



**Sacramento
Cogeneration
Authority**

P.O. Box 15830, Sacramento, CA 95852-1830 • 916/732-5218

Procter & Gamble Cogeneration Project

SCA 94-108

June 1, 1994

**DOCKET
93-AFC-2**

DATE: JUN 1 1994

RECD: JUN 2 1994

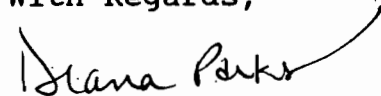
Mr. Joseph Henao
Central Valley Regional
Water Quality Control Board
3443 Routier Road, Suite A
Sacramento, CA 95827-3098

**SUPPLEMENTAL AND AMENDED INFORMATION TO THE PROCTER AND GAMBLE
COGENERATION PROJECT REVISED NPDES PERMIT APPLICATION DATED 5/31/94**

Dear Mr. Henao:

Please find enclosed an updated Section VI. of the Application for Facility Permit/Waste Discharge reflecting the proposed daily flow. Also enclosed is a revised Attachment B reflecting the estimated average wastewater flows from the various streams identified on the water mass balance flowchart. Documentation regarding chloroform and arsenic will follow. Please telephone if you have any questions. Thank you.

With Regards,



Diana Parker
Environmental Specialist

Enclosures

cc: Ron Simms, Walsh
Rich Chapman, B&V

REVISED
ATTACHMENT B

002A - HRSG Blowdown A continuous blowdown will be maintained to control the dissolved solids concentration in the heat recovery steam generator drums. Makeup to the HRSG will be demineralized water provided by the cycle makeup treatment system. HRSG blowdown will consist of boiler water which is discharged in order to control the boiler water chemistry. The estimated average wastewater flow is 10 gpm.

002B - Cooling Tower Blowdown The circulating water system will be the largest source of wastewater. The cooling tower will be used for cycle heat rejection. A continuous blowdown will be maintained to control solids concentration in the circulating water system. The source of makeup water for the cooling tower will be City water.

Sulfuric acid and inhibitor solutions will be fed to the tower to prevent scale formation, and sodium hypochlorite solution will be fed to prevent biofouling.

The cooling tower is expected to operate at approximately five cycles of concentration. The estimated wastewater flow resulting from cooling tower blowdown is 167 gpm.

002C - Neutralization Facility Effluent Demineralizer regeneration wastes and chemical feed area drains will be collected and treated onsite. The demineralizer regeneration wastes will contain various amounts of unreacted sulfuric acid and sodium hydroxide along with the salts removed from the demineralizer ion exchange resins by the regeneration process. The chemical feed area drains will consist of spillage, tank overflows, maintenance operations, and area washdowns. The collected chemical drains and the demineralizer regeneration wastes will be routed to a neutralization facility for batch adjustment of pH to be between 6 and 9 prior to discharge off-site as part of the plant's total wastewater stream. The estimated average wastewater flow is 45 gpm.

002D - Plant Equipment Drains Miscellaneous general plant drains will consist of area washdown, sample drains, equipment leakage, and drainage from the combustion turbine and HRSG areas. Drains that are subject to oil or grease contamination will be routed to an oil/water separator. Oil accumulated in the separators will be periodically removed and hauled offsite by a licensed contractor. The effluent from the oil/water separator will be discharged off-site as part of the plant's total wastewater stream. The quality of this wastewater stream will not differ appreciably from the quality of the City water. The estimated average wastewater flow is 10 gpm.

002 - Wastewater Collection All wastewater streams will be combined into a single stream which will be discharged offsite to Morrison Creek. The estimated average discharge flow is 232 gpm.

VI. QUANTITY OF WASTES

A. PRESENT OR PROPOSED DAILY FLOW (IN MGD):	MAXIMUM	AVERAGE	B. DESIGN FLOW (IN MGD)
	0.42	0.33	
OLD WASTE DISPOSAL SITE (IN TONS OR CUBIC YARDS):	DAILY QUANTITY	TOTAL IN PLACE QUANTITY	D. AREA IN WHICH SOIL WILL BE DISTURBED (IN ACRES)

VII. LOCATION OF POINT OF DISPOSAL OR OPERATION

(DESIGN AND ATTACH MAP, SKETCH, OR LOCATION ON U.S.G.S. QUADRANGLE MAP, 7.5 OR 15 MINUTE SERIES.)
 LIST DISTANCES OR BEARING AND DISTANCE FROM SECTION CORNER OR QUARTER CORNER, SECTION, TOWNSHIP, RANGE, BASE AND MERIDIAN:

VIII. SOURCE OF WATER SUPPLY (CHECK ALL APPROPRIATE)

A. <input type="checkbox"/> MUNICIPAL OR UTILITY SERVICE:	B. <input type="checkbox"/> INDIVIDUAL (Wells)
NAME OF WATER PURVEYOR City of Sacramento Dept. of Utilities	C. <input type="checkbox"/> SURFACE SUPPLY
ADDRESS OF PURVEYOR 5770 Freeport Blvd., Suite 100 Sacramento, CA 95822-2911	NAME OF STREAM, LAKE, SPRING, ETC. (IF NAMED)
	TYPE OF WATER RIGHTS <input type="checkbox"/> Riparian <input type="checkbox"/> Appropriation

IX. ENVIRONMENTAL IMPACT REPORT (EIR)

Has an EIR been prepared for this project? Yes No An AFC for this project has been filed with CEC. The AFC discusses wastewater discharge to the County Regional Sanitation Plant

If "Yes", please enclose a copy.

If "No", will an EIR be prepared? Yes No

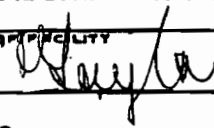
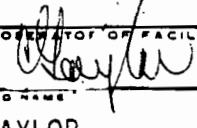
Will a negative declaration be prepared? Yes No

If "Yes", please answer the following:

WHO WILL PREPARE THE NEGATIVE DECLARATION?	APPROX. DATE OF COMPLETION

CERTIFICATION

I hereby certify under penalty of perjury that the information provided in this application and in any attachments is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER OF FACILITY 	SIGNATURE OF PROJECTOR OF FACILITY 
PRINTED OR TYPED NAME COLIN TAYLOR	PRINTED OR TYPED NAME COLIN TAYLOR
TITLE DIRECTOR, PROJECTS DEVELOPMENT	TITLE DIRECTOR, PROJECTS DEVELOPMENT
DATE 6/1/94	DATE 6/1/94

LIST TITLES OF ANY ATTACHMENTS: