

WATER USE PERMIT APPLICATION PUBLIC SUPPLY USE SUPPLEMENTAL FORM E

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WATER USE PERMIT APPLICATION PUBLIC SUPPLY USE SUPPLEMENTAL FORM E

This form is required for all applicants for Public Supply Water Use Permits (WUPs) for 100,000 gallons per day (gpd) or greater on an annual average basis, regardless whether the water is self-supplied or is obtained wholesale from another provider.

Provide documentation and references where appropriate. This information is requested in accordance with Chapter 373, Florida Statutes (F.S.) and Rules 40D-2.091, 40D-2.101 and 40D-2.301, Florida Administrative Code (F.A.C.).

Guidance and information to assist the applicant in the completion of this form are shown in italics. Circled guidance numbers (③, ②, etc) are provided to assist locating information to calculate proposed quantities. If additional space is required to answer any question, photocopy the appropriate page and complete the pertinent table or chart. Attach the extra pages to this application. For all purposes on this application, requested "current" information is for the most recent complete calendar year. Requested "projected" information is for the year at the end of the permit term.

PART I. GENERAL APPLICANT INFORMATION

Applicant: _____

Water Use Permit Number (if any): _____

Is this an application for a Wholesale Public Supply Permit? A Wholesale Public Supply Permit is required for those public water supply utilities that receive all water from other public supply permittees that the utility then supplies to its own customers, provided that the quantity received is an annual average of 100,000 gpd or more.

Yes No

If "yes," please note that the following parts of this supplemental form do not apply and may be skipped: **PART II, SECTION E Total Demand From Regulated Sources; PART VII, SECTION E Environmental Mitigation, and PART VIII, WELLFIELD OPERATION.**

Also, depending upon the Wholesale Public Supply WUP applicant's operation, the following parts of this supplemental form may not apply: **PART II, SECTION B Demand Provided Via A Non-Potable Distribution System and PART II, SECTION A Treatment Losses and PART VII, SECTION B-1 Treatment Losses**

A **public water supply utility** is considered to be what the Department of Environmental Protection (DEP) defines as a community water system: one that serves at least 15 service connections that are used by year-round residents, or one that regularly serves at least 25 individual year-round residents.

Under this definition, is this application being made for a public water supply utility? Yes No

If "yes," what is the Utility name (if different from applicant): _____

Whether or not the application is for a public supply utility, provide the following contact information:

Water Treatment Plant Facilities Contact

Name: _____ Title: _____

Telephone: (____) _____ E-mail: _____

Service Area Map Contact: Same as above, or

Name: _____ Title: _____

Telephone: (____) _____ E-mail: _____

PART II. PROJECTED DEMAND

In order to accurately calculate total demand, public supply applicants must identify the demand for each of the uses listed in this section. Information typically required to demonstrate reasonable demand for each component may include the number, type, and size of service connections; past monthly pumpage records by use type; projected permanent and temporal population data for the service area; data on the specific uses; development projections; and data specific to the forecasting models used. Demand quantities should be based on quantities required by end-use customers and water losses, not withdrawal quantities. The quantities must be expressed in average annual gallons per day for each component of demand.

Complete each section that is applicable to the projected water demand from ground water, surface water bodies, and from captured excess stormwater. Do not include demand met with reclaimed water (such as residential irrigation).

Projected Demand Year: _____ (last year of existing permit term for modifications, or end year permit term for new and renewal applications.)

SECTION A. DEMAND TO BE SUPPLIED BY POTABLE WATER

Residential Demand Table

| Demand Type | Current | | | Projected | | |
|--------------------------------|----------------|-------------|----------------------|----------------|-------------|----------------------|
| | Dwelling Units | Connections | Annual Average (gpd) | Dwelling Units | Connections | Annual Average (gpd) |
| Residential Single Family | | | | | | |
| Residential Multi-Family | | | | | | |
| Mobile Home | | | | | | |
| Separately Metered Irrigation* | | | | | | |
| Totals: | | | | | | |

* Indicate the quantities that are or will be supplied from the potable distribution system through individual irrigation meters or through master irrigation meters to residences. If these quantities are not separately metered, include residential irrigation in the appropriate Residential water demand(s).

- Documentation of data sources and calculations is attached.
- Check here if potable or non-potable water for lawn and landscape irrigation associated with single family, multi-family and mobile home residences is provided by one or more separate entities via centralized irrigation systems and complete the table below:

| Provider Name | WUP No. (if any) | Acres | Annual Average gpd Provided |
|---------------|------------------|-------|-----------------------------|
| | | | |
| | | | |
| | | | |
| Total: | | | |

Whether or not such entities have a water use permit for this use, all water supplied by a separate entity for this use must be included as imported water in **PART VII PROPOSED ALLOCATION**, even though the applicant may not have an import agreement with the supplier. For those portions where the irrigation water is supplied by an entity that is not required to have a water use permit under Chapter 40D-2, F.A.C., you must supply an aerial photograph (you may use the District's GIS) with the lawns and landscape acreage delineated that are serviced by these non-WUP entities.

- Aerial photograph attached.

