WATER CONSERVATION AND DROUGHT OR WATER SUPPLY EMERGENCY MANAGEMENT PLAN REPORT FOR LARGE VOLUME USERS

PERMITTEE: _____ PROGRAM INTEREST NO.: _____

CONTACT NAME: _____ DATE: _____

ADDRESS: _____

EMAIL ADDRESS: _____

TELEPHONE NO.: _____

Submit to: Mail Code 401-04Q
Bureau of Water Allocation & Well Permitting
P.O. Box 420
Trenton, New Jersey 08625-0420

See your Water Allocation Permit for your submittal schedule

NOTE: You must read and complete all sections of the worksheet. Your Water Allocation Permit requires water conservation and water management activities that you may not usually consider in this context but no section may be omitted.

Please discard your file copies of the previous worksheets and/or delete or update computerized forms. Your report must be submitted on an exact replica of this worksheet, either a photocopy or a computerized version, with the original kept on file for future reference. An incomplete worksheet will be returned to you. If there is not enough space provided for your information, additional pages should be used.

I. WATER CONSERVATION COMPONENTS

A. WATER SYSTEM

1. Allocation: _____ mgm, _____ gpm, _____ mgy

2. Sources of water:
   number of wells _____
   number of surface intakes _____
   bulk purchase _____ mgd, _____ mgm, _____ mgy

3. Metering: (circle one)

raw water source	Yes	No	NA
finished water	Yes	No	NA
to treatment system	Yes	No	NA
recharged water	Yes	No	NA
recycled water	Yes	No	NA

4. Date of last source meter calibration: _____

5. System Capacity: _____ mgd

   Storage Capacity: _____ mg

6. Pumping Schedule: ____ hours per day, ___ to ___.

7. Interconnections:

Name of System	Number	Size (inches)

use (circle one): potable emergency other (describe)

8. Monitoring wells (if any): list well permit numbers, local ID and depths (attach separate sheets).
   NOTE: DO NOT INCLUDE THE PRODUCTION WELLS LISTED ABOVE.

9. Source of potable supply (public water supplier, or well name/permit numbers, if self-supplied) _____

B. ANALYSIS OF WATER USE

1. Demand:
   Report demand from the most recent year for which you have complete data as the "Base Year". Note the years the data refers to where indicated.

USAGE	PEAK MONTH (mgm)	ANNUAL (mgy)
Base Year 20____		
Previous Year 20____		
Peak Year (of last 5) 20____		
Peak Year (of last 10) 20____		

PROJECTED USAGE	PEAK MONTH (mgm)	ANNUAL (mgy)
Next Year 20____		
5 Year 20____		

2. Type of Use:

Non-consumptive use means the use of water diverted from surface or ground water in such a manner that it is returned to the surface or ground water at or near the point from which it was taken without substantial diminution in quantity or substantial impairment of quality. Any other use is consumptive.

consumptive: _____%

nonconsumptive: _____%

3. Actual Use:

noncontact cooling _____%

process _____%

makeup _____%

contact cooling _____%

potable _____%

other (explain) _____%, _____

4. Attach a water balance.

Provide a simplified water balance which indicates source, general areas of water use, the amounts used in each, the percent consumptive for each, and the final destination for discharges, e.g. sewer, settling basin, etc.

C. WATER CONSERVATION PRACTICES

Do you currently use any water conservation devices? Yes No

(i.e. low flow faucets & shower heads, automatic shutoff valves, flow monitoring, etc.)

if Yes, list type(s): _____

_____

if Yes, list approximate water savings: _____ mgd

Do you currently reuse or recycle water? Yes No

if Yes, list type(s) and savings:

_____, ____ mgd

_____, ____ mgd

If No, could any be used in your operation? Yes No

list reasons for not using (i.e. cost, space, etc.)

_____

_____

Are work practices scheduled to minimize water use? Yes No

if Yes, list type(s) and savings:

_____, ____ mgd

_____, ____ mgd

if No, could any be used in your operation? Yes No

list reasons for not using (i.e. cost, space, etc.)

_____

_____

D. WORKER EDUCATION/AWARENESS

List methods employed to educate workers on methods to save water during day to day operations:

_____

_____

_____

Note: If more space is required for explanation please attach additional sheets as needed.

II. DROUGHT OR WATER SUPPLY EMERGENCY MANAGEMENT COMPONENTS

Note: This section should cover procedures you follow in event that your supply is diminished due to well failure, low surface water flow, or other localized interruption of your source of supply. The restrictions that apply when a drought emergency is declared by the Governor are not to be listed here.

A. ALTERNATE SUPPLIES

1. List storage and backup supplies

_____

_____

_____

2. List interconnections, agreements for their use, and a maintenance plan for testing valves and connections

_____

_____

_____

3. List possible alternate supply of a lesser quality

_____

_____

_____

B. ACTION PROCEDURES

1. List practical water use restrictions in the priority of their implementation (e.g. reduction or elimination of such water use as hosing floors, driveways and work areas, vehicle washing and landscape irrigation.

_____

_____

_____

2. List schedule changes in work areas to minimize need for washing between batches.

_____

_____

_____

3. List the estimated effect on production of curtailed water use in 5% increments.

_____

_____

_____

4. List other process or procedural modifications that are appropriate to your specific operation and a time table for their implementation.

_____

_____

_____