



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

EXHIBIT

E

OCT 1 8 2011

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Jorge Marcano
Vice President of Operations
Bacardi Corporation
P.O. Box 363549
San Juan, Puerto Rico 00936-3549

Re: Notice of Issuance of Final Permit Decision
NPDES Permit: PR0000591 – Bacardi Corporation

Dear Mr. Marcano:

Pursuant to authority granted by Section 402 of the Clean Water Act (the Act), you are hereby served with this Notice of Issuance of a Final National Pollutant Discharge Elimination System (NPDES) permit for the above-indicated facility.

Please read the final permit carefully, since it may contain changes from the draft which you received. If comments were received in a timely manner as a result of the U.S. Environmental Protection Agency's (EPA's) Public Notice of its preparation of the draft permit, they have been considered in making the final decision. A copy of a memorandum is enclosed which explains EPA's position on issues raised by any comments submitted.

EPA will not subject the changes from the draft to the final NPDES permit to another public review.

The final permit decision shall become effective thirty (30) days from the date of service of this notice of issuance. Within this (30) day period, the final permit decision may be appealed by the filing of a notice of appeal and petition for review with the Agency's Environmental Appeals Board (EAB), in accordance with 40 Code of Federal Regulations (CFR) §124.19.

Any person who filed comments on the draft permit or participated in the public hearing may file the above referenced notice of appeal and petition for review to the EAB within those thirty (30) days to review any condition of the permit decision. Any person who failed to file comments or failed to participate in the public hearing on the draft may appeal for review only to the extent of the changes from the draft to the final permit decision.

This petition for review shall include a statement of the reasons supporting that review, including a demonstration that any issues being raised were raised during the public comment period (including any public hearing) to the extent required by these regulations and, when appropriate, a showing that the condition in question is based on:

- (1) A finding of fact or conclusion of law which is clearly erroneous; or
- (2) An exercise of discretion or an important policy consideration which the EAB should, in its discretion, review.

The original and one copy of all requests for appeal of the final permit decision must be addressed to:

United State Environmental Protection Agency
Environmental Appeals Board (MC-1103B)
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

A copy of the request must be sent to:

Barbara McGarry, Chief
Compliance Assistance and Program Support Branch
United States Environmental Protection Agency- Region II
290 Broadway, 21st Floor
New York, New York 10007-1866

Upon notification from the EAB of the filing of a notice of review, the Regional Administrator of EPA Region 2 will notify the EAB, the applicant and all other interested parties of the uncontested (and severable) conditions of the final permit that will become fully effective enforceable obligations of the permit thirty (30) days after the date of the Regional Administrator's notice.

The force and effect of the contested conditions of the final permit shall be stayed until final agency action under 40 CFR §124.19(f). Uncontested conditions which are not severable from those contested shall be stayed together with contested conditions.

In accordance with 40 CFR §124.16, if the permit involves a new facility, new injection well, new source, new discharger or a recommencing discharger, the applicant shall be without a permit pending final agency action. A permittee holding an existing permit must comply with conditions in the existing permit that correspond to the stayed conditions of the new permit.

Once the final permit has become effective, the final permit decision will be considered final Agency action for the purpose of judicial review.

You will also find enclosed three (3) copies of EPA Discharge Monitoring Reports (DMRs) Form 3320-1 (9-88) for each permit. In the future, pre-printed DMR forms will be sent to you on a quarterly basis.

Please be advised that violation of any of the conditions of the enclosed permit may subject your organization and its officials to the civil and criminal penalties provided for in Section 309 of the Clean Water Act.

Thank you for your cooperation in the development of this permit. I encourage you or your staff to contact Ms. Michelle A. Josilo, Chief, DEPP – CWARB - NPDES Section, at (212) 637-3866 with any questions about the terms and conditions of this permit.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'B - R N', followed by a long horizontal line.

Barbara McGarry, Chief
Compliance Assistance and Program Support Branch

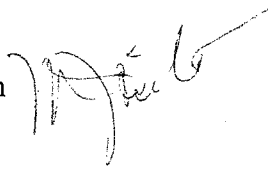
Enclosures

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: SEP 30 2011

SUBJECT: Finalization of the Draft Permit for the Bacardi Corporation, NPDES Permit No. PR0000591

FROM: Michelle A. Josilo, Chief
DEPP - CWRB - NPDES Section



TO: Karen Seet, Acting Team Leader
DECA - CAPSB - Data Management Team

The public comment period for the Bacardi Corporation, NPDES Permit No. PR0000591, has ended. Comments were received from the Bacardi Corporation at the following address:

Bacardi Corporation
P.O. Box 363549
Bo. Obrero Station
San Juan, Puerto Rico 00936-3549

No other comments were received. All comments have been responded to and EPA's response to these comments is provided in the Response to Comments that is attached, which indicates any changes to the draft permit. A copy of the signed final permit is also attached. Please complete the necessary mailing, data input and filing. Also, please note that the Response to Comments is independent of the final permit and should be enclosed with the cover letter to the permittee, along with the final permit.

If you have any questions, please contact Sara Sorenson at x3877.

Attachments (2)

RESPONSE TO COMMENTS ON
DRAFT NPDES PERMIT FOR
BACARDI CORPORATION (PR0000591)

On July 1, 2011, the United States Environmental Protection Agency (EPA) issued a draft National Pollutant Discharge Elimination System (NPDES) permit (PR0000591) to the Bacardi Corporation for its rum distillation facility in Cataño, Puerto Rico. Public notice of the draft permit was provided in the newspaper *El Vocero* on July 1, 2011. The public comment period for the draft NPDES permit expired on August 15, 2011.