Nonresidential Demand Table

| Row | Demand Type | Current | Projected |
|-----|-------------|---------|-----------|
|-----|-------------|---------|-----------|

| | | Number of Connections | Annual Average (gpd) | Number of Connections | Annual Average (gpd) |
|----|---|-----------------------|----------------------|-----------------------|----------------------|
| 1 | Commercial/Industrial | | | | |
| 2 | Commercial/Industrial Irrigation ¹ | | | | |
| 3 | Recreation/Aesthetic Irrigation ² | | | | |
| 4 | Common Area Irrigation ³ | | | | |
| 5 | Fire Flow ⁴ (indicate total here; optional for detail) | | | | |
| 6 | <input type="checkbox"/> Annual Fire Flow | | | | |
| 7 | <input type="checkbox"/> Hydrant Testing | | | | |
| 8 | <input type="checkbox"/> Cleaning/Maintenance | | | | |
| 9 | <input type="checkbox"/> Required Standby Capacity | | | | |
| 10 | Treatment Loss by Method ⁵ | | | | |
| 11 | <input type="checkbox"/> Aeration | | | | |
| 12 | <input type="checkbox"/> Sand Filtration | | | | |
| 13 | <input type="checkbox"/> Reverse Osmosis | | | | |
| 14 | <input type="checkbox"/> Electrodialysis Reversal | | | | |
| 15 | <input type="checkbox"/> Other (describe below) | | | | |
| 16 | Subtotal Treatment Losses: | | | | |
| 17 | Water Utility Use ⁶ | | | | |
| 18 | Line Flushing ⁷ | | | | |
| 19 | Water Loss ⁸ | | | | |
| 20 | Totals: | | | | |

Other Treatment Method: _____

- ¹ Commercial/Industrial/Institutional Irrigation – For accounts where potable water is provided for irrigating lawn and landscape and is separately metered from the water used for the business. If not, include commercial/industrial/Institutional irrigation under general Industrial Commercial demand.
- ² Include here if the Landscape/Recreation customer is serviced with potable water and has a separately metered irrigation account. General Landscape/Recreation irrigation is for cemeteries, theme parks, water parks, and sports playing fields. Use the **Landscape/Recreation Supplemental Form** to determine and verify annual average quantities for projected irrigation based on acreage and submit it with this application. Non-metered water provided for general enjoyment of residents is included in common areas (see below).
- ³ Common areas are areas that are designated for common use or enjoyment including entranceways, parking lots and areas around buildings, irrigated areas within roadway right-of-ways (e.g., road and sidewalk medians), open spaces, community areas (such as community club house grounds, tennis courts, playgrounds, etc.) and public parks. If irrigation of common areas is included on this application, the applicant must answer questions in **SECTION C. COMMON AREA IRRIGATION**, below.
- ⁴ Fire Flow – If water for fire suppression and testing is provided from the potable water source, include the quantities in this table. Attach documentation of the quantities needed. If water for fire suppression and testing is provided from the non-potable source, include the information in the table below.
- ⁵ Treatment Losses – The difference between the quantity of water coming into the water treatment plant and the quantity of water leaving the plant (identified in the treatment plant specifications) plus line flushing losses greater than 1% of plant output. Choose as many methods that apply and quantify the treatment losses per method.
- ⁶ Water Utility Use – Uses inside treatment facility (tank cleaning, meter calibration tests, etc., excluding line flushing).
- ⁷ Line Flushing – Treated water used to flush distribution lines to maintain design water quality levels.
- ⁸ Water Loss – Total water plant output (metered) minus accounted uses (estimated or metered). If accounted uses are estimated, provide a description of the estimation process. See Chapter 3, Section 3.6, Part B, Water Use Permit Information Manual for a full description of Water Losses.

SECTION B. DEMAND PROVIDED VIA A NON-POTABLE DISTRIBUTION SYSTEM

Indicate whether the utility provides non-potable water to customers in the service area via a distribution system that is separate from the one used to supply potable water. This water may or may not be treated to improve its quality, but is not treated to potable standards. Do not include demand met with reclaimed water in this section.

Yes No *Skip to SECTION C.*

If "yes," indicate use and which withdrawal points are used in the table below:

| Use | District ID | Owner ID | Annual Average Quantities(gpd) | |
|---|-------------|----------|--------------------------------|-----------|
| | | | Current | Projected |
| Industrial | | | | |
| Cooling (all types) | | | | |
| General Recreation/Aesthetic ¹ | | | | |
| Residential Irrigation ² | | | | |
| Common Area Irrigation ³ | | | | |
| Industrial or Commercial Irrigation | | | | |
| Golf Course Irrigation | | | | |
| Fire Flow | | | | |
| Other (describe): | | | | |
| Total: | | | | |

- ¹ General Landscape/Recreation use includes water used at cemeteries, theme parks, water parks, and sports playing fields, etc., not including golf course irrigation. For projected water demand, utilize the Landscape/Recreation Supplemental Form and submit it with this application.
- ² Lawn and landscape irrigation associated with dwelling units that is provided from the non-potable distribution system.
- ³ See definition in SECTION A above. If irrigation of common areas is included, the applicant must answer questions in SECTION C, below.

SECTION C. COMMON AREA IRRIGATION

1. **Information Required:** Complete the table below with information on each community's or development's common area acreage to be irrigated. In column B, indicate whether the predominant source of water is ground water (GW), surface water (SW), stormwater captured in impoundments created specifically for the capture of excess stormwater, (ST), reclaimed water (RC), reuse water other than reclaimed or stormwater (RU), or other entity (OT) if the irrigation water is provided by a separate entity. In this last case, indicate in column C the water use permit number for that separate entity. If the entity does not have a water use permit, put "N/A". Quantities supplied by other entities will not be permitted on this permit but will be included in per capita calculations.

| A | B | C | D | E | F | G | H |
|-------------------------------|-----------------|--------------------------|---|--------------------|---------|--|-----------------------------|
| Development or Community Name | Source of Water | If Other Entity, WUP No. | Existing or Proposed ¹ (E / P) | S-T-R ² | Acreage | Annual Average Quantities ³ (gpd) | Peak Month Quantities (gpd) |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

- ¹ Indicate whether the common area acreage already exists (E) or if it is proposed (P).
- ² Predominant Section(s)-Township-Range where the common area acreage is located.
- ³ Reasonable-beneficial quantities required.

