

EXHIBIT OO

Permit No. GU0020141

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

Public Utility Agency of Guam
Government of Guam
P.O. Box 3010
Agana, Guam 96910

is authorized to discharge treated wastewater from the Northern District Sewage Treatment Plant outfall (Discharge Serial No. 001, latitude 13°33'7.36", longitude 144°48'24.03") located off Dededo, Guam

to receiving waters named Philippine Sea,

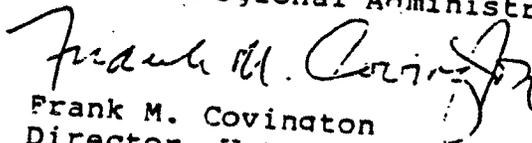
in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

This permit shall become effective on June 30, 1986

This permit and the authorization to discharge shall expire at midnight, June 30, 1991

Signed this 30th day of June , 1986.

For the Regional Administrator,



Frank M. Covington
Director, Water Management Division

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS based upon an end of permit term flow of 0.26 m³/sec (6 MGD)

1. During the period beginning with the effective date of this permit and lasting through June 30, 1991, the permittee is authorized to discharge from outfall serial number 001.
a. Such discharges shall be limited and monitored by the permittee as specified below:

| | kg/day (lbs/day) | | Other Units (Specify) | | Measurement Frequency | Sample Type |
|------------------------------------|--|------------------|-----------------------|-------------|-----------------------|-------------|
| | Monthly Average | Daily Max | Monthly Average | Daily Max | | |
| Flow-m ³ /day (MGD) | - | - | - | (6 MGD) | Continuous | -- |
| Biochemical Oxygen Demand (5-Day)* | 1,930 (4,256) | 3,860 (8,512) | 85 mg/L | 170 mg/L | Once/week | Composite |
| Suspended Solids* | 1,136 (2,504) | 2,272 (5,008) | 50 mg/L | 100 mg/L | Once/week | Composite |
| Settleable Solids | - | - | 1 ml/L | 2 ml/L | Once/week | Discrete |
| Oil and Grease** | - | - | - | - | Once/month | Discrete |
| PH*** | Not less than 7.0 standard units nor greater than 9.0 standard units | | | | Once/week | Discrete |

*Both the influent and effluent shall be monitored.

**Oil and grease shall be monitored in the effluent on a monthly basis over a six month period since many toxic organic pollutants partition into this fraction. If the level of oil and grease is found to be unacceptable, this permit shall be modified to include an effluent limitation and monitoring requirements for this parameter.

***The discharger shall not cause the pH of the receiving water to deviate more than 0.5 pH units of the which would occur naturally.

- b. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Influent samples shall be taken downstream from any additions to the trunk sewer, and upstream of any in-plant return flows, and prior to treatment. Effluent samples shall be taken downstream from any additions from the treatment works and prior to mixing with the receiving waters.

- c. The receiving waters shall be substantially free from visible floating materials, grease, oil, scum, foam, and other matter not attributable to sewage.
- d. The receiving water shall be free from materials attributable to sewage that will produce visible turbidity or settle to form deposits.
- e. The receiving water shall be free from substances and conditions or combinations thereof attributable to sewage which may be toxic to humans, other animals and plants, and aquatic life.
- f. There shall be no discharge of substances that violate the Territory of Guam water quality standards.

A.2. RECEIVING WATER QUALITY AND BIOLOGICAL MONITORING REQUIREMENTS

Receiving water and biological monitoring are required under 40 CFR 125.62 for section 301(h) permittees to document long and short-term effects on the beneficial uses of the receiving waters and to determine compliance with NPDES permit terms and conditions. Within 60 days of the effective date of this permit, the Public Utility Agency of Guam shall submit a monitoring program and implementation schedule for the program to EPA Region 9 and the Guam Environmental Protection Agency which consists, at a minimum, of the requirements listed below. Any justification for an alternate receiving water quality and biological monitoring program should also be included. The Water Quality Monitoring for the Territory of Guam administered by the Guam Environmental Protection Agency may serve to meet the monitoring requirements as specified under 40 CFR 125.62. This program includes receiving water and biological monitoring. After one full year of monitoring data has been received by EPA, the effluent, receiving water, and biological monitoring programs will be evaluated

and, if appropriate, revised under the direction of EPA. Revisions may include a reduction or increase in the parameters to be monitored, the frequency of monitoring, or the number and size of samples collected.

1. Receiving Water Quality Monitoring

| <u>Parameter</u> | <u>Units</u> | <u>Stations</u> | <u>Monitoring Frequency</u> | <u>Sample Type</u> |
|---|--------------|-----------------|-----------------------------|------------------------------|
| Floating materials*, odor, and color | | A, B, C D, E | monthly quarterly | visual visual |
| Total coliform bacteria | MPN/100ml | A, B, C D, E | monthly quarterly | discrete** discrete** |
| Temperature | °C | C, D, E | quarterly | discrete** |
| Salinity | ppt | C, D, E | quarterly | discrete** |
| pH | pH units | C, D, E | quarterly | discrete** |
| Dissolved oxygen | mg/L | C, D, E | quarterly | discrete** |
| Turbidity | m or NTU | C, D, E | quarterly | Secchi disc or discrete** |

*Floating materials shall include oils, grease, scum, etc.

**Samples shall be taken at the surface for coliform analyses. For other parameters, samples shall be taken at the surface, mid-depth and bottom.

Exact locations of the monitoring stations shall be designated by the permittee. Final station locations, parameters to be monitored, methodology, and frequency shall be approved by EPA Region 9 and the Guam Environmental Protection Agency.

Station Locations

| <u>Station</u> | <u>Description</u> |
|----------------|---|
| A | shoreline station |
| B | shoreline station |
| C | outfall station |
| D | 100 m south of outfall station |
| E | control station 1000 m east of outfall station |

Receiving water monitoring data shall be submitted quarterly to EPA Region 9 and the Guam Environmental Protection Agency.