According to 40 Code of Federal Regulations (CFR) §124.17, at the time that any final permit decision is issued under §124.15, EPA shall issue a response to comments. This response shall: (1) specify which provisions, if any, of the draft permit have been changed in the final permit decision and the reasons for the change; and (2) briefly describe and respond to all significant comments on the draft permit raised during the public comment period.

Comments were received from the following party:

Mr. Jorge Marcano
Vice President of Operations
Bacardi Corporation
P.O. Box 363549
San Juan, Puerto Rico 00936-3549

The EPA has reviewed the comments received and has decided to revoke the current NPDES permit and reissue a new NPDES permit.

EPA Response 1:

The Bacardi Corporation has demonstrated its ability to meet the effluent limitations included in the draft NPDES permit in presentations to EPA and by its willingness to enter into the Consent Decree modification which establishes those same effluent limitations. EPA notes that the Bacardi Corporation has made great strides in controlling releases of bacteria through treatment upgrades, source reduction, operational controls, and good housekeeping practices. The inclusion of these limitations is consistent with the Antidegradation Requirements section of EPA Region 2 Antibacksliding Policy, which states that EPA will relax effluent limitations only to the level of existing effluent quality. We are also aware of the challenges presented by the operational start-up period, and for this reason included a three-week period where the EQB effluent limitation in Figure 3 would be in effect.

The EQB has the right under Clean Water Act §401 to certify those limitations, which, by their calculations, are protective of Puerto Rico Water Quality Standards. EPA has the obligation under 40 CFR Part 122.44(d) to establish limitations that do not or will not have the reasonable potential to cause or contribute to an exceedance of Puerto Rico Water Quality Standards. However, where, as here, the permittee has demonstrated an ability to meet a more stringent limitation, EPA sets the limitation that the data indicates is achievable by the permittee. EPA believes that those limitations included in the draft NPDES permit are protective of water quality standards, and achievable by the permittee. During the three-week start up periods, it is our understanding that the flow would be significantly reduced, and therefore the additional bacterial loading would not cause or contribute to an exceedance of water quality standards.

Finally, as part of the review required for the Technical Decision Document establishing modified secondary treatment requirements under Clean Water Act §301(h) for the PRASA facilities that share this outfall, EPA reviewed bacteria concentrations in the receiving water at and beyond the Zone of Initial Dilution (ZID) to further assess the potential impact of bacteria on water quality. Since 2006, PRASA has conducted six receiving water monitoring events. Monitoring data show elevated levels of fecal coliform and enterococcus in the vicinity of the joint outfall. Except for the 2008 monitoring event, samples collected at within-ZID station B2, and ZID stations B3 and B12, generally did not meet the water quality criteria for fecal coliform and enterococcus. Single sample maximum concentrations of fecal coliform ranged between levels below the detection limit to 26,000 colonies per 100 ml (March 2010). For enterococcus, single sample maximum concentrations ranged between the detection limit and 1,600 colonies per 100 ml. Although some bacterial exceedances were observed at stations located beyond the ZID, samples overall showed concentrations that were generally below detection limit. EPA believes that any elevated levels of bacteria observed in the receiving water are likely attributed to wastewater from the Bacardi WWTP since it has not yet been able to meet interim effluent limitations pursuant to its current permit. Calculations performed by EPA using the draft permit limitations for enterococcus and fecal coliform were, however, determined to be protective of water quality standards at the end of the mixing zone.

The coordinates shown in SC 17.a, which are those specified in the final WQC, refer to Diagram-I, which is missing from the draft permit. BC requests EPA to include Diagram-I in the final permit.

EPA Response #6

EPA has included the Diagram I in the final permit. EPA notes the updated description of the diffuser, and has modified the description in this permit condition. By including it in this responsiveness summary, the description has also been entered into the administrative record for this permit issuance.

Comment #7 – (Page 15 of 42)

BC requests EPA to delete the reference to acute toxicity testing for *Arbacia*, included in Special Condition 17.c. Although toxicity tests for *Arbacia* are required, the only EPA-approved test for this organism is for chronic toxicity.

EPA Response #7

*The following section 17.d of this Special Condition specifies that acute testing shall be in accordance with Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, (EPA-821-R-02-012) Fifth Edition, October 2002, which does not include an approved method for assessing acute toxicity using *Arbacia punctulata*. Therefore, EPA's interpretation of this condition is that acute testing is not required for *Arbacia Punctulata*. EPA has modified the wording of Special Condition 17.c to specify solely chronic testing for *Arbacia Punctulata*.*

Comment #8 – (Page 17-18 of 42)

BC requests EPA to eliminate Special Condition 20 of the draft permit. Special Condition 20.a thru 20.l is a duplicate of Special Condition 17.c thru 17.o. The circular reference in the first paragraph of Special Condition 20 should be moved to Special Condition 17 and should reference Special Condition 18. Numbering should be updated for subsequent conditions. There is no Special Condition 18 or 19 in the draft permit.

EPA Response #8

This request is granted. The inclusion of Special Condition 20 was in error.

Comment #9 – (Page 19 of 42)

BC requests a change to Special Condition 21.b of the draft permit. Contrary to EPA's statement in its Fact Sheet, the PRWQSR does have a numerical TUc limitation (incorporated by reference to EQB's *Mixing Zone and Bioassay Guidelines*). Therefore, this limitation should be treated in the same manner as all other limitations listed in Table A-1 that are subject to a mixing zone. The appropriate value is 102 TUc, not 83.32 TUc. In addition, the limitation for *Arbacia* should be specifically based on the IC25 endpoint.

These requests are consistent with the PRWQSR, the existing permit, and EPA's own guidance on how to apply WET test results to compliance evaluations. The bases for these conclusions are

Comment #10 – (Page 19 of 42)

BC requests changes to Special Condition 21.c. The stipulated Toxicity Reduction Evaluation (TRE) process addresses steps the permittee will take if the “toxicity is measured below the chronic toxicity effluent limitation ...,” which is inconsistent with the limitation defined as a maximum value. Also the sentence is not clearly written. The wording should read as follows: “This plan shall include steps the permittee intends to follow if the toxicity limitation is violated and must include, at a minimum: ...”

EPA Response #10

EPA has made the requested changes to this condition.

Comment #11 – (Page 21 of 42)

BC requests changes to Special Condition 21.d.6. This item refers to Special Condition 21.g.3. There is no g.3; it is presumed this is supposed to refer to f.3.

EPA Response #11

This request is granted. EPA has made the correction to this reference.

Comment #12 – (Pages 21 & 23 of 42)

BC requests changes to Special Conditions 21.d.6 and 21.f.3. These items require reporting to be done within 30 days after permittee’s receipt of the laboratory results. This is inconsistent with Special Condition 17.g, which requires reporting within 60 days following completion of the test. Wording should be changed to maintain consistency with the final WQC, which requires reports within 60 days of the completion of the tests.

EPA Response #12

This request is denied. The provisions of Special Condition 17 are for mixing zone toxicity testing. The requirements of Special Condition 18 (Draft Permit Special Condition 21) are to ensure compliance with the effluent limitation for toxicity, and could potentially trigger accelerated monitoring and potential toxicity reduction identification procedures. Reporting of results must be in a timely manner to address sources of toxicity.

Comment #13 – (Page 22 of 42)

BC requests changes to Special Condition 21.f.1. The language should be revised as indicated in bold typeface as follows:

21.f.1 “A procedure report shall be **submitted** to EPA and EQB no later than ninety (90) days from the effective date of the permit. The following information shall be included in the procedure report:”

EPA Response #13

This request is granted. EPA has made the requested revision.

**BACARDI CORPORATION
COMMENTS ON THE ENVIRONMENTAL PROTECTION AGENCY
DRAFT NPDES PERMIT NO. PR 0000591 AND EPA RESPONSES**

Comment #1 – (Page 2 of 42)

EPA acknowledges that the proposed effluent limitations are more stringent than those included in the EQB WQC, and justifies the more stringent limitations on two premises: 1) that those more stringent limitations are achievable by the permittee during normal operational conditions; and 2) that dischargers should be held to the level of discharge achievable through treatment rather than assume all assimilative capacity of the receiving water, particularly for bacterial parameters.

The first premise is only partially correct. While Bacardi operated at a rate of production of 65,000 to 70,000 proof gallons per day, it generally complied with the more stringent limitations during normal operations. However, for various months Bacardi has been operating at a rate of production of 80,000 proof gallons (which is allowed under the current and draft permits) and has not been consistently complying with the more stringent limitations during normal operations. The effluent limitations proposed by EPA for Enterococci and Fecal Coliform in the BC wastewater treatment system (WWTS) are not consistently achievable based on recent sampling results (see Figure 1 and Figure 2).

The second premise also is only partially correct. Bacardi agrees that the entire assimilative capacity of the receiving water should not be used to avoid technology and other control methods to achieve compliance. But, that is not the case of BC. The EQB approved the WQC, and EPA did not oppose the granting of the WQC, because: 1) BC implemented aggressive operational controls and source reduction; 2) the operational controls and source reduction implemented by BC resulted in a significant reduction of regulated bacteria in the effluent at the 001 discharge point; 3) BC upgraded the sanitary wastewater treatment plant and added a disinfection system; 4) the alternative of an enhanced pasteurization system would likely be unnecessary, and possibly environmentally counter-productive; and 5) the operational controls, source reduction, and upgrade of the sanitary wastewater treatment system implemented by BC significantly reduced the bacteria levels and, when combined with a conventional BMZ, assure nearly complete compliance with the final limitations in the WQC. From the above, it is clear that the entire assimilative capacity of the receiving waters would not be used to avoid technology and other control methods to achieve compliance.

In addition, the receiving waters in the discharge area are not used for human contact or shellfish harvesting, which is a major factor in the EQB decision to approve a small mixing zone for bacteria in its final WQC, of identical size and consistent with the mixing zones approved by both EQB and EPA for water quality-based toxic parameters. For these reasons, BC requests that the effluent limitations for bacteria (Enterococci and Fecal Coliform) in Table A-1 be based on the final WQC issued by EQB in June 2010. The requested limitations are shown in Figure 3.

NPDES PERMIT NO. PR0000591

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended, 33 U.S.C. §1251 *et. seq.* (the "Act"),

Bacardi Corporation
PO Box 363549
San Juan, Puerto Rico 00936 - 3549

hereinafter referred to as "the permittee" is authorized to discharge from the following facility:

Bacardi Corporation
State Road No. 165, Km 2.6
Industrial Area
Cataño, Puerto Rico 00632

to receiving water

Atlantic Ocean

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I and II hereof. All references to Title 40 of the Code of Federal Regulations are to regulations that are in effect on the effective date of this permit, including all amendments thereto published in the Federal Register. Unless otherwise specified herein, all terms are defined as provided in the applicable regulations under Title 40 of the Code of Federal Regulations.