Provide in an attachment the monthly meter data in comma delimited format if the water used for irrigation of common areas is metered. If it is not, explain in an attachment how communities are billed for the use.

Attached

2. **Conservation Requirements:** Non-governmental applicants for water supply for a residential development shall submit an attachment that demonstrates that irrigation of common areas is, or will be, minimized and that the following practices are utilized for both existing and proposed common areas:

- a. Alternative water supplies are used to the maximum extent that is technically, environmentally and economically feasible.

- b. The irrigated acreage of common areas is or will be minimized through the use of vegetation that require minimal supplemental irrigation, where practical.
 - c. The local government responsible for the issuance of building permits for the project has adopted an ordinance incorporating the principles of Florida-friendly landscaping; or, the applicant will implement Florida-friendly landscaping consistent with section 373.185, F.S.
 - d. Irrigation systems are limited to high efficiency systems with properly installed, maintained and operational rain or soil moisture sensor shutoff devices. Irrigation systems are properly maintained and incorporate the standards set forth in the Landscape Irrigation and Florida Friendly Design Standards, dated December 2006, developed pursuant to Section 373.228(4), F.S., and incorporated herein by reference. The Standards are available upon request from the District and at www.dep.state.fl.us.
- Documentation attached.
- N/A. The applicant is a governmental entity.

Note: For residential developments where all or a portion of the indoor and outdoor use is supplied by another entity (imported), the quantity allocated for irrigation shall not exceed the quantity that, in combination with the imported quantity, is within the allowable per capita limitation for public supply use for that development.

SECTION D. EXPORTED WATER — CURRENT AND PROJECTED

- There are no exports on this permit. Skip to **SECTION E.**

Provide the total annual average quantities of water currently exported in bulk and projected to be exported in bulk to other entities outside of the service area. Details are requested later in this application.

Current: _____ gpd **Projected:** _____ gpd

SECTION E. ANNUAL AVERAGE DEMAND MET WITH REGULATED SOURCES

Summarize the demand from Sections A, B and D above with respect to the source of the water used to meet the demand.

- Not applicable. This is a wholesale public supply utility (there are no withdrawal quantities requested from ground water, surface water or stormwater sources).

Summarize the demand quantities from the applicant's regulated sources (ground water, surface water and stormwater). Separate these quantities according to source type. Do not include imported, reclaimed water, sea water, or other alternative water supplies; they are included in the next section. Include desalination of ground or surface water having a total dissolved solids concentration less than 10,000 mg/l in the appropriate ground water or surface water category.

| Regulated Source Types | Current | Projected |
|----------------------------|--------------------|--------------------|
| | Annual Average gpd | Annual Average gpd |
| Ground Water | | |
| Surface Water ¹ | | |
| Stormwater ² | | |
| Total: | | |

¹ Rivers, streams, canals, inline reservoirs, or lakes. Stormwater captured in natural water bodies is considered surface water.
² Show only quantities captured in impoundments created specifically for the capture of excess stormwater.

SECTION F. ANNUAL AVERAGE DEMAND MET WITH NON-REGULATED SOURCES

This category includes reclaimed water used to meet demand regardless of whether it is self-supplied or externally supplied. Imported water is water currently supplied and projected to be supplied in bulk from other entities, including water that is received from other permittees with which they have interconnected service areas. Utilities that provide water for only indoor residential potable use (for example, due to the presence of a withdrawal point or withdrawal points owned or operated by another entity, including the community being supplied) are to show these externally

supplied quantities as imports. Include seawater desalination in this category if quantities are derived from the Gulf of Mexico, bay or other water body continuously open to the Gulf of Mexico having a total dissolved solids concentration greater than or equal to 10,000 parts per million. Desalination of saline to brackish water with less than this concentration total dissolved solids is regulated and should be included in **SECTION E**, above, in the appropriate ground water or surface water category.

Not applicable; if there are no quantities in this category, skip to **SECTION G**.

TABLE A

| Row | 1 Non-Regulated Source Types | 2 | 3 |
|-----|---------------------------------|----------------------------------|------------------------------------|
| | | Current Annual Average gpd | Projected Annual Average gpd |
| 1 | Reclaimed Water | | |
| 2 | Imported Water | | |
| 3 | Seawater (desalinated) | | |
| 4 | Total: | | |

TOTAL PROJECTED DEMAND: Add the projected totals from **SECTIONS E and F:** _____ gpd ①

SECTION G. PEAK MONTH DEMAND

Peak Month is the amount of water required during the highest water use month divided by the number of days in that month. It is also the quantity that is analyzed for withdrawal-related impacts; therefore, the permitted peak month total are those quantities withdrawn from the regulated resources during the highest use month.

1. **Existing Permittees:** In order to determine peak month daily demand, the highest monthly quantity actually used (from all sources including imported water in gallons per day) for the previous five years is divided by the annual average daily use for that same year to derive a coefficient for projecting peak month water demand.

- a. Highest monthly use: _____ gpd Month/Year: _____
- b. Annual average use for same year: _____ gpd
- c. Peak monthly water use coefficient (a ÷ b): _____
- d. Provide documentation and calculations for the peak month proposed quantities.

Attached

2. **New Applicants:** A maximum peak monthly water use coefficient of 1.12* can be used to predict peak monthly water demand for new applicants. If a higher peak month water use coefficient is used, the applicant must submit documentation for the higher value.

* Derived from Table A4 in "Estimated Water Use, 2006", SWFWMD

Water use coefficient if other than 1.12 is used: _____

Documentation attached.

