

August 22, 2008

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John H. Robertus, Executive Officer
C/O Northern Core Regulatory Unit
San Diego Regional Water Quality Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Re: Submission of Written Comments - Tentative Order No. R9-2008-0082
CRU: 9 000001103: MMATA

Dear Mr. Robertus:

In accordance with your Tentative Order dated August 8, 2008, Genentech, Inc. respectfully submits the following written comments on Tentative Order No. R9-2008-0082.

Please contact me if you have any questions at 760-231-2427.

Sincerely,



Joseph Hess
Manager, Environmental Health

Cc: Bob Morris, San Diego Regional Water Quality Control Board
Gary Harbour Ph D., VP and General Manager Oceanside Product Operations
Gary Van Housen, Senior Corporate Counsel Genentech, Inc.

Genentech Written Comments on Tentative Order No. R9-2008-0082
CRU: 9 000001103: MMATA

1) Section II.B, page 4 and Attachment F, Section II.A

In order to accurately reflect current operations, Genentech requests that the references to boiler and cooling tower blowdowns be removed. Genentech also requests that the second paragraph in Section II.B be revised to read as follows: "...and other non-biologics maintenance activities (including vapor compression stills blowdowns)". Genentech has notified the Water Board in its current renewal application that the facility's boiler and cooling tower blowdowns are no longer discharged to the brine line.

2) Section IV.A.1.a, Table 7 (Effluent Limitations Based on Table A of the Ocean Plan)

Genentech requests that the effluent limitation for temperature in Table 7 be removed. The appropriateness of having a temperature effluent limitation, which is the same limitation contained in the 2003 Order, has been previously discussed with Water Board staff beginning in 2006. The facility's discharge of effluent to the Oceanside Ocean Outfall (OOO) occurs at a distance of over six miles from the actual ocean discharge point and combines with significantly-higher volume wastestreams from other dischargers prior to being discharged to the ocean. Because of these factors, Genentech, in consultation with and direction from Water Board staff, agreed starting in the second half of 2006 to report temperature readings in its Self Monitoring Reports for three locations: the facility's monitoring point 001, the City's monitoring point M-003, and Ocean Buoy 045. At that time, Water Board staff advised that the use of a temperature effluent limitation should be re-evaluated at the time of permit renewal. Genentech is available to discuss this matter further with Water Board staff at its convenience.

3) Section IV.A.1.b, Table 8 (Effluent Limitations Based on the Ocean Plan)

The chronic toxicity effluent limit in Table 8 should be corrected to read "88 TUc", consistent with the value provided in Table F-12.

4) Section VI.A.2.e

GNE is an industrial facility and does not operate a municipal wastewater treatment plant. Accordingly, Genentech requests that this paragraph be deleted given its specific application to municipal wastewater treatment plants.

5) Attachment E, Section IX – Other Monitoring Requirements

Genentech requests further clarification in this section regarding the scope and timing of monitoring to be performed. For example, in Section IX.A, reference is made to performing the “intensive monitoring specified below” only during the 12-month period beginning July 1, 2008; however, there is no “intensive monitoring” specified below. Similarly, the biological monitoring specified in Section IX.B.1 is described as commencing on July 1, 2008 for a 12-month period, yet Table E-11 specifies the “Minimum Frequency” of monitoring as “Year 4”.

6) Attachment E, Section X.B.2 – Self Monitoring Reports

Sections VIII and IX in Attachment E of the Tentative Order state that the Discharger may conduct receiving water and sediment monitoring jointly with the City of Oceanside and other agencies or dischargers utilizing the OOO. Given the possibility that such monitoring may be performed by others (e.g., the City of Oceanside), Genentech requests that this section be modified to clarify that such jointly-conducted monitoring activities may be reported by those parties conducting such work on behalf of the Discharger and that the results of such monitoring work may be submitted in separate reports by such parties on behalf of the Discharger in lieu of the Discharger submitting such results in its own SMRs.

7) Attachment F, Section II.A

The Fact Sheet states at page F-4: “The Discharger filed a Report of Waste Discharge and submitted an application for renewal of its NPDES permit May 29, 2008”. The correct application date is June 9, 2008, as noted in paragraph II.A of the Tentative Order.

8) Attachment F, Section II.A, Table F-2 (Brine/Wastewater Stream Descriptions and Flow Rates)

Genentech notes that this table is inconsistent with data submitted in Genentech’s June 9, 2008 renewal application and with the information presented in Figure C-2, NIMO Brine Flows, of the Tentative Order. Genentech requests that Table F-2 be revised to be consistent with the data contained in Figure C-2. The following table is an update to Figure C-2 flow data and GNE recommends that this table replace Table F-2:

<u>Wastewater Stream Description</u>	<u>Flow Range (GPD)</u>
Multimedia filter	4,500 – 10,000
Softeners	14,000 – 28,000
WFI pretreatment, softeners/filters	10,000 – 24,000
WFI vapor compression stills	30,000 – 63,000
WFI process loop discharge	10,000 – 24,000
Clean steam generators	1,400 – 6,000
Total	70,000 – 155,000

9) Attachment F, Section II.A

a) Genentech notes that the section sequencing is not correct, as there is no Section II.A.1.

b) With regard to the description for “Primary City Water Treatment,” Genentech requests that the description be revised as follows to reflect the updated wastewater stream descriptions and flows: “...A total of **4,500-10,000** GPD is generated from the backwashing and rinsing of the MMF. A total of **14,000-28,000** GPD of brine and wastewater is generated from the triplex softener unit backwashing, softener regeneration, and rinsing processes...”

c) With regard to the description for “Pretreatment of Water For Injection,” Genentech requests that the description be revised as follows to reflect the updated wastewater stream descriptions and flows: “...The total wastewater flow from the WFI pretreatment processes is **10,000-24,000** GPD...”

d) With regard to the description for “Pretreatment of Boiler Water,” Genentech requests that the entire description be revised and relabeled as follows to reflect the updated wastewater stream descriptions and flows: “WFI Process Loop Discharge - The WFI Storage Tank has a process loop that discharges **10,000-24,000** GPD. The pollutants contained in this wastewater are extremely low concentrations since this is high purity water.”

e) With regard to the description for “Cooling Towers, Boilers, and Vapor Compression Stills,” Genentech requests that the entire description be revised as follows to reflect the updated wastewater stream descriptions and flows: “The WFI vapor compression stills at the Facility are subject to daily blowdowns for maintenance purposes. A total of **30,000-63,000** GPD of blowdowns water is released from the vapor compression stills. TDS in the blowdowns range from 2,000-3,000 mg/L.”

10) Attachment F, Section II.C, Table F-3

Because the reported values for TSS of "66 mg/L" suggest that a violation of the facility's effluent limitation had occurred when, in fact, no such violation had occurred based on the specific circumstances involving such data, Genentech requests that the following footnote be added to the TSS monitoring data: "While TSS readings were reported above effluent limitations, the data were deemed invalid due to laboratory error and not in violation of effluent limitations, as documented by Regional Water Board letter dated 9 October 2007."

11) Attachment F, Section IV.C.2.b, Page F-15

Genentech has submitted semi-annual reports for 2007 and requests that the sentence be revised to also include this year.

12) Attachment F, Section IV.C, Page F-25

Genentech requests that additional clarification be provided for conducting the screening period for chronic toxicity. The Tentative Order currently states that such screening is to be conducted "every other year". To avoid future uncertainty as to the timing for such screening, Genentech suggests that the language be revised to clarify that such screening is to be conducted either "once every odd year" or "once every even year".