This permit shall become effective on **December 1, 2011.**

This permit and the authorization to discharge shall expire at midnight, **November 30, 2016.**

Signed this 27th day of September, 2011



Kevin Bricke
Acting Director
Division of Environmental Planning
and Protection
U.S. Environmental Protection Agency
Region 2

TABLE A-1 EFFLUENT LIMITATIONS AND REQUIREMENTS

During the period beginning on December 1, 2011 and lasting through November 30, 2016, the permittee is authorized to discharge from outfall serial number 001 (treated process, sanitary, utility, and miscellaneous wastewater). Such discharge shall be limited and monitored by the permittee as specified below:

Effluent Characteristics	Gross Discharge Limitations				Monitoring Requirements	
	kg/day (lbs/day)		Other Units (specified)		Measurement Frequency	Sample Type
	Monthly Avg.	Daily Max.	Monthly Avg.	Daily Max.		
Nickel (Ni) ($\mu\text{g/l}$) ^{2,3,4}				412	Monthly	Grab
Nitrogen (NO_3 , NO_2 , NH_3) (mg/l) ^{2,3,4}				874.700	Monthly	Grab
Oil and Grease (mg/l) ^{2,3,4}	The waters of Puerto Rico shall be substantially free from floating non-petroleum oils and greases as well as petroleum derived oils and greases.				Twice per Month	Grab
pH (SU) ^{2,3,4}	Shall always lie between 6.0 and 9.0.				Daily	Grab
Radioactive Materials (picocuries/l) ^{2,4}					ϕ	Grab
Silver (Ag) ($\mu\text{g/l}$) ^{2,3,4}				30.4	Monthly	Grab
Solids and Other Matter ^{2,4}	The waters of Puerto Rico shall not contain floating debris, scum and other floating material attributable to discharges in amounts sufficient to be unsightly or deleterious to the existing or designated uses of the waterbody.					
Sulfide (S) ($\mu\text{g/l}$) ^{2,3,4} δ (undissociated H_2S)				89,007	Monthly	Grab
Surfactants as MBAS ^{1,2,3,4} ($\mu\text{g/l}$)				1,494	Monthly	Grab

TABLE A-1 Notes:

To comply with the monitoring requirements specified above, samples shall be taken at the outfall of discharge serial number 001.

All flow measurements shall achieve accuracy within the range of plus or minus 10%.

The wastewaters to be discharged from Bacardi Corporation, through the discharge point 001 are the following:

- | | | | | | |
|----|---------------------------------------|----|-----------------------------------|----|---|
| a. | boiler blowdown, wash and extraction | g. | bottling plant wash | m. | cooling tower # 3 blowdown and washes |
| b. | mosto (distillation and fermentation) | h. | process washes | n. | pump seals (anaerobic filters) |
| c. | clarification plant wash | i. | molasses unloading and seal flush | o. | CO ₂ plant condensate and washes |
| d. | cooling towers blowdowns and other | j. | fermentation floor drains | p. | sanitary plant (discharge 003) |
| e. | flavor steam traps | k. | distillery floor drains | q. | process water treatment steam traps |
| f. | sulfur plant rinses and condensate | l. | barrel wash | | |

- φ The permittee shall implement a monthly monitoring program using the analytical method approved by EPA with the lowest possible detection level, in accordance with Section 6.2.3 of the PRWQSR as amended, for a one (1) year period, after which such monitoring shall be conducted annually. The monitoring program shall commence no later than thirty (30) days after the EQB's written approval of the Quality Assurance Project Plan (QAPP). The QAPP must be submitted for evaluation and approval of EQB no later than thirty (30) days after the EDP. The results of the monitoring program shall be submitted to EQB and EPA-Region II no later than sixty (60) days of completion of the one year monitoring program. Based on the evaluation of the results obtained, EQB will determine if an effluent limitation is necessary for these parameters. In such case the WQC will be reopened to include the applicable effluent limitation if considered necessary.

EPA Addendum: the one year monitoring program must be completed and submitted by May 31, 2016.

- α The effluent limitation for BOD₅ is based on the Mixing Zone Application for the Puerto Rico Aqueduct and Sewer Authority (PRASA) Puerto Nuevo and Bayamón facilities, and the Bacardi Corporation, after determining that there is a reasonable assurance that this limit will not cause violations to the water quality standard for Dissolved Oxygen for Class SC.
- γ See Special Condition 3.
- β The samples shall be analyzed using the method approved by EPA in letter of February 20, 2007.

TABLE A-2 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning on December 1, 2011 and lasting through November 30, 2016 the permittee is authorized to discharge from internal monitoring point 002. Such discharge shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristics</u>	<u>Monitoring Requirements</u>				
	Quarterly Rolling Average (QRA)*	Monthly Avg. kg/day (lb/day)	Daily Maximum kg/day (lb/day)	Measurement Frequency	Sample Type
Flow m ³ /day (MGD)			----	Continuous Recording	
BOD ₅		30,000 (66,200)	42,400 (93,280)	Weekly	Composite
Total Suspended Solids (mg/l)		45,200 (99,440)	71,200 (156,640)	Weekly	Composite
Influent BOD ₅ Concentration (mg/l)	Monitor influent BOD5 concentration on a weekly basis			Weekly	Composite
Effluent BOD ₅ Concentration (mg/l)	Monitor influent BOD5 concentration on a weekly basis			Weekly	Composite
(A) Influent QRA BOD ₅ Concentration (mg/l) ¹	Calculate and report QRA Influent BOD ₅ concentration on a monthly basis.*				
(B) QRA Influent BOD ₅ Loading (lb/day) ²	Calculate and report QRA Influent BOD ₅ loading on a monthly basis.*				
(C) QRA Effluent BOD ₅ Loading (lb/day) ³	Calculate and report QRA Effluent BOD ₅ loading on a monthly basis.*				
Tiered QRA Percentage Removal Requirement					
When QRA Influent BOD ₅ Concentration (Row (A)) is ≥ 23,600 mg/l ⁴	Calculate and report QRA Percentage Removal monthly. QRA Percentage Removal shall be no less than 70%				
When QRA Influent BOD ₅ Concentration (Row (A)) is < 23,600 mg/l ⁴	Calculate and report QRA Percentage Removal monthly.				