3. **Peak Month Daily Quantities:** Multiply the total projected annual average quantity from regulated sources calculated in **Section E** on the previous page by the peak month water use coefficient: _____ gpd

PART III. FUNCTIONAL POPULATION

SECTION A. CURRENT FUNCTIONAL POPULATION

1. Existing Permittees:

Use the previous calendar year Functional Population from the Annual Report: _____ persons. ②

2. New Applicants:

If this is a new application, Current Functional Population = 0. If this is a new application because the previous permit expired, use the previous calendar year Functional Population from the Annual Report submitted for the previous permit: _____ persons. ②

SECTION B. PROJECTED FUNCTIONAL POPULATION

Applicants can use the District and Utility Demographics method in Table A to determine the projected population for the end of the permit or can use their own methodology in Table B to determine the components of their projected functional population and follow directions in the *Water Use Permit Applicant's Handbook Part B*.

1. District and Utility Demographics Method: (Requires web access.) The District's demographics methodology is provided on the District's website (www.watermatters.org/data/demographics). On the web page, go to "GIS Model Population Projections." The applicant must verify that its service area is the same as depicted on the District's GIS Service Area layer. Complete the worksheet at the website and input the answers into Table A below.

Table A

| SERVICE AREA PROJECTED FUNCTIONAL POPULATION | | | | |
|--|--------------------------------|---------|--------------|-----------------------------|
| Year | Residential Permanent/Seasonal | Tourist | Net Commuter | Total Functional Population |
| | | | | ② |

Print and annotate the web spreadsheet with applicant name, WUP application number and the **original District file name** (which contains the date), and attach to this application.

Demographics spreadsheet is attached; other documentation is not required.

2. Applicant Method: (See *Water Use Permit Information Applicant's Handbook*.) Attach a description of the methodology used for all components of the projected functional population and document the source for the data. Summarize the population components in Table B below for the year at the end of the permit term.

Table B

| PROJECTED POPULATION COMPONENTS | | | | | Total Functional Population |
|---------------------------------|----------------------|---------------------|--------------------|---------------------|-----------------------------|
| Year | Permanent Population | Seasonal Adjustment | Tourist Adjustment | Commuter Adjustment | |
| | | | | | ② |

Data source of components for projected functional population: _____

Attach the calculations made for each adjustment.

PART IV. FIVE-YEAR AVERAGE PER CAPITA RATE

SECTION A. NEW APPLICANTS

New Applicants will calculate a projected Unadjusted Gross Per Capita and use it if it is less than 150 gpd: **Skip to PART VII PROPOSED ALLOCATION, SECTION H.**

SECTION B. EXISTING PERMITTEES

Because per capita rates can fluctuate in the short term, the District uses a five-year average of the compliance per capita rates to determine permitted quantities. In the table below, these five years are presented as "t" for the previous full calendar year, and t-1, t-2, t-3 and t-4 for the four previous years.

Available deductions to the per capita rate varied by location in the District prior to 2009; therefore, the applicant may utilize current deductions (given in detail for the projected compliance per capita in **PART VII. PROPOSED ALLOCATION**) to recalculate compliance per capita for each year that is used to calculate the five-year average. If additional deductions are not taken, enter zeros in the "Sum of Documented Additional Deductions" column.

| Time | Year | Lowest Per Capita Submitted* | Sum of Documented Additional Deductions | Adjusted Previous Compliance Per Capita** |
|----------------------------|------|------------------------------|---|---|
| t | | | | |
| t-1 | | | | |
| t-2 | | | | |
| t-3 | | | | |
| t-4 | | | | |
| Five-Year Average** | | | | |

* The lowest per capita rate submitted by the applicant on previous public supply survey forms (unadjusted, adjusted or compliance per capita rates).

** Documentation of any additional deductions and calculations of adjusted compliance per capita rates must be attached if they were incorporated into the the adjusted previous compliance per capita.

PART V. LOW PERMANENT PERSONS PER HOUSEHOLD

If there are fewer than 2.01 permanent persons per household (PERMPPH) in the service area, and the five-year average compliance per capita rate calculated in **PART IV** is greater than 150 gpd, an adjustment to the projected population can be made to compensate for this. The applicant can calculate the PERMPPH using the District website or calculate PERMPPH per instructions in Part D of the Water Use Permit Information Manual. The website has a worksheet found under the subheading "Population Data by Utility Service Area" at www.watermatters.org/data/demographics.

1. Permanent Persons Per Household (PERMPPH):

Check the box to indicate how Persons Per Household was calculated and provide the new Permanent Persons Per Household number.

- From the District website (PERMPPH) = _____
- Calculated by applicant: _____ (copy of appropriate worksheets must be attached)
 - Attached

If the permanent persons per household number is less than 2.01, continue. If it is greater than or equal to 2.01, an adjustment to the function population is not allowed.

2. Recalculate Projected Functional Population: The method to adjust the projected functional population is dependent upon the method used by the applicant to determine the projected functional population. The adjustment may not be applied to non-permanent residents. Check the box on the next page to indicate which method was used.

- a. **Projected Population Based Method** – If the population projection methodology isolates the permanent population, then that portion of the projected permanent population may be increased by the ratio of 2.01 to PERMPPH (2.01 divided by PERMPPH) for existing service areas, or 2.01 divided by the projected permanent persons per household for new service areas.
- b. **Projected Dwelling Unit Method** – If the population projection methodology is based on multiplying the projected number of dwelling units times permanent persons per household, a value of 2.01 may be used in calculating the projected permanent residential population.

Recalculated Functional Population: _____ ② persons – This number can be used in the **PART VII, SECTION H**, Table H, Column C, Line 2 to calculate Total Requested Withdrawal quantities.

PART VI. ALLOWABLE COMPLIANCE PER CAPITA

The proposed annual average allocation quantities will be based on the projected functional population times an Allowable Compliance Per Capita (CPC) that was calculated using historic use in **PART IV** for the duration of the permit plus a quantity that is equal to the allowable deductions and adjustments itemized in **PART VII PROPOSED ALLOCATION**. **New applicants, skip this section.**

SECTION A. FIVE-YEAR AVERAGE CPC = 150 GPD OR LESS

If the five-year average CPC rate calculated in **PART IV, FIVE-YEAR AVERAGE PER CAPITA RATE** is less than or equal to 150 gpd, then the Allowable CPC is equal to the five-year average CPC. ③

Note: An "Alternative Allowable Compliance Per Capita" is available to applicants having a five-year average CPC less than or equal to 150 gpd in **PART VII PROPOSED ALLOCATION, SECTION J**, if the quantity calculated using the five-year average CPC plus allowable deduction is less than the total substantiated projected annual average demand quantities derived in **PART II, SECTION F**. **Skip to PART VII, PROPOSED ALLOCATION.**

SECTION B. FIVE-YEAR AVERAGE CPC IS GREATER THAN 150 GPD

1. **If the expiration date is prior to 2019:** The Allowable CPC will be determined for the year the permit expires by linear interpolation of per capita rates between the permittee's five-year average CPC in 2009 and 150 gpd per capita required in 2019. Should this application be approved, the permittee will be expected to meet the diminishing CPC rate each year over the term of the permit according to slope of the line connecting the initial CPC to the required allowable CPC, as reported in the Annual Report. The equation for this interpolation is:

$$\text{Allowable CPC} = 2009_{\text{CPC}} - \left(\frac{2009_{\text{CPC}} - 150}{10} \times [\text{YYYY} - 2009] \right) / 10 = \text{_____ gpd } ③ \text{ where:}$$

- 2009 five-year average compliance per capita = $2009_{\text{CPC}} = \text{_____ gpd}$ (The applicant is to calculate this according to the method given in **PART IV FIVE-YEAR AVERAGE PER CAPITA RATE** above.)
- 2019 compliance per capita = 150 gpd
- YYYY = Permit expiration year

Example: If the 2009 five-year average compliance per capita (2009_{CPC}) was **187.5** and the anticipated expiration date of the permit is **2017**, then:

$$\text{Allowable CPC} = 187.5 - \left(\frac{187.5 - 150}{10} \times [2017 - 2009] \right) / 10 = 157.5 \text{ gpd}$$

2. **If the expiration date is 2019 or later:** If the permit expires in 2019 or after 2019, the Allowable CPC used to calculate quantities is set to 150 gpd ③; however, per capita compliance will be against a diminishing CPC rate over time according to the linear interpolation between the 2009 five-year average compliance per capita and 150 gpd.

In the event that the provisions of setting the Allowable Compliance Per Capita conflict with provisions of a permit or consent order existing as of 2009, the terms of the permit or consent order shall prevail. However, a permittee may request a modification of the permit condition or consent order in order to apply this section in lieu of the applicable permit condition or consent order provision.

PART VII. PROPOSED ALLOCATION

New Applicants, skip to SECTION H. It is in the interest of the applicant to identify and document existing and projected allowable deductions. If not accurately identified and documented, sufficient quantities may not be permitted. All water quantities in the calculations below are averages in gallons per day. The annual average daily allowable withdrawal quantities shall be calculated using the following formula for the expiration year of the permit in **SECTION H** of this **PART VII**:

$[(\text{Projected functional population}) \times (\text{allowable per capita rate})] - \text{projected imports} + \text{projected exports} + \text{projected significant use deductions} + \text{projected golf course deductions} + \text{projected environmental mitigation deductions} + \text{projected stormwater deductions} + \text{projected reclaimed water deductions} = \text{SUBTOTAL WITHDRAWALS.}$

TOTAL ALLOWABLE WITHDRAWAL QUANTITY = SUBTOTAL WITHDRAWALS + [Subtotal withdrawals x projected treatment loss percentage] + [no more than 1% of the treated water volume for flushing distribution lines for potability]

Complete **SECTIONS A – G** on the following pages to determine the values for the components of this equation.

SECTION A – IMPORTS AND EXPORTS

There are no imports/exports on this permit. Skip to **SECTION B**.

1. Provide information on the amounts of water imported and exported annually. (The totals should match the totals given in **PART II, PROJECTED DEMAND**) Indicate whether it is potable (**P**) or non-potable (**N**) in the second column.

| Supplier Name | P or N | WUP No. (if any) | Contact Person | (Area Code) Telephone Number | Annual Average Quantities Imported (gpd) | |
|------------------------|--------------|---------------------|----------------|------------------------------------|---|-----------|
| | | | | | Current | Projected |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| ④ Total Imports | | | | | | |

| Receiver Name | P or N | WUP No. (if any) | Contact Person | (Area Code) Telephone Number | Annual Average Quantities Exported (gpd) | |
|------------------------|--------------|---------------------|----------------|------------------------------------|---|-----------|
| | | | | | Current | Projected |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| ⑤ Total Exports | | | | | | |

2. **Export Agreements:** Applicants supplying wholesale customers must require their customers to provide certain information so that the applicant can submit accurate information to the District in the Annual Report.
- a. Provide a written agreement from each wholesale customer that does not have its own wholesale public supply water use permit, that it will abide by the water conservation terms and conditions of this permit and provide water demand and water use data as necessary for annual reports.
 - An export agreement from each export customer is attached.
 - Not applicable; there are no exports to customers that do not have their own wholesale public supply water use permit.

- b. Provide a written agreement from each wholesale customer that has its own wholesale public supply water use permit, that it will provide the applicant with water demand data as necessary for annual reports.
 - Export agreement from each export customer is attached.
 - Not applicable; there are no exports to customers that have their own wholesale public supply water use permit.

SECTION B. TREATMENT LOSS – CURRENT AND PROJECTED

Treatment loss is the difference between the amount of water entering the water treatment plant (as measured at withdrawal points) and the amount of water leaving the plant plus up to 1% of the treated water volume delivered to the distribution system for flushing distribution lines for potability.

1. **Water Treatment Plant Losses:** Complete the table below to determine treatment losses associated with treatment plants that treat for potability as well as for treatment plants that treat water but not up to potability standards. "Current" refers to the previous full calendar year and "Projected" refers to the anticipated last year of the permit term. The projected treatment losses can be calculated using the ratio of current losses to current volume into the treatment plant times the projected volume into the treatment plant. If quantity leaving plant is not monitored, put N/A.

| | A | B | C | D | E | F |
|-----|--------------------|-------------|--|---|--|---|
| Row | Level of Treatment | Time Period | Annual Average Volume Entering the Treatment Plant (gpd) | Annual Average Volume Leaving the Treatment Plant (gpd) | Quantities Leaving the Treatment Plant are Metered (Y / N) | Treatment Losses (gpd) Col. C – Col. D |
| 1 | Potability | Current | | | | |
| 2 | | Projected | | | | |
| 3 | Non-Potability | Current | | | | |
| 4 | | Projected | | | | |
| 5 | Total | Current | | | | |
| 6 | | Projected | | | | |

Documentation (meter data) attached.

Current Treatment Loss Percentage ([Row 5, Col. F / Row 5 Col. C] x 100) = _____ % ⑥

Projected Treatment Loss Percentage ([Row 6, Col. F / Row 6 Col. C] x 100) = _____ % ⑥

2. **Distribution Line Flushing Loss:** Flushing loss is the average quantity lost in the distribution system due to line-flushing for water quality maintenance.

Complete the table below with information related to total quantities used to flush distribution lines (Column B) and the deductible flushing line losses (Column E). In Column C, include both potable and non-potable treated water. Current annual average treated water leaving the plant is the same number as indicated in the previous Table, in **Column D Row 5**. Projected annual average treated water leaving the plant is the same number as indicated in the previous Table, in **Column D Row 6**.

| A | B | C | D | E |
|-------------|-----------------------------------|--|---|--|
| Time Period | Annual Average for Flushing (gpd) | Annual Average Treated Water Leaving the Plant (gpd) | Deductible Flushing Losses (gpd) <i>Multiply Annual Average Treated (Col. C) by 0.01</i> | Enter the Lesser of Column B or Column D |
| Current | | | | ⑦ |
| Projected | | | | ⑦ |

Attach documentation of the quantities used for flushing. These can be meter readings or estimates based on hours of operation and pump capacity.

Documentation attached.

SECTION C. SIGNIFICANT USE DEDUCTIONS – CURRENT AND PROJECTED

Applicants may deduct certain non-residential significant uses from the utility's total gross water demand to calculate an adjusted gross per capita rate if documentation and appropriate water conservation plans are submitted. See the *Water Use Permit Applicant's Handbook Part B* under "Significant Use" section for expanded explanations of what can be deducted.

No Significant Use deductions or proposed deductions are taken. Skip to **SECTION D**.

1. Current Significant Use Deductions:

- Existing SWUCA permittees may attach the Significant Use portion of the previous calendar year's Annual Report.
- Non-SWUCA permittees are to complete *Attachment A, "Significant Use Deductions."*

2. Projected Significant Use Deductions: All applicants are to complete *Attachment A, "Significant Use Deductions"* to itemize and calculate allowed deductions.

3. Total Significant Use Deductions: Total the allowed deductions from Attachment A.

Current: _____ gpd ⑧ Projected: _____ gpd ⑧

SECTION D. GOLF COURSE DEDUCTIONS – CURRENT AND PROJECTED

Annual average quantities provided or anticipated to be provided for reasonable-beneficial golf course irrigation quantities from ground water, surface water, reclaimed water or stormwater may be separately deducted.

Quantities for golf course irrigation were not and are not to be included on this permit. Skip to **SECTION E**.

1. Eligible Quantities: The annual average quantities provided to golf courses meet the following criteria:

- a. Quantities provided to existing golf courses are separately metered, and anticipated quantities to be provided to future golf courses will be separately metered. Meter data must be attached.
- b. Golf courses are or will be located inside the service area.
- c. Quantities provided to existing golf courses are included in the currently permitted quantities for this permit and were reported as withdrawals in the previous annual report.
- d. Quantities for future golf courses in this service area are included as requested quantities on this application and will be reported as withdrawals on future submissions of the annual report.

2. Deducted Quantities: Complete the table below with data for **Existing** (indicate **E** in the first column) and **Proposed** (indicated **P** in the first column) golf course(s). Indicate the type(s) of water (all that apply) for the golf course: Ground Water (GW), Surface Water (SW), Stormwater (ST), Reclaimed Water (RW).

| E or P | Golf Course Name | Source | Quality Treated ¹ (Y/N) | S-T-R ² | Acreage | | | Annual Average Quantities Provided ⁴ gpd |
|--------------|------------------|--------|---------------------------------------|--------------------|----------|---------------|--------------------|--|
| | | | | | Fairways | Tees & Greens | Rough ³ | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

¹ Indicate whether the quantities provided are treated to improve the quality.

² Predominant Section-Township-Range where the golf course is located.

³ If the golf course is located in the SWUCA or the NTBWUCA, do not include the acreage of the roughs. Do not include roughs acreage anywhere in the District after January 2012.

