



WATER USE PERMIT APPLICATION

Commercial / Industrial Use Supplemental Form B



South Florida Water Management District
3301 Gun Club Road, West Palm Beach, Florida 33406 (561) 686-8800
www.sfwmd.gov/regpermitting

SECTION B1 – PARCEL/SITE INFORMATION

WATER USE PERMIT # (if application is for renewal or modification): _____

| Parcel/Site Name (each non-contiguous parcel or field) | Acres Owned/ Leased | Section(s), Township, Range (S_/T_S/R_E) | County Parcel Identification Number (or attach digital GIS Shape file) |
|---|---------------------------|--|--|
| | | | |
| | | | |
| | | | |
| TOTAL ACRES OWNED/LEASED | | | |

Submit a map showing (if available, provide items A through D in a District-approved electronic format, e.g. ESRI shapefile, Autocad, DXF, KMZ, or compatible GIS file):

- A. The project boundaries of the property owned or controlled by the permittee/applicant;
- B. All existing and proposed withdrawal point locations. Label all wells, pumps and culverts so they match the IDs provided in the Application form (Section IV - Sources of Water);
- C. A north arrow and map scale; and
- D. Labeled landmarks such as roads and political boundaries.

SECTION B2 – WATER USE INFORMATION

1. Check the categories below that most closely describe the type of activity associated with this permit application.

- | | |
|---|--|
| <input type="checkbox"/> Manufacturing / Processing | <input type="checkbox"/> Commercial / Specialty |
| <input type="checkbox"/> Food Processing | <input type="checkbox"/> Power Plant |
| <input type="checkbox"/> Beverage Processing | <input type="checkbox"/> Zoo / Attraction / Aquarium |
| <input type="checkbox"/> Aquifer Remediation | <input type="checkbox"/> Rock Washing |
| <input type="checkbox"/> Mining | <input type="checkbox"/> Other (describe) _____ |

2. Provide a detailed description of the type of business and/or operation.

SECTION B3 – WATER BALANCE

WATER BALANCE

Provide a water balance that shows the following information. The tables below may be used to assist in developing the water balance. The water balance may show the annual average and peak month quantities (in gallons per day) for sources, uses, losses and recycled water in a schematic diagram that portrays all steps in the process including those listed in Section B2. The total of all sources must equal the total of all uses, and the losses plus recycled water must equal the total of all sources. The water balance must include:

- A. All water sources (groundwater, surface water, rainfall, recycled water, reclaimed water, etc.);
- B. The amount of water entering and leaving each step in the process; and
- C. All water losses (e.g., evaporation, product water content, steam losses, etc.).

WATER BALANCE WORKSHEET TABLES

WATER SOURCES

Sources include wells, surface water, recycled water, public supply utilities, reclaimed water from public supply utilities, captured excess storm water (rainfall), etc. Sources total must equal uses total.

| List Sources: | Annual Average (gpd) | Peak Month (gpd) |
|-----------------------|---------------------------------|-----------------------------|
| | | |
| | | |
| | | |
| SOURCES TOTAL: | | |

RECYCLED WATER SOURCES

Recycled sources include recycled water sources (see “Water Sources”, above) and all reused water such as settling ponds, cooling ponds or water that is a byproduct of the industry.

| List Recycled Sources: | Annual Average (gpd) | Peak Month (gpd) |
|-------------------------------|---------------------------------|-----------------------------|
| | | |
| | | |
| RECYCLED TOTAL: | | |

WATER USES

Uses are water quantities entering and leaving each step in the process. These are uses listed in the two preceding tables dealing with water demand. Uses total must equal sources total.

| List Uses: | Annual Average (gpd) | Peak Month (gpd) |
|--------------------|---------------------------------|-----------------------------|
| | | |
| | | |
| | | |
| USES TOTAL: | | |

WATER LOSSES

Losses represent water lost through evaporation (from ponds or cooling towers), product content, pond infiltration, spray disposal, steam losses, waste entrainment, sewage or wastewater, off-site disposal, etc.

| List Losses: | Annual Average (gpd) | Peak Month (gpd) |
|----------------------|----------------------|------------------|
| | | |
| | | |
| | | |
| LOSSES TOTAL: | | |

SECTION B4 – REQUESTED WATER USE

1. Complete the requested water use table below. Provide projected water amount for each applicable use type and the water source(s) associated with the use type.

| Commercial/Industrial Use Type | Requested Amounts and Sources of Water (MGY ² /MGM ³) | | |
|--------------------------------|--|------------------------|------------------------|
| | Source 1 Name ¹ _____ | Source 2 Name _____ | Source 3 Name _____ |
| Manufacturing / Processing | / | / | / |
| Food Processing | / | / | / |
| Beverage Processing | / | / | / |
| Aquifer Remediation | / | / | / |
| Mining | / | / | / |
| Commercial / Specialty | / | / | / |
| Power Plant | | | |
| Zoo / Attraction / Aquarium | / | / | / |
| Rock Washing | / | / | / |
| Other _____ | / | / | / |
| Total | / | / | / |

¹ Provide the name of the water source. Examples include the Upper Floridan aquifer and the Biscayne Aquifer
² MGY = Million gallons per year of water to be withdrawn over a 12-month time period under a 1-in-10 year drought condition (i.e. 1,500,000 gallons each day/1,000,000 = 1.5 x 365 = 547.5).
³ MGM = Maximum million gallons per month of water to be withdrawn in any single month under the 1-in-10 year drought condition.

2. Provide a description of the methodology used to calculate the requested amounts for each commercial or industrial use listed in the table above. Attach additional sheets, if necessary.

SECTION B5 – WATER CONSERVATION

Please refer to District specific water conservation requirements, in the Applicant’s Handbook, Section 2.3.