TABLE A-3 EFFLUENT LIMITATIONS AND REQUIREMENTS

During the period beginning on December 1, 2011 and lasting through November 30, 2016, the permittee is authorized to discharge from outfall serial number 003 (treated sanitary wastewater). Such discharge shall be limited and monitored by the permittee as specified below:

Effluent Characteristics	<u>Gross Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	Other Units (specified)		Measurement Frequency	Sample Type
	Monthly Avg.	7-day Average		
Flow m ³ /day (MGD)		----		Continuous Recording
BOD ₅ (mg/l) *	30	45	Monthly	Composite
Total Suspended Solids (mg/l) *	30	45	Monthly	Composite

* The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic means of the values of influent samples collected at approximately the same time during the same period (85 percent removal).

To comply with the monitoring requirements specified above, samples shall be taken at sampling location 003 in the vicinity of the sanitary wastewater treatment plant (after disinfection and filtration). All flow measurements shall achieve accuracy within the range 10%.

notify the Point Sources Permits Division of EQB's Water Quality Area in the following manners:

- 1) By telephone communication within a term no longer than twenty four (24) hours after the spill (787) 767-8073.
- 2) By letter, within a term no longer than five (5) days after the spill.

These notifications shall include the following information:

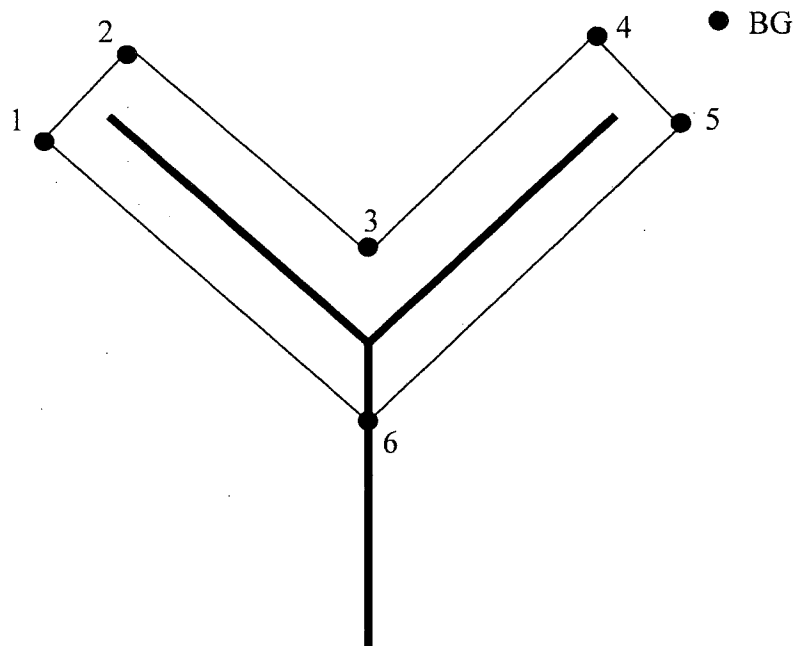
- a) Spill material
- b) Spill volume
- c) Measures taken to prevent the spill material to gain access to any body of water

This special condition does not relieve the permittee from its responsibility to obtain the corresponding permits from the EQB's Solids Wastes Program and other state and federal agencies, if any. ^{4,6}

7. A log book should be kept for the material removed from the treatment system, such as sludge, screenings and grit, detailing the following items:
 - a. Removed material, date and source of it.
 - b. Approximate volume and weight.
 - c. Method by which it is removed and transported.
 - d. Final disposal and location.
 - e. Person that offers the service.

A copy of the Non-Hazardous Solid Waste Collection and Transportation Service Permit issued by the authorized official from the EQB should be attached to the log book. ³

DIAGRAM – 1: Bacardi Corporation Mixing Zone



Geographic Coordinates *

Point 1	Lat. 18° 29.181' Long. 66° 08.518'
Point 2	Lat. 18° 29.202' Long. 66° 08.503'
Point 3	Lat. 18° 29.100 Long. 66° 08.340'
Point 4	Lat. 18° 29.097' Long. 66° 08.150'
Point 5	Lat. 18° 29.072' Long. 66° 08.150'
Point 6	Lat. 18° 29.075' Long. 66° 08.348'

* NAD 83 State Plane Coordinates

The discharge is through a high-rate, Y-shaped diffuser consisting of two (2) legs that are each 1,010 ft (308 m) in length and a constant 84-inch diameter. The west leg of the diffuser has 100

EPA Addendum to 17b:

EPA had revised the limitations for fecal coliform and bacteria for Outfall 001 to be consistent with current existing effluent quality during normal operations. During the period for three weeks (21 days) following resuming operations after a shutdown, the limitations for bacteria shall be:

<u>Parameter</u>	<u>Daily Maximum Discharge Limitation at Outfall Serial Number 001</u>	<u>Daily Maximum Limitation at the Borders of the MZ</u>
Enterococci (col/100 ml)	382,602 ‡	*
Fecal Coliforms (col/100 ml)	803,378 ‡	**

* The enterococci density in terms of geometric mean of at least 5 representative samples taken sequentially shall not exceed 35/100 ml. No single sample should exceed the upper confidence limit of 75% using 0.7 as the log standard deviation until sufficient site data exist to establish a site-specific log standard deviation.