Permit No. GU0020087

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

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

Public Utility Agency of Guam
Government of Guam
P.O. Box 3010
Agana, Guam 96910

is authorized to discharge treated wastewater from the Agana Sewage Treatment Plant outfall (Discharge Serial No. 001, latitude 13°29'3.3", longitude 144°44'37.1") located off Marine Drive, Agana, Guam

to receiving waters named Philippine Sea,

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

This permit shall become effective on June 30, 1986

This permit and the authorization to discharge shall expire at midnight, June 30, 1991

Signed this 30th day of June , 1986.

For the Regional Administrator,


Frank M. Covington
Director, Water Management Division

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS based upon a treatment capacity of 0.53 m³/sec (12 MGD)

1. During the period beginning with the effective date of this permit and lasting through June 30, 1991, the permittee is authorized to discharge from outfall serial number 001.
 - a. Such discharges shall be limited and monitored by the permittee as specified below:

| EFFLUENT CHARACTERISTIC | DISCHARGE LIMITATIONS | | | MONITORING REQUIREMENTS | | |
|------------------------------------|-----------------------|----------------|-----------------------|-------------------------|-----------------------|-------------|
| | kg/day (lbs/day) | | Other Units (Specify) | | Measurement Frequency | Sample Type |
| | Average Monthly | Daily Max | Average Monthly | Daily Max | | |
| Flow-m ³ /day (MGD) | - | - | - | (12 MGD) | Continuous | --- |
| Biochemical Oxygen Demand (5-Day)* | 3,634 (8,011) | 7,268 (16,022) | 80 mg/L | 160 mg/L | Once/week | Composite |
| Suspended Solids* | 2,725 (6,008) | 5,450 (12,016) | 60 mg/L | 120 mg/L | Once/week | Composite |
| Settleable Solids | - | - | 1 ml/L | 2 ml/L | Once/week | Discrete |
| Oil and Grease*** | - | - | - | - | Once/month | Discrete |

pH** Not less than 7.0 standard units nor greater than 9.0 standard units

*Both the influent and effluent shall be monitored.

**The discharger shall not cause the pH of the receiving water to deviate more than 0.5 pH units of that which would occur naturally.

***Oil and grease shall be monitored in the effluent on a monthly basis over a six month period since many toxic organic pollutants partition into this fraction. If the level of oil and grease is found to be unacceptable, this permit shall be modified to include an effluent limitation and monitoring requirements for this parameter.

- b. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Influent samples shall be taken downstream from any additions to the trunk sewer, and upstream of any in-plant return flows, and prior to treatment.
Effluent samples shall be taken downstream from any additions from the treatment works and prior to mixing with the receiving waters.
- c. The receiving waters shall be substantially free from visible floating materials, grease, oil, scum, foam, and other matter not attributable to sewage.
- d. The receiving water shall be free from materials attributable to sewage that will produce visible turbidity or settle to form deposits.
- e. The receiving water shall be free from substances and conditions or combinations thereof attributable to sewage which may be toxic to humans, other animals and plants, and aquatic life.
- f. There shall be no discharge of substances that violate the Territory of Guam water quality standards.

A.2. RECEIVING WATER QUALITY AND BIOLOGICAL MONITORING REQUIREMENTS

Receiving water and biological monitoring are required under 40 CFR 125.62 for section 301(h) permittees to document long and short-term effects on the beneficial uses of the receiving waters and to determine compliance with NPDES permit terms and conditions. Within 60 days of the effective date of this permit, the Public Utility Agency of Guam shall submit a monitoring program and implementation schedule for the program to EPA Region 9 and the Guam Environmental Protection Agency which consists, at a minimum, of the requirements listed below. Any justification for an alternate receiving water quality and biological monitoring program should also be included. The Water Quality Monitoring for the Territory of Guam administered by the Guam Environmental Protection Agency may serve to meet the monitoring requirements as specified under 40 CFR 125.62. This program includes receiving water and biological monitoring. After one full year of monitoring data has been received by EPA, the effluent, receiving water quality, and biological monitoring programs will be evaluated

Agua STP

and, if appropriate, revised under the direction of EPA. Revisions may include a reduction or increase in the parameters to be monitored, the frequency of monitoring, or the number and size of samples collected.

1. Receiving Water Quality Monitoring

| <u>Parameter</u> | <u>Units</u> | <u>Stations</u> | <u>Monitoring Frequency</u> | <u>Sample Type</u> |
|---|--------------|-----------------|-----------------------------|------------------------------|
| Floating materials*, odor, and color | | A,B,C D,E,F | monthly quarterly | visual visual |
| Total coliform bacteria | MPN/100ml | A,B,C D,E,F | monthly quarterly | discrete** discrete** |
| Temperature | °C | D,E,F | quarterly | discrete** |
| Salinity | ppt | D,E,F | quarterly | discrete** |
| pH | pH units | D,E,F | quarterly | discrete** |
| Dissolved oxygen | mg/L | D,E,F | quarterly | discrete** |
| Turbidity | m or NTU | D,E,F | quarterly | Secchi disc or discrete** |

*Floating materials shall include oils, grease, scum, etc.

**Samples shall be taken at the surface for coliform analyses. For other parameters, samples shall be taken at the surface, mid-depth and bottom.

Exact locations of the monitoring stations shall be designated by the permittee. Final station locations, parameters to be monitored, methodology, and frequency shall be approved by EPA Region 9 and the Guam Environmental Protection Agency.

Station Locations

| <u>Station</u> | <u>Description</u> |
|----------------|---|
| A | shoreline station |
| B | shoreline station |
| C | shoreline station |
| D | outfall station |
| E | 100 m south of outfall station |
| F | control station 1000 m east of outfall station |

Receiving water monitoring data shall be submitted quarterly to EPA Region 9 and the Guam Environmental Protection Agency.

2. Biological Monitoring

The biological monitoring program shall include the requirements of 40 CFR 125.62(b)(1) such that, to the extent practicable, data adequate to evaluate the impact of the modified discharge on the coral reef community shall be provided. Station locations, parameters to be monitored, methodology, and frequency shall be coordinated with EPA Region 9 to ensure that the requirements of 40 CFR 125.62 are met. A report on the results of the biological monitoring shall be submitted annually to EPA Region 9 and the Guam Environmental Protection Agency.

