2006 Permit.

Considering the foregoing Findings and the potential environmental and human health effects of the violations, EPA has determined that compliance in accordance with the following requirements is reasonable. Pursuant to the authority of Sections 308(a) and 309(a) of the Act, it is hereby ORDERED:

ORDER

The California Department of Corrections and Rehabilitation shall implement the following requirements to achieve continuous compliance with effluent limitations established in the 2006 Permit. CDCR shall operate and maintain its WWTP as required by the 2006 Permit and shall immediately implement improvements that are consistent with the requirements below.

I. COMPLIANCE WITH EFFLUENT LIMITATIONS: Immediately upon receipt of this Order, CDCR shall take the following actions:

- A. Beginning immediately, CDCR shall prevent further violations of all final and interim effluent limitations specified in Section IV of the 2006 Permit.
- B. By August 31, 2009, CDCR shall submit a report explaining the reasons for each effluent limitation violation cited in Paragraph 14 above. The report shall describe measures taken to address the violations and estimate the cost to implement such measures.

II. TRIHALOMETHANES

- A. By August 31, 2009, CDCR shall submit a report documenting actions it has taken to fulfill the 2006 Permit requirements to study and address trihalomethanes. The report shall summarize the findings of the Trihalomethane Study required by Section VI.C.6 of the 2006 Permit. The report may include a copy of the Trihalomethane Study and any updates to the Study, as appropriate. In addition, the report shall describe actions CDCR has taken to fulfill the schedule for compliance with final effluent limitations for chlorodibromomethane and dichlorobromomethane required by Section IV.C.7 of the 2006 Permit.
- B. By October 31, 2009, CDCR shall submit a plan to implement actions necessary to achieve compliance with effluent limitations for chlorodibromomethane and dichlorobromomethane. The plan shall include specific

actions to achieve immediate compliance with interim effluent limitations for chlorodibromomethane and dichlorobromomethane specified in Section IV.A.2 of the 2006 Permit. The plan also shall include actions that CDCR will take, in accordance with the schedule set forth below, to comply with final effluent limitations for chlorodibromomethane and dichlorobromomethane in Section IV.A.1 of the 2006 Permit.

Requirement	Due Date
Complete design	September 19, 2009
Complete construction	August 19, 2011
Comply with final effluent limitations for chlorodibromomethane & dichlorobromomethane	September 19, 2011

III. CHLORINE RESIDUAL

By August 31, 2009, CDCR shall submit a plan and schedule to implement additional measures necessary to comply with the effluent limitations for chlorine residual in the 2006 Permit. By October 31, 2009, CDCR shall achieve continuous compliance with the effluent limitations for chlorine residual specified in the 2006 Permit.

IV. QUARTERLY PROGRESS REPORTS

Beginning January 15, 2010, and fifteen days following the end of the calendar quarter (January 15, April 15, July 15, October 15) of each year in which activities are conducted pursuant to this Order, CDCR shall submit a written progress report detailing the implementation of the requirements of this Order during the preceding quarter. The reports shall evaluate the effectiveness of the improvement programs, and detail any additional plans to further improve the WWTP. The reports also shall contain a record of effluent limit violations during the preceding quarter, explanations for any effluent limit violations, and actions taken to address the violations. The report submitted on January 15, 2010 shall address effluent limit violations from April 1, 2009 through December 31, 2009.

V. INFORMATION SUBMITTAL

A. All submittals made pursuant to this Order shall be mailed to the following addresses:

Fatima Ty
 U.S. Environmental Protection Agency
 Clean Water Act Compliance Office (WTR-7)
 Water Division
 75 Hawthorne Street
 San Francisco, CA 94105

David LaCaro
California Regional Water Quality Control Board
Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

B. All reports submitted pursuant to this Order shall be signed by a principal executive officer, ranking elected official or duly authorized representative of the agency [as specified by 40 C.F.R. § 122.22(b)(2)] and shall include the following statement:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

C. The information requested herein must be provided notwithstanding its possible characterization as confidential business information or trade secrets. EPA has promulgated regulations to protect the confidentiality of the business information it receives. These regulations are set forth in part 2, subpart B of Title 40 of the Code of Federal Regulations. A claim of business confidentiality may be asserted in the manner specified by 40 C.F.R. § 2.203(b) for part or all of the information requested. EPA will disclose business information covered by such a claim only as authorized under 40 C.F.R. part 2, subpart B. If no such claim accompanies the business information at the time EPA receives it, EPA may make it available to the public without further notice.

VI. GENERAL PROVISIONS

A. This Order is not a permit under the Act, and does not relieve the California Department of Corrections and Rehabilitation of any obligations imposed by the Act or any other law, regulation or permit.

B. All requirements to submit information to EPA set forth in this Order are not subject to review by the Office of Management and Budget (“OMB”) under the Paperwork Reduction Act because they are not “information collection requests” within the meaning of 44 U.S.C. §§ 3502(3), 3507, 3512, and 3518(c)(1). See also, 5 C.F.R. §§ 1320.3(c), 1320.4, and 1320.6(a). Furthermore, they are exempt from OMB review under the Paperwork Reduction Act because they are directed to

fewer than ten persons and are an exempt investigation. 44 U.S.C. §§ 3502(4), (11), and 3518(c)(1); 5 C.F.R. §§ 1320.4 and 1320.6(a).