** The Fecal Coliforms geometric mean of a series of representative samples (at least five samples) of the water taken sequentially in a given instance shall not exceed 200 colonies/100 ml. Not more than 20 percent of the samples shall exceed 400 colonies/100 ml.

- c. The permittee shall conduct annually definitive acute and chronic toxicity tests using the organisms *Mysidopsis bahia*, and *Cyprinodon variegatus* and chronic toxicity tests using *Arbacia punctulata* for the wastewater discharge identified as 001.
- d. The toxicity test shall be conducted according to the most recent editions of the following publications of EPA:
 - 1) Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, (EPA-821-R-02-012) Fifth Edition, October 2002.
 - 2) Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, (EPA-821-R-02-014) Third Edition, October 2002.

- n. The permittee shall conduct a dye study to verify the Critical Initial Dilution and the plume behavior within the mixing zone. The dye study shall be conducted ninety (90) days after the written approval of the corresponding Protocol and Quality Assurance Project Plan (QAPP). Such Protocol and QAPP shall be submitted to EQB ninety (90) days after the EDP. This study shall consist of at least one set of the required samples, as established in the QAPP for a complete sampling event.
- o. The authorization for the mixing zone will not be transferable and does not convey any property rights of any sort or any exclusive privileges, nor it authorizes any injury to persons or property or invasion of other private rights, of any infringement of Federal or State Law or Regulations.

18. Whole Effluent Toxicity Requirements

- a. The permittee shall conduct quarterly chronic toxicity tests on flow-weighted 24-hour composite effluent samples of the combined Bacardi, PRASA Puerto Nuevo, and PRASA Bayamón discharges (referred herein as "combined discharge") for fertilization of *Arbacia Punctulata*. Once each calendar year, the permittee shall split a 24-hour composite effluent sample and concurrently conduct acute and chronic toxicity tests using *Mysidopsis bahia* and *Cyprinodon variegatus* in addition to *Arbacia punctulata* fertilization test. The testing on this split sample, in addition to the *Arbacia Punctulata* test for that quarter would satisfy the annual toxicity monitoring requirement of Special Condition 17.

The permittee shall also conduct quarterly chronic toxicity tests on 24-hour composite effluent samples of solely the Bacardi effluent, taken at Bacardi Discharge Point 001, for fertilization of *Arbacia Punctulata*. During years 1, 3, and 5 of the permit, a split of each quarterly composite sample shall be also analyzed for all other monitored parameters for Bacardi effluent from Bacardi Discharge Point 001.

- b. Effluent Limitation:

No test result for any species or effect in the combined discharge shall be greater than 83.32 TUc.

This permit requires additional toxicity testing if a chronic toxicity effluent limit is violated. The permittee shall notify EPA in writing within fourteen days of the permittee's receipt of results violating this effluent limitation.

- c. TRE Workplan

No later than March 1, 2012, the permittee shall prepare and submit a Toxicity Reduction Evaluation (TRE) Workplan to EPA Region 2. This plan shall include steps the permittee

- B) Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations (EPA/600/2-88/070, 1989).
- 4) The permittee may also use the following manuals for Toxicity Identification Evaluation to identify the causes of toxicity:
- A) Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I (EPA/600/6-91/005F, 1992);
 - B) Methods for Aquatic Toxicity Identification Evaluations, Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPA/600/R-92/080, 1993);
 - C) Methods for Aquatic Toxicity Identification Evaluations, Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPA/600/R-92/081, 1993); and
 - D) Marine Toxicity Identification Evaluation (TIE): Phase I Guidance Document (EPA/600/R-96-054, 1996).
- 5) The trigger or performance of a TRE shall not relieve the permittee of its responsibilities to conduct WET monitoring in compliance with Section a. of this Special Condition. The permittee must also continue to comply with the reporting requirements of item f.3 of this Special Condition for all test results in compliance with this permit and progress reports on the TRE process.
- 6) The trigger or performance of accelerated monitoring shall not relieve the permittee of its responsibilities to conduct WET monitoring in compliance with Section a. of this Special Condition. The permittee must also submit test results within 30 days after the permittee's receipt of the laboratory reports for accelerated monitoring in order to comply with the reporting requirements of item f.3 of this Special Condition. Test results that were received by the permittee due to accelerated monitoring may be used to satisfy the requirements of Section a. of this Special Condition, provided that all requirements of Section a. (including species, test type, frequency, timing, and sample requirements) are met.
- e. Test Methods
- 1) Acute Toxicity Testing
 - A) The acute toxicity tests shall be conducted in accordance with the EPA publication, EPA-821-R-02-012 Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine

- B) A detailed description of the methodology to be utilized in the conduct of the tests, including equipment, sample collection, dilution water and source of test organisms.
 - C) A schematic diagram which depicts the effluent sampling location. The diagram shall indicate the location of effluent sampling in relation to wastewaters treatment facility and discharge monitoring point.
- 2) For any toxicity testing event, a full laboratory report shall be submitted and shall include: the toxicity test results in NOEC, LOEC, IC25, and the results reported at each effluent dilution. The results shall be reported according to the test methods manual chapter on report preparation and test review; the dates of sample collection and initiation of each toxicity test; all results for effluent parameters monitored concurrently with the toxicity test(s); and progress reports on TRE/TIE investigations.
 - 3) Full laboratory reports of analytical results shall be submitted to EPA Region II and EQB within thirty (30) days of completion of each test. Based on a review of the test results, EPA or the EQB may require additional toxicity tests, including chronic toxicity analyses. In addition to submitting the procedures report and test results to the addresses listed in Part I.B. of this permit, results shall be submitted to:

CHIEF, CLEAN WATER REGULATORY BRANCH
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION II
290 BROADWAY - 24th FLOOR
NEW YORK, NEW YORK 10007-1866
 - 4) The permittee shall notify the permitting authority in writing within 14 days of any violation of the chronic toxicity limitation. This notification shall describe actions the permittee has taken or will take to investigate, identify, and correct the causes of toxicity; the status of actions required by this permit; and schedule for actions not yet completed; or reason(s) that no action has been taken.

g. Reopener Clause for Toxicity Requirements

In accordance with 40 CFR Parts 122 and 124, this permit may be reopened by EPA to include toxicity/treatability studies, additional effluent limitations, or other special conditions to address toxicity in the effluent or receiving water body.

19. Reopener Clause for Endangered Species Protection

This permit may be modified or revoked and reissued based on the results of ESA section 7 consultation with the U.S. Fish and Wildlife Service and National Marine Fisheries Service.

C. MONITORING AND REPORTING

1. Monitoring and records. See Part II.C.10.
2. Discharge monitoring reports.
 - a. See Part II.C.12.d.
 - b. Monitoring results obtained during the previous month shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on January 28, 2012. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the Regional Administrator and State Director at the following addresses:

COMPLIANCE ASSISTANCE
PROGRAM SUPPORT BRANCH
U.S. ENVIRONMENTAL PROTECTION
AGENCY, REGION 2
290 BROADWAY - 21ST FLOOR
NEW YORK, NEW YORK 10007-1866

DIRECTOR
CARIBBEAN ENVIRONMENTAL
PROTECTION DIVISION
U.S. ENVIRONMENTAL PROTECTION
AGENCY, REGION 2
EDIF CENTRO EUROPA STE 417
1492 AVENIDA PONCE DE LEON
SAN JUAN, PUERTO RICO 00907-4127

ENVIRONMENTAL QUALITY BOARD
OF PUERTO RICO
P.O. BOX 11488
SANTURCE, PUERTO RICO 00910

3. Twenty-four hour reporting.

Pollutants for which the permittee must report violations of maximum daily discharge limitations under paragraph 12.f of Part II.B (40 CFR §122.41(1)(6)(ii)(C)) (24 hour reporting) shall be listed in the permit as included in Table A-1.

4. Additional reporting requirements.

Existing manufacturing, commercial, mining, and silvicultural dischargers. In addition to the reporting requirements under 40 C.F.R. §122.41(1), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

A. DEFINITIONS

1. "Average monthly discharge limitation" means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
2. "Average weekly discharge limitation" means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.
3. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
4. "Composite" means a combination of individual (or continuously taken) samples obtained at regular intervals over the entire discharge day. The volume of each sample shall be proportional to the discharge flow rate. For a continuous discharge, a minimum of 24 individual grab samples (at hourly intervals) shall be collected and combined to constitute a 24-hour composite sample. For intermittent discharges of more than four (4) hours duration, grab samples shall be taken at a minimum of 30 minute intervals.
5. "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharge over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of pollutant over the day. For purposes of sampling, "daily" means an operating day or 24-hour period.
6. "Director" means the "Regional Administrator" or the "State Director", as the context requires, or an authorized representative. Until the State has an approved State program authorized by EPA under 40 C.F.R. Part 123, "Director" means the Regional Administrator. When there is an approved State program, "Director" normally means the State Director. Even in such circumstances, EPA may retain authority to take certain action (see, for example, 40 C.F.R. 123.1(d), 45 Federal Register 14178, April 1, 1983, on the retention of jurisdiction over permits EPA issued before program approval). If any condition of this permit requires the reporting of information or other actions to both the Regional Administrator and the State Director, regardless of who has permit-issuing authority, the terms "Regional Administrator" and "State Director" will be used in place of "Director".

17. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
18. "Weekly" means every seventh day (the same day of each week) and a normal operating day.

1. Duty to Comply.

- a. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- b. The permittee shall comply with effluent standards or prohibitions established under section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under section 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.
- c. The Clean Water Act provides that any person who violates section 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402, or any requirement imposed in a pretreatment program approved under sections 402(a)(3) or 402(b)(8) of the Clean Water Act, is subject to a civil penalty not to exceed \$37,500 per day for each violation (as adjusted by 40 C.F.R. Part 19).
- d. The Clean Water Act provides that any person who negligently violates Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act, or any permit condition or limitation implementing any such sections in a permit issued under section 402 of the Clean Water Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Clean Water Act, is subject to criminal penalties of not less than \$2,500 nor more than \$25,000 per day of violation, or imprisonment of not more than 1 year, or both. In the case of a second or subsequent conviction for a negligent violation of the Clean Water Act, a person shall be subject to criminal penalties of not more than \$50,000 per day of violation, or by imprisonment of not more than 2 years, or both.
- e. The Clean Water Act provides that any person who knowingly violates Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Clean Water Act, or any requirement imposed in a pretreatment program approved under section 402(a)(3) or 402(b)(8) of the Clean Water Act, is subject to criminal penalties of not less than \$5,000 nor more than \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. In the case of a second or subsequent conviction for a knowing violation of the Clean Water Act, a person shall be subject to criminal penalties

3. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Duty to Mitigate.