3. Study on Impact of Lack of Chlorination

The Public Utility Agency of Guam shall submit an annual report on the impact of the discharge of effluent that has not been chlorinated on the marine environment in the vicinity of the Agana Sewage Treatment Plant effluent outfall and on any areas that could be affected by the discharge. This report is due on June 30 of each year over the permit term and shall be submitted to EPA Region 9 and the Guam Environmental Protection Agency.

4. Quality Assurance

The Public Utility Agency of Guam shall enter into an agreement with the Guam Environmental Protection Agency for quality assurance in lab procedures and analysis. This agreement shall include split-sampling between the Public Utility Agency of Guam and the Guam Environmental Protection Agency labs on a monthly basis.

B. NONINDUSTRIAL SOURCE CONTROL PROGRAM

The permittee according to 40 CFR 125.64(d) must implement a public education program for nonindustrial source control. The permittee shall coordinate this activity with the Guam Environmental Protection Agency public education activities. This program must be implemented within eighteen months of issuance of this permit according to the following schedule:

| <u>Task</u> | <u>Compliance Date</u> | <u>Due Date for Report of Compliance and Results of Task</u> |
|--|------------------------|--|
| 1. Develop public education program and submit to EPA for approval | March 30, 1987 | - |
| 2. Implement public education program | November 30, 1987 | December 30, 1987 |

EXHIBIT PP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 9

75 Hawthorne Street (CED-6)
San Francisco, CA 94105
September 10, 2008

Via Email

Julie R. Shane
Supervising Engineer, Wastewater
Guam Waterworks Authority
P.O. Box 3010
Hagatna, Guam 96932

Re: Northern District WWTP Outfall Project Diffuser

Dear Ms. Shane:

This is in response to your letter dated June 27, 2008, regarding the Northern District WWTP's outfall extension project. Your June 27 letter seeks EPA's comment on alternative options due to increased costs needed to strengthen the diffuser and uncertainty on approval of a mixing zone for the Northern District's discharge.

Given the uncertainty with Guam EPA's approval of a mixing zone for the Northern District's discharge, EPA concurs with GWA's option to install only the main outfall pipe (with check valve), excluding the diffuser portion at this time. However, EPA believes that the diffuser is still necessary to minimize actual environmental impacts to the receiving water. EPA is willing to postpone the final design and installation of a diffuser until GWA receives a determination from Guam EPA on the Northern District discharge.

Please be aware that Guam EPA has the sole responsibility for approval of a mixing zone for discharges to Guam's waters. EPA would incorporate an approved mixing zone into its permit unless it is inconsistent with the general provisions in Guam's water quality standards.

If you have any questions regarding this matter, please contact me at (415) 972-3769.

Sincerely,

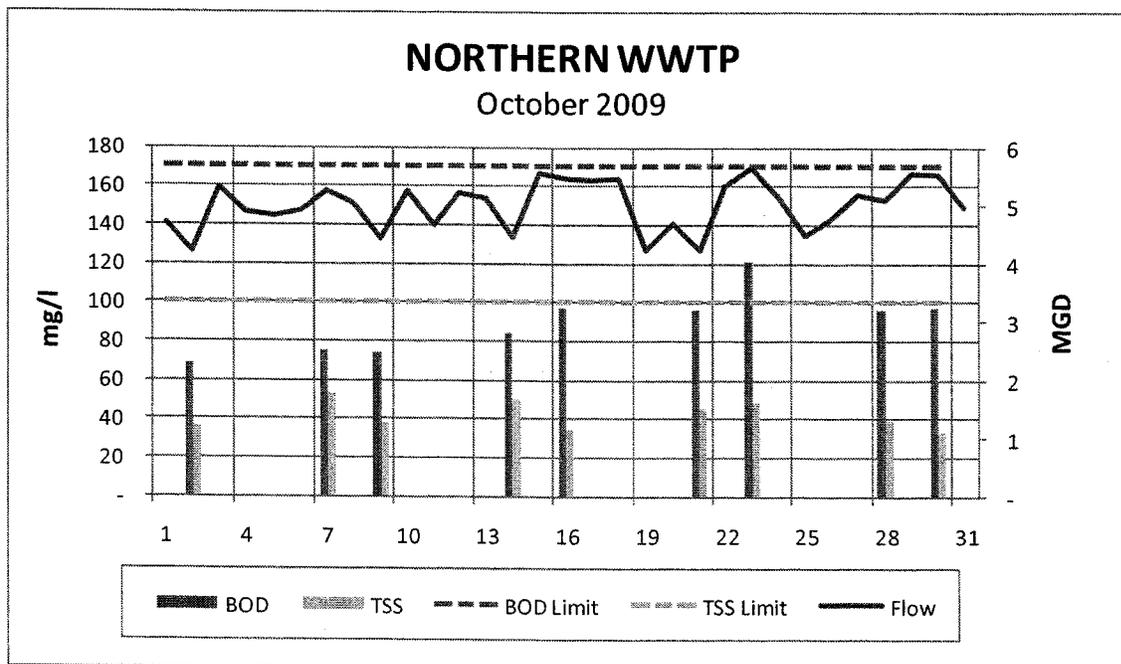
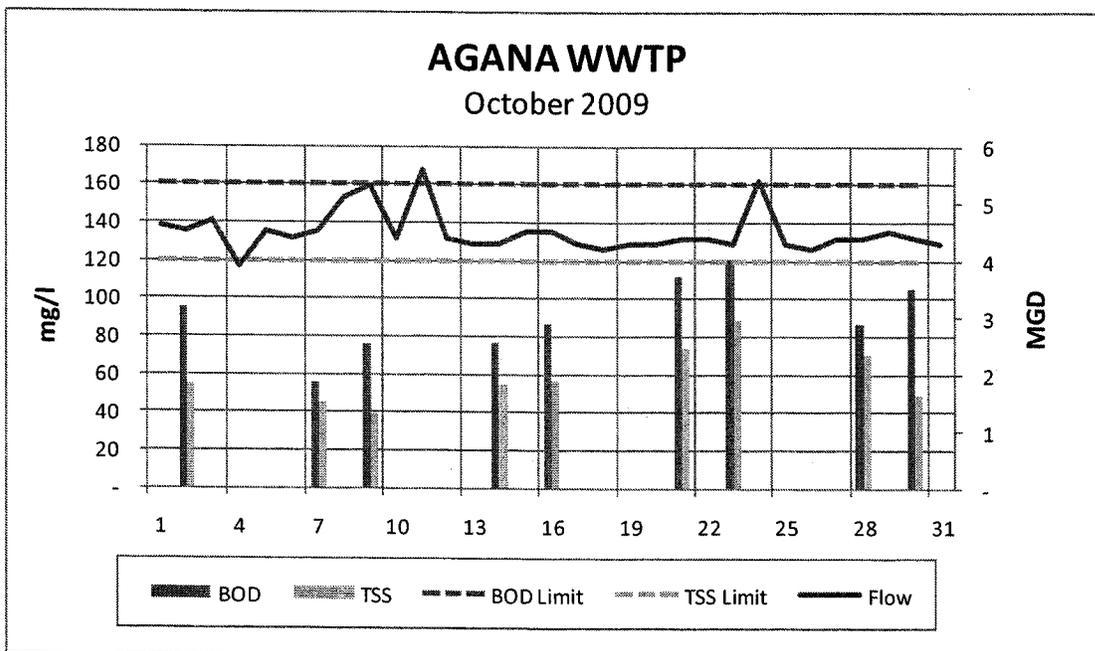
A handwritten signature in black ink, appearing to read "Michael Lee".

Michael Lee
Pacific Islands Office

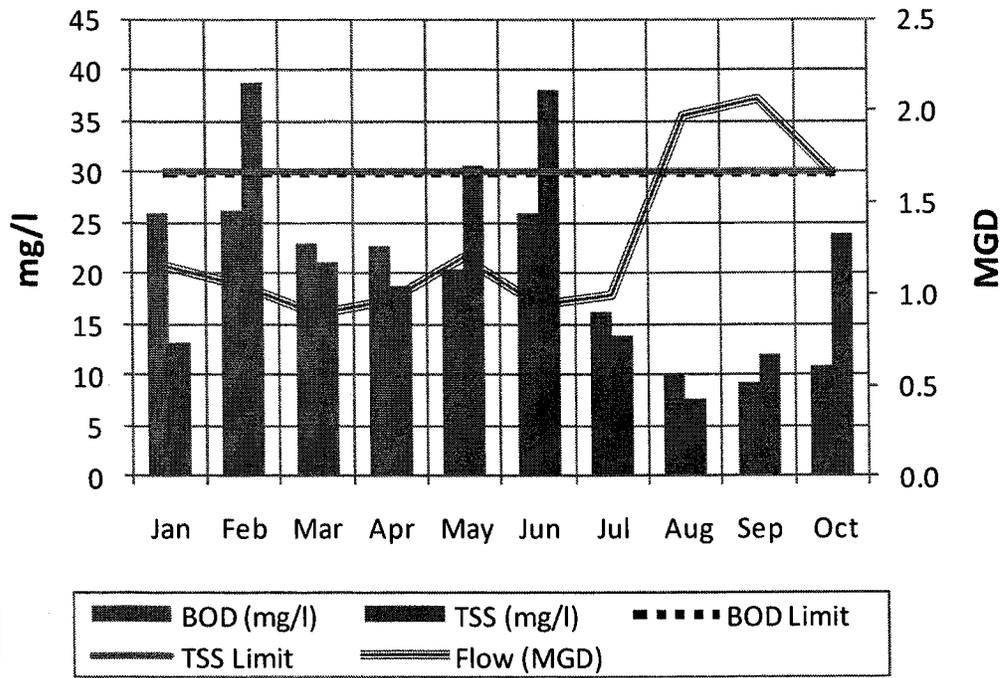
cc: J. Benavente, GWA
Don Antrobus, GWA
P. Kemp, GWA
M. Gawel, GEPA
M. Minas, GEPA
D. Eberhardt, USEPA
J. Jackson, USEPA ORC

EXHIBIT QQ

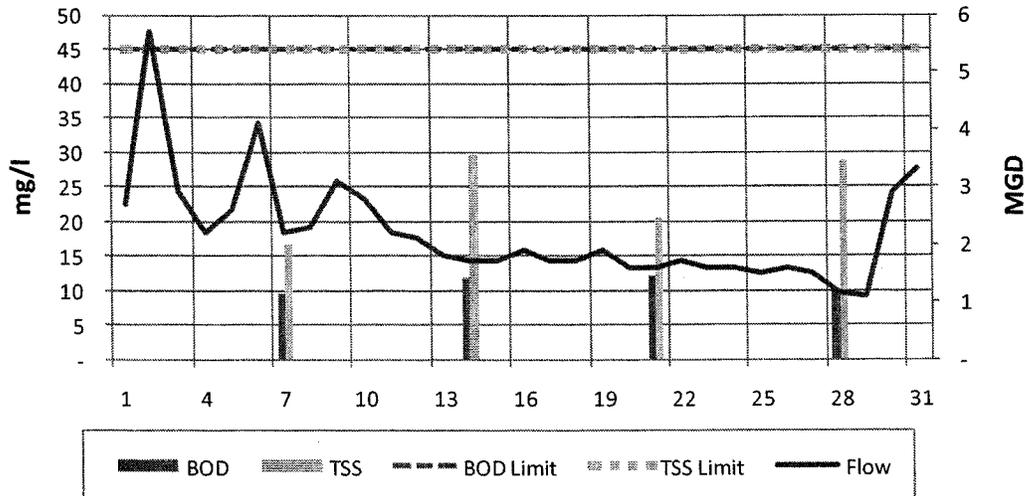
BIOLOGICAL OXYGEN DEMAND AND TOTAL SUSPENDED SOLIDS

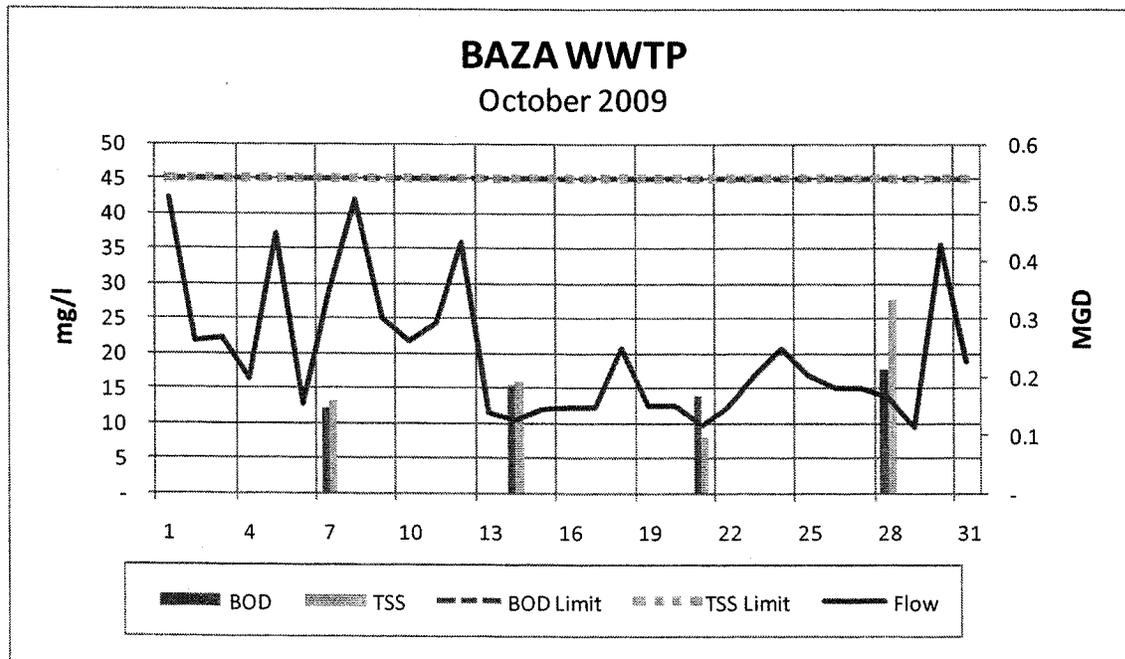
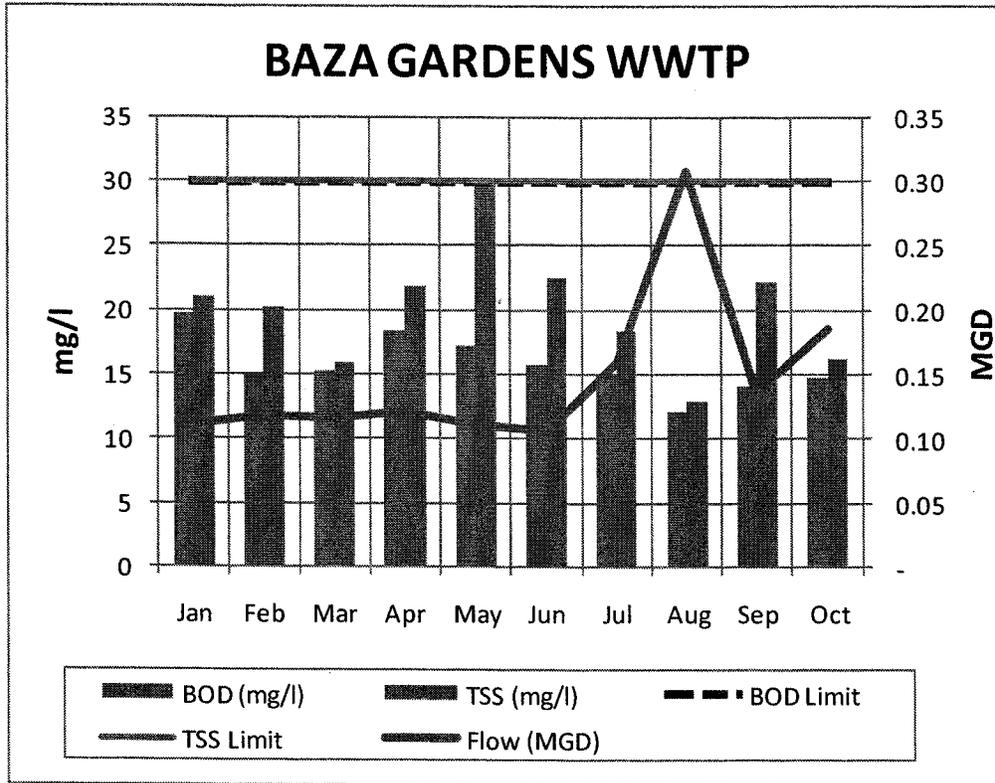


AGAT WWTP

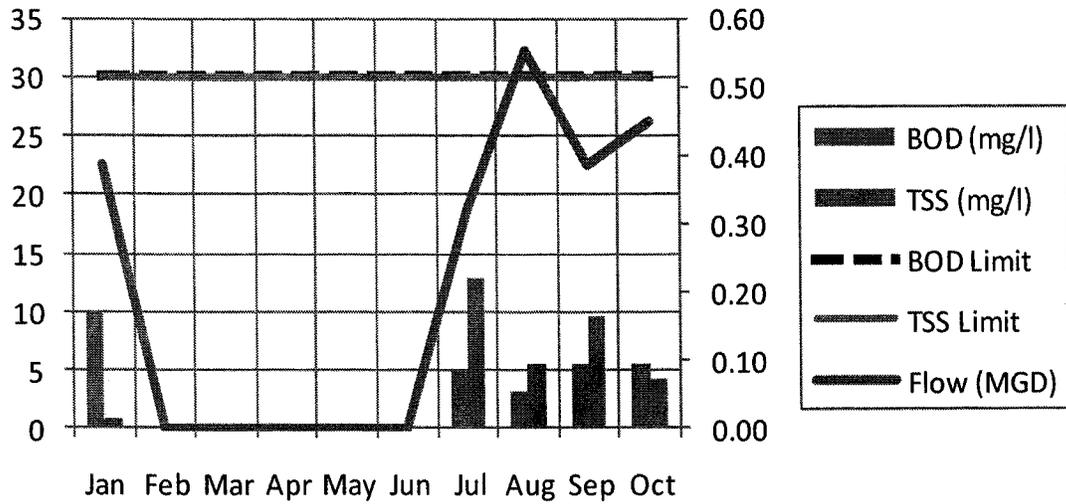


AGAT WWTP October 2009





UMATAC WWTP



UMATAC WWTP

October 2009

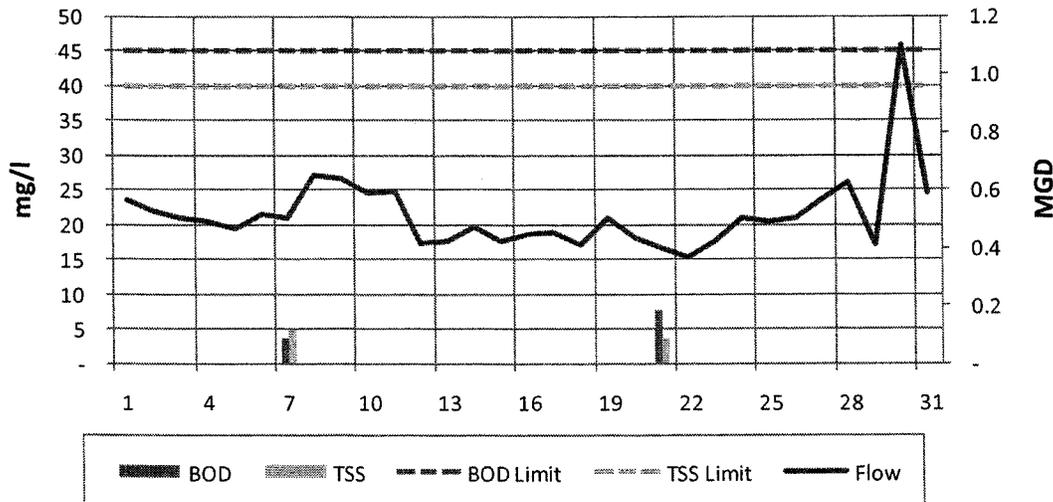


EXHIBIT RR

Julie Shane

From: Julie Shane [jshane@guamwaterworks.org]
Sent: Wednesday, November 18, 2009 10:39 AM
To: 'Lee.Michael@epa.gov'
Subject: RE: Pretreatment Guidelines

Thank you!

From: Lee.Michael@epa.gov [mailto:Lee.Michael@epa.gov]
Sent: Wednesday, November 18, 2009 4:28 AM
To: Julie Shane
Subject: Re: Pretreatment Guidelines

Julie,

I thought I noted that I had received but I guess not. I have forwarded it to our Water Division for their review.

Regards,
Mike

From: "Julie Shane" <jshane@guamwaterworks.org>
To: Michael Lee/R9/USEPA/US@EPA
Date: 11/16/2009 06:19 PM
Subject: Pretreatment Guidelines

Mike,

Didn't get a confirmation from you; did you get this draft last week?

Thanx,

Julie R. Shane, P.E.
Sr Engineer Supervisor, Wastewater
Guam Waterworks Authority
(671) 647-0492
Radio 1*23883

11/25/2009

EXHIBIT SS

COMMERCIAL WASTEWATER DISCHARGE SURVEY

Completion of this questionnaire is required for all GWA commercial account wastewater dischargers. Please mail in the completed form no later than May 15, 1999. A self-addressed, stamped envelope is included.

PLEASE TYPE OR PRINT LEGIBLY. (NOTE: GWA will follow-up incomplete and illegible questionnaires by phone or official letter. Should you have any questions or need assistance in completing this questionnaire, please call GWA's Planning Division at 479-7833 or 479-7605 between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday. Thank you for your cooperation and timely response.

1. NAME OF BUSINESS (as it appears on GWA account): _____

MAILING ADDRESS: _____

2. BUSINESS LOCATION (if different from mailing address): _____

3. YOUR PRINCIPAL SERVICE OR PRODUCT OF BUSINESS: _____

4. NAME OF INDIVIDUAL (WITHIN YOUR BUSINESS) WHO WE SHOULD CONTACT CONCERNING YOUR WASTEWATER DISCHARGE INTO THE PUBLIC SEWER:

NAME: _____

TITLE: _____

TELEPHONE NUMBER: _____

5. DO YOU DISCHARGE ANY NON-DOMESTIC WASTEWATER (FROM OTHER THAN WASHROOM, TOILET, OR SHOWER) INTO THE SEWER SYSTEM?

YES

NO (GO TO QUESTION #16)

DESCRIBE THE OPERATION(S) AT YOUR BUSINESS THAT RESULT(S) IN THE DISCHARGE TO THE SEWER OF NON-DOMESTIC WASTES. INCLUDE A DESCRIPTION OF RAW MATERIALS, CATALYSTS, OR INTERMEDIARIES, IF APPLICABLE. DESCRIBE ANY MANUFACTURING OPERATION AT THIS LOCATION. (ATTACH ADDITIONAL SHEETS AS NECESSARY):

7. DESCRIBE ANY WATER CONDITIONING PROCESSES USED AT THIS FACILITY (SUCH AS WATER SOFTENING, REVERSE OSMOSIS, FILTRATION):

8. INDICATE (BY CHECKMARK) OPERATION SHIFTS NORMALLY WORKED EACH DAY:

| SHIFT | START TIME | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-------|------------|-----|-----|-----|-----|-----|-----|-----|
| 1ST | | | | | | | | |
| 2ND | | | | | | | | |
| 3RD | | | | | | | | |

9. IS YOUR PRODUCTION SEASONAL?

YES

NO

10. CHECK THE TYPE WHICH BEST DESCRIBES YOUR WASTEWATER DISCHARGE FLOW:

CONTINUOUS

AVERAGE DAILY FLOW: _____ GALLONS PER DAY

INTERMITTENT

AVERAGE QUANTITY PER DISCHARGE: _____ GALLONS

AVERAGE NUMBER OF DISCHARGES PER DAY: _____

BATCH

AVERAGE QUANTITY PER DISCHARGE: _____ GALLONS

AVERAGE NUMBER OF DISCHARGES PER DAY: _____

11. INDICATE THE APPROXIMATE TIMES THAT DISCHARGES OCCUR:

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

12. DESCRIBE THE CHARACTERISTICS AND CONSTITUENTS OF YOUR WASTEWATER DISCHARGE(S). LIST THE CONCENTRATION (IN PERCENT OR MG/L) IF KNOWN:

13. DESCRIBE ANY TREATMENT FACILITIES AT YOUR BUSINESS THAT TREATS WASTEWATER PRIOR TO DISCHARGE TO THE SEWER:

14. ADDITIONAL INFORMATION ON YOUR OPERATION:

15. INDICATE IF ANY OF THE FOLLOWING CONSTITUENTS OR SUBSTANCES IS (OR CAN BE) PRESENT IN YOUR WATTEWER DISCHARGE AS A RESULT OF YOUR OPERATIONS BY PLACING IN FRONT OF EACH LISTED CHEMICAL COMPOUND:

- 1 = YOU SUSPECT THE COMPOUND IS ABSENT
 2 = YOU KNOW THE COMPOUND IS ABSENT
 3 = YOU SUSPECT THE COMPOUND IS PRESENT
 4 = YOU KNOW THE COMPOUND IS PRESENT

- | | | |
|--|--|---|
| <input type="checkbox"/> Acenaphthene | <input type="checkbox"/> Dioxine (2,3,7,8-TCDD) | <input type="checkbox"/> Fluorene (PAH) |
| <input type="checkbox"/> Acenaphthylene (PAH) | <input type="checkbox"/> Diphenylhydrazine 1,2 | <input type="checkbox"/> Fluoranthene |
| <input type="checkbox"/> Acrolein | <input type="checkbox"/> Alpha Endosulfan | <input type="checkbox"/> Heptachlor |
| <input type="checkbox"/> Acrylonitrile | <input type="checkbox"/> Beta Endosulfan | <input type="checkbox"/> Heptachlor Epoxide |
| <input type="checkbox"/> Aldrin | <input type="checkbox"/> Endosulfan Sulfate | <input type="checkbox"/> Hexachloroethane |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Endrin | <input type="checkbox"/> Hexachlorobenzene |
| <input type="checkbox"/> Anthracene | <input type="checkbox"/> Endrin Aldehyde | <input type="checkbox"/> Hexachlorobutadiene |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Ethylbenzene | <input type="checkbox"/> Hexachlorocyclohexane (lindan) |
| <input type="checkbox"/> Asbestos (Halomethanes) | <input type="checkbox"/> Chloroethane (Monochloroethane) | <input type="checkbox"/> Hexachlorocyclohexane (Alpha) |
| <input type="checkbox"/> 1,2 Benzanthracene (PAH) | <input type="checkbox"/> Chloroethyl Ether (Bis-2) | <input type="checkbox"/> Hexachlorocyclohexane (Beta) |
| <input type="checkbox"/> Benzene | <input type="checkbox"/> 1 Chloroethoxy Methane (Bis-2) | <input type="checkbox"/> Hexachlorocyclohexane (Delta) |
| <input type="checkbox"/> Benzidine | <input type="checkbox"/> 2 Chloroethyl Vinyl Ether | <input type="checkbox"/> Hexachlorocyclopentadiene |
| <input type="checkbox"/> Benzo (A) Pyrene | <input type="checkbox"/> 4-Chloro-3-Methylphenol | <input type="checkbox"/> Indeno (1,2,3-cd) Pyrene (PAH) |
| <input type="checkbox"/> (3,4-Benzo-Pyrene) (PAH) | <input type="checkbox"/> Chloromethane (Methyl Chloride) | <input type="checkbox"/> Isophorone |
| <input type="checkbox"/> 1,3,4 Benzofluoranthene (PAH) | <input type="checkbox"/> Chloroform Trichloromethane | <input type="checkbox"/> Lead |
| <input type="checkbox"/> Benzo (K) Fluoranthene (PAH) | <input type="checkbox"/> 2 Chlorophenol | <input type="checkbox"/> Mercury |
| <input type="checkbox"/> 1,12 Benzoperylene (PAH) | <input type="checkbox"/> Chloroisopropyl Ether (Bis-2) | <input type="checkbox"/> Naphthalene |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> 2 Chloronaphthalene | <input type="checkbox"/> Nickel |
| <input type="checkbox"/> Bromoform (Tribromomethane) | <input type="checkbox"/> 4-Chlorophenyl Ether | <input type="checkbox"/> Nitrobenzene |
| <input type="checkbox"/> Bromomethane (Methyl Bromide) | <input type="checkbox"/> Chromium (HEX) | <input type="checkbox"/> Di-N-Butyl Phthalate |
| <input type="checkbox"/> 4-Bromophenyl Phenyl Ether | <input type="checkbox"/> Chromium (TRI) | <input type="checkbox"/> Di-N-Octyl-Phthalate |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Oil / Grease (animal or vegetable origin) | <input type="checkbox"/> Pyrene (PAH) |
| <input type="checkbox"/> Carbon Tetrachloride | <input type="checkbox"/> Oil / Grease (mineral origin) | <input type="checkbox"/> Selenium |
| <input type="checkbox"/> (Tetrachloromethane) | <input type="checkbox"/> Petroleum or petroleum products | <input type="checkbox"/> Silver |
| <input type="checkbox"/> Chlordane | <input type="checkbox"/> Chrysene (PAH) | <input type="checkbox"/> Tetrachloroethane 1,1,2,2 |
| <input type="checkbox"/> Chlorobenzene | <input type="checkbox"/> Copper | <input type="checkbox"/> Tetrachloroethylene |
| <input type="checkbox"/> (Monochloro-Benzene) | <input type="checkbox"/> pH decrease | <input type="checkbox"/> Thallium |
| <input type="checkbox"/> Chlorodibromomethane | <input type="checkbox"/> pH increase | <input type="checkbox"/> Toluene |
| <input type="checkbox"/> (Halomethane) | <input type="checkbox"/> 4,4 DDT | <input type="checkbox"/> Toxaphene |
| <input type="checkbox"/> 1,2 Dichlorobenzene | <input type="checkbox"/> 4,4 DDE | <input type="checkbox"/> 1,2,4 Trichlorobenzene |
| <input type="checkbox"/> 1,3 Dichlorobenzene | <input type="checkbox"/> 4,4 DDD | <input type="checkbox"/> Trichloroethane 1,1,1 |
| <input type="checkbox"/> 1,4 Dichlorobenzene | <input type="checkbox"/> Dibenzo (a,h) Anthracene (PAH) | <input type="checkbox"/> Trichloroethane 1,1,2 |
| <input type="checkbox"/> 3,3 Dichlorobenzidine | <input type="checkbox"/> 2 Nitrophenol | <input type="checkbox"/> Trichloroethylene |
| <input type="checkbox"/> Dichloroethane 1,1 | <input type="checkbox"/> 4 Nitrophenol | <input type="checkbox"/> Phenol |
| <input type="checkbox"/> Dichloroethane 1,2 | <input type="checkbox"/> 4, 6-Dinitro-2-Methylphenol | <input type="checkbox"/> Pentachlorophenol |
| <input type="checkbox"/> 1,1 Dichloroethylene | <input type="checkbox"/> Nitrosodimenthylamine N | <input type="checkbox"/> Phenanthrene (PAH) |
| <input type="checkbox"/> 1,2-Trans-Dichloroethylene | <input type="checkbox"/> Nitrosodimenthylamine-N | <input type="checkbox"/> Bis (2 Ethyl Hexyl) |
| <input type="checkbox"/> Dichlorobromomethane | <input type="checkbox"/> Nitrosodi-N-Propylamine-N | <input type="checkbox"/> Phthalate |
| <input type="checkbox"/> Dichloromethane | <input type="checkbox"/> PCB 1242 | <input type="checkbox"/> Butyl Benzyl Phthalate |
| <input type="checkbox"/> (Halomethanes) | <input type="checkbox"/> PCB 1254 | <input type="checkbox"/> Trichlorophenol 2,4,6 |
| <input type="checkbox"/> 2,4-Dichlorophenol | <input type="checkbox"/> PCB 1221 | <input type="checkbox"/> Vinyl Chloride |
| <input type="checkbox"/> Dichloropropane 1,2 | <input type="checkbox"/> PCB 1232 | <input type="checkbox"/> (Chloroethylene) |
| <input type="checkbox"/> Dichloropropene 1,3 | Temperature decrease | <input type="checkbox"/> Zinc |
| <input type="checkbox"/> Dieldrin | - _____ F | |
| <input type="checkbox"/> Dimethylphenol 2,4 | Temperature increase | |
| <input type="checkbox"/> Diethylphthalate | + _____ F | |
| <input type="checkbox"/> Dimethylphthalate | <input type="checkbox"/> PCB 1248 | |
| <input type="checkbox"/> Dimethyltoluene 2,4 | <input type="checkbox"/> PCB 1260 | |
| <input type="checkbox"/> Dimethyltoluene 2,6 | <input type="checkbox"/> PCB 1016 | |
| <input type="checkbox"/> 2,4 Dinitrophenol | | |