⁴ Provide monthly meter data in comma-delimited format if this deduction is taken for existing golf course for the previous calendar year. Provide quantities requested for proposed golf courses.

Note: The golf course withdrawal quantities allowed to be deducted are the lesser of the quantities actually provided or those that would be permitted for reasonable-beneficial use by the District.

3. Total annual average for golf course deduction:

Current: _____ gpd ⑨ Meter data attached

Projected: _____ gpd ⑨ A letter of intent from each prospective golf course owner(s) to document likelihood of the projected golf course demand is attached.

SECTION E. ENVIRONMENTAL MITIGATION – CURRENT AND PROJECTED

Applicants may deduct annual average quantities actually used for District-required environmental mitigation and/or quantities that are to be permitted on this permit for District-required environmental mitigation. For existing environmental mitigation quantities, metering is required and the applicant may request an output file from the District to review submitted meter readings and/or pumpage on file.

There are no deductions for environmental mitigation. Skip to **SECTION F**.

1. Current Environmental Mitigation Quantities

- There are no deductions for current environmental mitigation.
- The meter data on file at the District for existing environmental mitigation has been reviewed and is accepted.
- The meter data on file at the District has been reviewed and changes are suggested. (*The proposed changes are included in an attached file in comma-delimited format.*)
- Data file is attached.

2. Projected Environmental Mitigation Quantities – If in the pre-application meeting, the applicant was apprised that additional environmental mitigation was going to be required, that amount can be added to the projected quantities for environmental mitigation. If not, then input the same value for projected as is entered for current. Indicate the projected quantities in Number 3 below.

3. Total Annual Average Environmental Mitigation Deduction:

Current: _____ gpd ⑩ Projected: _____ gpd ⑩

SECTION F. STORMWATER DEDUCTION – CURRENT AND PROJECTED

Permitted stormwater quantities that are provided or are proposed to be provided to water users other than golf courses can be deducted from the total withdrawal quantities.

Stormwater quantities are not deducted. **Skip to SECTION G.**

- 1. Eligible Deductions:** Check each box to indicate that the criteria listed is met for the stormwater quantities that are provided by the applicant can be deducted. **Note**, stormwater quantities that are provided for golf course use inside the service area should be deducted under the Golf Course deduction in **SECTION D** above.
- a. Stormwater is or will be captured by the applicant.
 - b. Stormwater use is or will be located inside the applicant's service area.
 - c. Stormwater quantities are not used to irrigate golf courses inside the service area.
 - d. Stormwater quantities are, or will be, separately metered and reported to the District.
 - e. Current stormwater quantities are or will be permitted and/or projected stormwater quantities will be included in the permitted quantities for uses inside the service area (other than for golf course irrigation).
 - f. The quality of the stormwater is lower than the groundwater source that is being replaced, unless the use of the stormwater in such cases reduces adverse impact to the water resources.
 - g. The stormwater withdrawal quantities claimed for deduction do not exceed the lesser of (a) the quantities actually provided, or (b) the quantities that would be permitted for the use as determined by the District.
 - h. The current surface withdrawal points from the stormwater impoundments are or will be metered and must be reported as withdrawals in the annual report.

2. Annual Average Quantities: Complete the information and table below with stormwater quantities provided to customers for non-irrigation use. *Make copies to add more customers. A customer can be listed twice – as current and as projected. Do not check Current and Projected in the same column.*

| | Customer 1 | Customer 2 | Customer 3 | Customer 4 |
|--|---|---|---|---|
| Customer Type | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected |
| Customer Name | | | | |
| WUP No. (if any) | | | | |
| Contact Name | | | | |
| Telephone No. | | | | |
| Annual Average Quantities (gpd)¹ | | | | |
| District ID No(s). | | | | |
| Customer's Use² | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic <input type="checkbox"/> Other _____ | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic <input type="checkbox"/> Other _____ | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic <input type="checkbox"/> Other _____ | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic <input type="checkbox"/> Other _____ |

¹ Provide the meter data for the previous calendar year for current quantities. Provide contract or agreements between the applicant and receiver for proposed quantities.

² If the customer's industrial/commercial use was included in the Significant Use deductions in Attachment A, do not include them here.

- Meter documentation attached.
- Contract/agreement documents attached.

If the customer's use is or will be for irrigation, complete this table.

| | Customer 1 | Customer 2 | Customer 3 | Customer 4 |
|--|------------|------------|------------|------------|
| Crop/Plant Type | | | | |
| S-T-R¹ | | | | |
| Total Acreage | | | | |
| Acreage for Golf | | | | |
| Fairways | | | | |
| Tees / Greens | | | | |
| Roughs² | | | | |
| Irrigation Method | | | | |
| Annual Average Quantities (gpd) | | | | |

¹ Primary sections, township and range where the water is used.

² Stormwater provided for irrigation of roughs in a Water Use Caution Area is not deductible because irrigation of roughs is not permitted there. After January 1, 2012, it is not permitted anywhere in the District.

3. Irrigation calculation method - Indicate how quantities were calculated for any irrigation water provided.

- AGMOD was used to determine irrigation quantities. Output file is attached.
- An alternative method was used to determine irrigation quantities. Documentation is attached.

4. Subtotal annual average stormwater provided for non-irrigation

Current: _____ gpd Projected: _____ gpd

5. Subtotal annual average stormwater for irrigation (This is the amount that would be permitted by the District.)

Current: _____ gpd Projected: _____ gpd

6. Total annual average stormwater deduction (Add rows 4 and 5.)

Current: _____ gpd ① Projected: _____ gpd ①

SECTION G. RECLAIMED WATER DEDUCTION – CURRENT AND PROJECTED

If reclaimed water is provided to customers and meet the eligibility for deductions in No. 1 below, then 50% of the quantities provided to customers in the following circumstances may be deducted to reduce the per capita rate.