C. Issuance of an Order for Compliance shall not be deemed an election by EPA to forego any administrative, civil, or criminal action to seek penalties, fines, or other appropriate relief under the Act or any other statutes.

D. Failure to comply with this Order could subject CDCR to civil action for appropriate relief, including judicial penalties under Section 309(d) of the Act. 33 U.S.C. § 1319(d). Failure to submit information required under Section 308 of the Act (including information required under this Order), or to comply with the NPDES permit or other Act provisions, could subject CDCR to actions under Section 309(a) (for administrative compliance orders), Section 309(b) (for judicial injunctive relief), Section 309(d) (for civil judicial penalties), and/or Section 309(g) (for administrative penalties). 33 U.S.C. § 1319(b), (d) and (g). In addition, Section 309(c) of the Act provides criminal sanctions for negligent or knowing violations of the Act, and for knowingly making false statements. 33 U.S.C. § 1319(c).

E. If any event occurs that may cause a failure to timely carry out any requirement of this Order, CDCR shall notify EPA in writing within twenty-one (21) calendar days of the time it becomes aware of the effect the event may have on compliance. The notice shall describe in detail the precise cause of the failure and measures taken to prevent or minimize the failure. CDCR shall implement reasonable measures to avoid or minimize any such failure.

F. This Order remains in effect until terminated by the Director of the Water Division, EPA, Region IX. CDCR may petition the Director to terminate the Order based on its progress toward reducing and eliminating violations and certification by CDCR that it has completed each requirement of this Order and has in place programs and financial plans to assure the continued improvement of the WWTP.

Dated this 16th day of July, 2009



Alexis Strauss
Director, Water Division
U.S. Environmental Protection Agency, Region IX

Effluent Limit Violations ^a
(April 1, 2004 - March 31, 2009)

Violation Date	Constituent	Permitted Limit	Reported Value
4/30/2004	Dissolved Oxygen	Greater than 2.0 mg/L	1.6 mg/L
8/26/2004	Dissolved Oxygen	Greater than 2.0 mg/L	0.3 mg/L
8/26/2004	pH	6.5 – 8.3 s.u.	6.3 s.u.
2/23/2005	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
Apr-05	Dry Weather Flow Rate	1.2 MGD	1.90 MGD
May-05	Dry Weather Flow Rate	1.2 MGD	1.907 MGD
5/10/2005	Dissolved Oxygen	Greater than 2.0 mg/L	1.6 mg/L
5/19/2005	Dissolved Oxygen	Greater than 2.0 mg/L	0.7 mg/L
5/21/2005	pH	6.5 – 8.3 s.u.	6.4 s.u.
Jun-05	Dry Weather Flow Rate	1.2 MGD	1.991 MGD
6/24/2005	Dissolved Oxygen	Greater than 2.0 mg/L	0.23 mg/L
Jul-05	Dry Weather Flow Rate	1.2 MGD	1.90 MGD
9/16/2005	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
10/31/2005	Dissolved Oxygen	Greater than 2.0 mg/L	1.4 mg/L
11/19/2005	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
1/5/2006	Chlorine Residual	Instantaneous Maximum 0.1 mg/L	0.4 mg/L
1/23/2006	Dissolved Oxygen	Greater than 2.0 mg/L	1.8 mg/L
3/5/2006	Chlorine Residual	Instantaneous Maximum 0.1 mg/L	0.47 mg/L
3/7/2006	Chlorine Residual	Instantaneous Maximum 0.1 mg/L	0.2 mg/L
3/24/2006	Chlorine Residual	Instantaneous Maximum 0.1 mg/L	0.41 mg/L
4/3/2006	Chlorine Residual	Instantaneous Maximum 0.1 mg/L	3.46 mg/L
Jun-06	Dry Weather Flow Rate	1.2 MGD	1.248 MGD
8/20/2006	Total Coliform	^b	4 MPN
8/21/2006	Total Coliform	^b	4 MPN
8/22/2006	Total Coliform	^b	7 MPN
8/23/2006	Total Coliform	^b	4 MPN
8/24/2006	Total Coliform	^b	4 MPN
8/25/2006	Total Coliform	^b	4 MPN
8/26/2006	Total Coliform	^b	4 MPN
8/28/2006	Total Coliform	^b	4 MPN
8/29/2006	Total Coliform	^b	4 MPN
1/16/2007	Sulfate	125 mg/L	510 mg/L
2/15/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	>2.2 mg/L
3/20/2007	Total Coliform	^b	500 MPN
3/21/07-8/29/07	- plant upgrade period -		
8/30/2007	Total Coliform	^b	17 MPN
8/31/2007	Total Coliform	^b	17 MPN
9/4/2007	Total Coliform	^b	920 MPN
9/7/2007	Total Coliform	^b	46 MPN
9/10/2007	Total Coliform	^b	540 MPN
9/13/2007	Total Coliform	^b	110 MPN
9/14/2007	Total Coliform	^b	110 MPN
9/16/2007	pH	6.5 – 8.3 s.u.	6.3 s.u.
9/16/2007	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
10/1/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	2.54 mg/L
10/2/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.61 mg/L

Effluent Limit Violations ^a
(April 1, 2004 - March 31, 2009)

Violation Date	Constituent	Permitted Limit	Reported Value
10/3/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.32 mg/L
10/7/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.52 mg/L
10/16/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	2.92 mg/L
10/23/2007	Chlorodibromomethane	3.5 ug/L	8.3 ug/L
10/23/2007	Dichlorobromomethane	13 ug/L	16 ug/L
10/24/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	1.93 mg/L
10/25/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.52 mg/L
10/26/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	1.02 mg/L
10/28/2007	Dissolved Oxygen	Greater than 2.0 mg/L	1.2 mg/L
11/4/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	10.74 mg/L
11/4/2007	Dissolved Oxygen	Greater than 2.0 mg/L	0.5 mg/L
11/14/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	20.03 mg/L
11/17/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	20.03 mg/L
12/7/2007	Chlorine Residual, Total	Less than 0.1 mg/L ^c	2.03 mg/L
12/12/2007	Copper	12 ug/L	17 ug/L
12/31/2007	Total Coliform	^b	8 MPN
1/8/2008	Copper	12 ug/L	13 ug/L
1/8/2008	Chlorodibromomethane	3.5 ug/L	4.1 ug/L
1/8/2008	Dichlorobromomethane	13 ug/L	16 ug/L
2/7/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	1.60 mg/L
2/8/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.45 mg/L
2/17/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	1.13 mg/L
4/8/2008	Chlorodibromomethane	3.5 ug/L	6.3 ug/L
4/8/2008	Dichlorobromomethane	13 ug/L	19 ug/L
5/16/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.8 mg/L
5/19/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	1.6 mg/L
6/2/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
6/16/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.52 mg/L
6/17/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	2.0 mg/L
6/24/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
6/24/2008	Total Coliform	^b	900 MPN
7/7/2008	Dissolved Oxygen	Greater than 2.0 mg/L	1.5 mg/L
7/8/2008	Dissolved Oxygen	Greater than 2.0 mg/L	1.7 mg/L
7/8/2008	Chlorodibromomethane	3.5 ug/L	6.1 ug/L
7/8/2008	Dichlorobromomethane	13 ug/L	18 ug/L
7/8/2008	Sulfate	125 mg/L	180 mg/L
7/22/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
8/21/2008	Chlorine Residual, Total	Less than 0.1 mg/L ^c	4.2 mg/L
8/21/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L
9/30/2008	Settleable Solids	0.1 mL/L	>0.1 mL/L
9/30/2008	Dibromochloromethane	3.5 ug/L	6.1 ug/L
9/30/2008	Dichlorobromomethane	13 ug/L	18 ug/L
9/30/2008	Sulfate	125 mg/L	180 mg/L
10/31/2008	Dissolved Oxygen	Greater than 2.0 mg/L	0.2 mg/L

Effluent Limit Violations ^a
(April 1, 2004 - March 31, 2009)

Violation Date	Constituent	Permitted Limit	Reported Value
12/31/2008	Copper	12 ug/L	>0.01 ug/L
12/31/2008	Dibromochloromethane	3.5 ug/L	13 ug/L
12/31/2008	Dichlorobromomethane	13 ug/L	25 ug/L
1/31/2009	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.94 mg/L
2/28/2009	Chlorine Residual, Total	Less than 0.1 mg/L ^c	>2 mg/L
3/31/2009	Chlorine Residual, Total	Less than 0.1 mg/L ^c	0.75 mg/L
3/31/2009	Dibromochloromethane	3.5 ug/L	10 ug/L
3/31/2009	Dichlorobromomethane	13 ug/L	17 ug/L
3/31/2009	Sulfate	125 mg/L	131 mg/L

^a These violations are based on a review of CDCR's discharge monitoring reports, MMP Order No. R3-2005-0122, MMP Order No. R3-2006-0062, ACL Order No. R3-2009-0027, and MMP Order No. R3-2009-0028.

^b Total Coliform: The median concentration of total coliform bacteria measured in treated effluent at Discharge Point 001 shall not exceed a most probable number (MPN) of 2.2 organisms per 100 milliliters (mL), as determined from the last seven days for which analyses have been completed. The number of total coliform bacteria shall not exceed a MPN of 23 per 100 mL in more than one sample in any 30-day period. No sample shall exceed a MPN of 240 total coliform bacteria per 100 mL.

^c Total Chlorine Residual: Compliance determination for total chlorine residual shall be based on 99% compliance. To determine 99% compliance with the effluent limitation specified above for total chlorine residual, the following conditions shall be satisfied: (1) the total time during which the total chlorine residual values are above 0.1 mg/L (instantaneous maximum value) shall not exceed 7 hours and 26 minutes in any calendar month; (2) no individual excursion from 0.1 mg/L shall exceed 30 minutes; and (3) no individual excursion shall exceed 2 mg/L.