

US EPA ARCHIVE DOCUMENT

**Application for
301(h)-Modified NPDES Permit
Reissuance**

For

**TAFUNA WASTEWATER
TREATMENT PLANT**

NPDES Permit No. AS0020010

Submitted By

AMERICAN SAMOA POWER AUTHORITY

May 4, 2004

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ATTACHMENT 1. Maps and Drawings

Wall Map of Tualauta County Sewer and WWTP (USEPA - copy only)

Location Map of American Samoa in the Pacific Ocean

Project Location in American Samoa

Topographic Map Showing Specific Features of Tafuna WWTP (Form 2A Part B.2.)

Diagrams of Treatment System and Outfall Configuration (301(h) Questionnaire Section II.A.2.a.)

Tafuna WWTP Process Flow Diagram (Form 2A Part B.3.)

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Tafuna WWTP Process Flow including a water balance of all treatment units.

Hydraulic Profile of the Tafuna WWTP (Form 2A Part B.3.)

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**NPDES Permit Renewal Application
Form 1**

For

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Label Items	Please Place Label In This Space	General Instructions If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, II, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected (http://www.epa.gov/npdes/pubs/form_1.pdf).
II. A I.D. Number		
III. Facility Name		
V. Facility Mailing Address		
VI. Facility Location		

II. Pollutant Characteristics
 Instructions: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced** terms.

Specific Questions	Mark 'X'			Specific Questions	Mark 'X'		
	Yes	No	Form Attached		Yes	No	Form Attached
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S. ? (Form 2A)	X		X	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S. ? (Form 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (Form 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S. ? (Form 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes ? (Form 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (Form 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (Form 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (Form 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area ? (Form 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area ? (Form 5)		X	

III. Name of Facility
 TAFUNA SEWAGE TREATMENT PLANT

IV. Facility Contact
 A. Name & Title (last, first, & title) DWORSKY, MICHAEL MR.
 B. Phone (area code & no.) (684) 699-1462

V. Facility Mailing Address
 A. Street or P.O. Box P.O. BOX PPB
 B. City or Town PAGO PAGO C. State A.S. D. Zip Code 96799

VI. Facility Location
 A. Street, Route No. or Other Specific Identifier GAGOGO
 B. County Name TUALAUTA
 C. City or Town PAGO PAGO D. State AS E. Zip Code 96799 F. County Code

Continued From The Front

VII. SIC Codes (4-digit, in order of priority)			
A. First		B. Second	
4952	(specify) Sewerage Systems		(specify)
C. Third		D. Fourth	
	(specify)		(specify)

VIII. Operator Information	
A. Name	B. Is the name listed in Item VIII-A also the owner? <input checked="" type="checkbox"/> Yes
AMERICAN SAMOA POWER AUTHORITY	

C. Status of Operator (Enter the appropriate letter into the answer box; if "Other", specify.)		D. Phone (area code & no.)
F = Federal M = Public (other than federal or state) S = State O = (specify) P = Private	S	011-(684) 699-1462

E. Street or P.O. Box			
P. O. BOX PPB			

F. City or Town	G. State	H. Zip Code	IX. Indian Land
PAGO PAGO	AS	96799	Is the facility located on Indian lands? <input checked="" type="checkbox"/> No

X. Existing Environmental Permits			
A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)		
AS0020010			
B. UIC (Underground Injection of Fluids)	E. Other (specify)		
	(specify)		
C. RCRA (Hazardous Wastes)	E. Other (specify)		
	(specify)		

XI. Map
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements. Provided in Attachment 1

XII. Nature of Business (provide a brief description)
The American Samoa Power Authority (ASPA) provides power generation & transmission, water supply and distribution, wastewater collection & treatment, and solid waste collection & disposal on behalf of the American Samoa Territorial Government in American Samoa. The overall population of American Samoa is approaching 60,000 total. Currently we serve about 12,000 people with the Tafuna Wastewater Treatment Plant. We anticipate about 20,000 people will be served by the on-going sewer system collection and expansion program in the near future.

XIII. Certification (see instructions)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. Name & Official Title (type or print)	B. Signature	C. Date Signed
Michael Dworsky, Sanitary Engineer		5-4-04