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

5. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

6. Permit Actions

This permit may be modified, revoked and reissued, or terminated during its term pursuant to 40 C.F.R. Part 122, Subpart D. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privileges.

8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

- (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
- d. Monitoring must be conducted according to test procedures approved under 40 C.F.R. Part 136 and any subsequent changes to the methods contained therein unless another method is required under 40 C.F.R. subchapters N or O.
- e. The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than four years, or both. (See U.S.C. §1319(c)(4)).
11. Signatory requirements. All applications, reports, or information submitted to the Director shall be signed and certified. (See 40 C.F.R. §122.22)
- a. Applications. All permit applications shall be signed as follows:
- (1) For a corporation. By a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

Note: EPA does not require specific assignments or delegations of authority to responsible corporate officers identified in 40 C.F.R. §122.22(a)(1)(i). The Agency will presume that these responsible corporate officers have the

- d. Certification. Any person signing a document under paragraph 11.a or 11.b of Part II.B shall make the following certification:

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, 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.

- e. The Clean Water Act provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by imprisonment for not more than 6 months per violation, or by both. If a conviction is for a violation committed after a first conviction of such person under this paragraph, punishment shall be by a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than four years, or both. (See section 309.c.4 of the Clean Water Act).

12. Reporting Requirements.

- a. Planned changes. The permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
- (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 C.F.R. §122.29(b);
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under paragraph 4.a of Part I.B (40 C.F.R. §122.42(a)(1)); or

(1) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances to the Regional Administrator at (732) 548-8730 and State Director. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; 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 steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

(2) The following shall be included as information which must be reported within 24 hours under this paragraph.

- (a) Any unanticipated bypass (see 13 below) which exceeds any effluent limitation in the permit. (See 40 C.F.R. §122.41(g)).
- (b) Any upset (see 14 below) which exceeds any effluent limitation in the permit.
- (c) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit to be reported within 24 hours. (See 40 C.F.R. §122.44(g)).

(3) The Director may waive the written report on a case-by-case basis for reports under paragraph 12.f.(2) of Part II.B if the oral report has been received within 24 hours.

g. Other noncompliance. The permittee shall report all instances of noncompliance not reported under paragraphs 12.d, e, and f of Part II.B, at the time the monitoring reports are submitted. The reports shall contain the information listed in paragraph 12.f of Part II.B.

h. Other information. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

13. Bypass

a. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 13.b. and 13.c of Part II.B.

- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in paragraph 12.f.(2)(b) of Part II.B (24 hour notice); and
 - (4) The permittee complied with any remedial measures required under paragraph 4 of Part II.B (duty to mitigate).
- c. Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

15. Removed substances.

Pursuant to section 301 of the Clean Water Act, solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters. The following data shall be reported together with the monitoring data required in paragraph 2 of Part I.B:

- a. The sources of the materials to be disposed of;
- b. The approximate volumes and weights;
- c. The method by which they were removed and transported; and
- d. Their final disposal locations.

16. Oil and hazardous substance liability.

The imposition of responsibilities upon, or the institution of any legal action against the permittee under Section 311 of the Clean Water Act shall be in conformance with regulations promulgated pursuant to Section 311 to discharges from facilities with NPDES permits.

17. Reopener clause for toxic effluent limitations.

Other effluent limitations and standards under sections 301, 302, 303, 307, 318 and 405 of the Clean Water Act. If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is

C. EFFECTIVENESS OF PERMIT

1. This permit shall become effective in its entirety on the date indicated on the first page of this permit unless a petition has been filed with the Environmental Appeals Board to review any condition of the permit decision pursuant to the provisions of 40 C.F.R. Part 124.19. All contested conditions and any uncontested condition(s) that are inseverable from the contested conditions shall be stayed. All other conditions shall become effective thirty (30) days after the date of the notification specified in 40 C.F.R. §124.16(a)(2)(ii).
2. For purposes of judicial review under Section 509(b) of the Clean Water Act, final agency action on a permit does not occur unless and until a party has exhausted its administrative remedies under 40 C.F.R. 124. Any party which neglects or fails to seek review under 40 C.F.R. §124.19, thereby waives its opportunity to exhaust available agency administrative remedies.

PERMITTEE NAME/ADDRESS (Include
Facility Name/ Location if different)

NAME:

ADDRESS:

FACILITY:

LOCATION:

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR MO DAY			YEAR MO DAY		
FROM			TO		

(SUBR nn)
F - FINAL
DISCHARGE 001

*** NO DISCHARGE ☐ ***
Note: Read instructions before completing this form.

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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, 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.	TELEPHONE	DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE/ NUMBER	YEAR	MO

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include
Facility Name/ Location if different)

NAME:

ADDRESS:

FACILITY:

LOCATION:

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER			DISCHARGE NUMBER		
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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE/	NUMBER	YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include
Facility Name/ Location if different)

NAME:

ADDRESS:

FACILITY:

LOCATION:

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR MO DAY			YEAR MO DAY		
FROM			TO		

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F - FINAL
DISCHARGE 001

*** NO DISCHARGE ☐ ***

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TYPED OR PRINTED		AREA CODE/ NUMBER	YEAR	MO

COMMENTS AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)