



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATERSHED MANAGEMENT

Self-Supplied Commercial and Industrial Water Users
 Drought Contingency Plan
 (4 Pa. Code Chapter 118.5)

PA Dept of Environmental Protection
 Division of Water Use Planning
 PO Box 8555
 Harrisburg, PA 17105-8555
 717-772-4048 FAX 717-787-9549

(NOTE: WHERE NECESSARY, ATTACH ADDITIONAL SHEETS REFERENCED BY ITEM NUMBER)

- 1) *Name, address and telephone number of the owner or operator of the facility and officers or other persons responsible for directing actions undertaken under the drought contingency plan.*

Company: _____

Name and Title: _____

Address: _____

Telephone No: _____ Fax: _____

E-mail Address: _____

- 2) *Normal employment levels and seasonal/temporary employment numbers.*

<i>Employment</i>	<i>Present</i>	<i>Last 12 mos. (avg)</i>	<i>Next 6 mos. (avg)</i>
<i>Normal</i>			
<i>Seasonal/Temporary</i>			

Peak period(s) for seasonal/temporary employees: _____

- 3) *Types of products produced with SIC code.*

Product: _____ SIC Code: _____

Product: _____ SIC Code: _____

Product: _____ SIC Code: _____

Product: _____ SIC Code: _____

Product: _____ SIC Code: _____

- 4) *A description of the processes utilizing water at the facility and respective amounts presently used in each process (e.g., processing, washing, cooling, inclusion in product).*

Process: _____ % used: _____

Process: _____ % used: _____

Process: _____ % used: _____

Process: _____ % used: _____

Process: _____ % used: _____

- 5) *A description, including locations and yields, of the ground and surface water sources used by the facility; also list service connections with public water supply agencies.*

Surface Water: (Stream, pond, etc.)

<u>Name</u>	<u>Location</u>	<u>Safe Yield (gpd)</u>
_____	_____	_____
_____	_____	_____

Ground Water: (well, quarry, spring, etc.)

<u>Name</u>	<u>Location</u>	<u>Safe Yield(gpd)</u>
_____	_____	_____
_____	_____	_____

Service Connections: (names of water suppliers) _____

- 6) *Identification of alternative sources of water if facility is required to reduce purchased water. Describe effects on existing permit conditions (if any).*

Alternative Source: _____

Permit Conditions: _____

Alternative Source: _____

Permit Conditions: _____

Alternative Source: _____

Permit Conditions: _____

- 7) *Previous monthly averages of total self-supplied and/or purchased water; consumptive use; evaporation losses; and recycled during the last 12 months (gpd). Also, previous monthly averages of any discharges from the facility (add additional columns as necessary for multiple discharge points).*

Previous 12 Months; Monthly Usages (gpd)	Total Self Supplied and/or Purchased Water Monthly Average	Consumptive Use Monthly Average	Evaporation Losses Monthly Average	Recycled Water Use Monthly Average	Facility Discharges Monthly Average From Point_____
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

- 8) *Projected monthly averages of total self-supplied and/or purchased water; consumptive use; evaporation losses; and recycled for the next 6 months (gpd). Also, projected monthly averages of any discharges from the facility (add additional columns as necessary for multiple discharge points).*

Projected 6 Months; Monthly Usages (fill in Month) (gpd)	Total Self Supplied and/or Purchased Water Monthly Average	Consumptive Use Monthly Average	Evaporation Losses Monthly Average	Recycled Water Use Monthly Average	Facility Discharges Monthly Average From Point_____

- 9) Previous peak monthly day rate water usage during the last 12 months of: total self supplied and/or purchased water; consumptive use; evaporation losses; and recycled water use (gpd). Also, previous peak monthly day rates of any discharges from the facility (add additional columns as necessary for multiple discharge points).

Previous 12 Months; Peak Monthly Day Rate Water Usage (gpd)	Total Self Supplied and/or Purchased Water	Consumptive Use	Evaporation Losses	Recycled Water Use	Facility Discharges From Point_____
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

- 10) Projected peak monthly day rate water usage for the next 6 months of: total self supplied and/or purchased water; consumptive use; evaporation losses; and recycled water use (gpd). Also, projected peak monthly day rates of any discharges from the facility (add additional columns as necessary for multiple discharge points).

Projected 6 Months; Peak Monthly Day Rate Water Usage (gpd)	Total Self Supplied and/or Purchased Water	Consumptive Use	Evaporation Losses	Recycled Water Use	Facility Discharges From Point_____

- 11) *A description of the methods and locations of discharges from the facility (Monthly averages and Monthly peak day rates for these discharges should be entered in the above tables).*

Method: _____ **Location:** _____

Method: _____ **Location:** _____

- 12) *A description of recycling and conservation measures previously undertaken to conserve water at the facility or to provide for water storage and releases; and other potential recycling and conservation measures that the facility has the ability to implement under emergency conditions.*

- 13) *On separate sheets of paper, describe a plan of actions which can be undertaken at the facility in response to drought or water shortage conditions (in addition to presently employed conservation measures) to achieve a phased reduction of total withdrawal and use by amounts of 5%, 15%, 25%, 35%, and 50% of the monthly rates of water withdrawal and use existing during non-drought periods. Also, describe, under each of the above phased reductions, what effect the reductions will have on:*

- ?? *Public health and safety (including fire protection and pharmaceutical processes)*
- ?? *Production (including effects on purchase of raw materials and especially effects on any food and raw fiber production or perishable raw or processed products)*
- ?? *Delivery of electric generation services*
- ?? *Employment and economics*