OTHER COMPOUNDS NOT LISTED:

- _____

16. STATEMENT OF RESPONSIBILITY:

THIS IS TO CERTIFY THAT THE UNDERSIGNED RESPONSIBLE OFFICIAL REPRESENTING _____, IS FAMILIAR AND KNOWLEDGEABLE WITH QUESTIONS CONTAINED
(Company)
HEREIN, AND THAT THIS QUESTIONNAIRE HAS BEEN COMPLETED IN ITS ENTIRETY AND IS CERTIFIED TO BE
TRUE AND CORRECT TO THE BEST OF KNOWLEDGE AND ABILITY

NAME: _____
(Please print)
SIGNATURE: _____
DATE: _____
TITLE: _____

**GWA COMMERCIAL WASTEWATER
DISCHARGE SURVEY
RESULTS
(October 15, 1999)**

I. Points of Interest Regarding the Survey

- The survey questionnaires were mailed out to all GWA commercial wastewater account holders during the first week of April 1999.
- The survey questionnaires were to be completed and mailed back to GWA NLT May 15, 1999; self-addressed, stamped envelopes were provided.
- During the interim, several calls regarding the survey were made to GWA.

II. Statistical numbers

- Out of the approximately fifteen hundred (1500) surveys mailed out, three hundred sixty-six (366) were returned to GWA.
- When responding to the question "Do you discharge any non-domestic wastewater into the sewer system?" (survey question #5) - question that allowed respondents to forego the remaining survey questions and simply sign the acknowledgement on the last page - three hundred forty-six (346) replied "No" and twenty (20) replied "Yes."

III. Breakdown of the Principal Service or Product of Business that responded to the survey

Hotel water park
Hemodialysis center
Laundromat
Manufacturer of soft drinks, ice, bottle water
Dental clinic
Wholesale/Retail of Fresh Seafood
Restaurant/Food court (water softener)
Daycare center (water softener)
Newspaper publisher
Commercial building (water softener)
Diagnostic Laboratory
Optical Laboratory
Medical Clinic
Pharmacy