Reclaimed water is not provided to such customers. Skip to **SECTION H**.

1. Eligible Deductions – Check the box to indicate that the criteria are met for the reclaimed water provided:

- a. The reclaimed water is provided for a reasonable-beneficial use (See the *Water Use Permit Applicant's Handbook*, Part B).
- b. The reclaimed water does not replace existing demand on the applicant's potable system.
- c. The reclaimed water has received at least secondary treatment.
- d. The reclaimed water was neither claimed under the Stormwater Deduction for a golf course in **SECTION F**, above nor deducted under the Golf Course deductions in **SECTION D**.
- e. The reclaimed water is provided to:
 - (1) Metered uses located outside the utility potable service area boundary, and/or
 - (2) A single-site, separately metered use within the utility potable service area boundary that used 25,000 gallons per day or more on an annual average basis during the previous calendar year or is projected to use 25,000 gallons per day or more on an annual average basis, and
 - (a) The reclaimed water is not nor will not be provided for residential irrigation (single family, multi-family or mobile home)
 - (b) The reclaimed water is not nor will not be provided for common area irrigation, including entryways, parking lots, irrigated areas within roadway right-of-ways (e.g., road and sidewalk medians), open spaces, community areas (such as community club house, tennis courts, playgrounds, etc.), and public parks.

2. Annual Average Quantities - Complete the table below with reclaimed quantities provided for non-irrigation use. Indicate if the receiver is included in the annual report (Annual Reclaimed Water Supplier Report). *Make copies of this page to add more customers. A customer can be listed twice – as current and as projected. Do not check Current and Projected in the same column.*

| | Customer 1 | Customer 2 | Customer 3 | Customer 4 |
|--|---|---|---|---|
| Customer Type | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected | <input type="checkbox"/> Current <input type="checkbox"/> Projected |
| Name | | | | |
| WUP No. (if any) | | | | |
| Contact Name | | | | |
| Telephone No. | | | | |
| Annual Average Provided (gpd)¹ | | | | |
| Customer's Use² | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic | <input type="checkbox"/> Industrial/Commercial <input type="checkbox"/> Non-irrigation recreation or aesthetic |

¹ Provide the meter data for the previous calendar year for current quantities. Provide contract or agreements between the applicant and receiver for proposed quantities.

² Do not include irrigation quantities provided for residential lawns/landscape or for common areas or if the reclaimed water was deducted under Golf Course deductions in **SECTION D**.

- Reclaimed water meter documentation attached.
- Reclaimed water contract/agreement documents attached.

If the reclaimed water is provided for irrigation other than for residential lawn/landscape use or for common areas, and it was not deducted under the Golf Course deductions in **SECTION D**, complete the following table.

| | Customer 1 | Customer 2 | Customer 3 | Customer 4 |
|-------------------------------|------------|------------|------------|------------|
| Crop/Plant Type | | | | |
| S-T-R ¹ | | | | |
| Total Acreage | | | | |
| Acreage for Golf | | | | |
| Fairways | | | | |
| Tees / Greens | | | | |
| Roughs ² | | | | |
| Irrigation Method | | | | |
| Annual Average Quantities Gpd | | | | |

¹ Primary sections, township and range where the water is used.

² Stormwater provided for irrigation of roughs in a Water Use Caution Area is not deductible because irrigation of roughs is not permitted there. After January 1, 2012, it is not permitted anywhere in the District.

3. Irrigation calculation method - Indicate how irrigation quantities were calculated.

- AGMOD was used to determine irrigation quantities. Output file is attached.
- An alternative method was used to determine irrigation quantities. Documentation is attached.

4. Subtotal annual average reclaimed water provided for non-irrigation

Current: _____ gpd Projected: _____ gpd

5. Subtotal annual average reclaimed water allowed for irrigation (This is the amount that would be permitted by the District.)

Current: _____ gpd Projected: _____ gpd

6. Total Reclaimed Water Provided

Current: _____ gpd Projected: _____ gpd

7. Reclaimed Water Deduction Allowed: The deduction is the lesser of either 50% of the quantities actually provided, or 50% of those that would be permitted for the use by the District. For irrigation use, use the District's irrigation allocation program AGMOD to determine which amount is appropriate (actual amount provided or AGMOD amount that would be permitted). Add the metered quantity provided for non-irrigation use to the lesser.

Current deduction: _____ gpd x 50% = _____ gpd ⑫

Projected deduction: _____ gpd x 50% = _____ gpd ⑫

SECTION H. TOTAL ALLOCATION

New Applicants

Unadjusted Gross Per Capita: Sum the requested quantities from regulated sources (**PART II, SECTION E**) plus imports (**PART II, SECTION F, TABLE A LINE 2**) minus exports (**PART II, SECTION D**) minus treatment losses (**PART II, SECTION A, NONRESIDENTIAL DEMAND TABLE LINE 16**) and divide by the Functional Population (**PART III, SECTION B**) = _____ gpd/person. New applicants are restricted to an allowable CPC ≤ 150 gpd. Input the lesser of the Unadjusted Gross Per Capita or 150 gpd in Row 1 Column C in Table H on the next page. ③

Complete the information for components of the allocation. Units are annual average gallons per day.

TABLE H

| Column → | A | B | C | D |
|------------|---|----------------|------------------|--|
| Row | COMPONENT or DEDUCTION | CURRENT | PROJECTED | Data Source w/in this Application |
| 1 | Allowable Compliance Per Capita (gpd) | | | PART IV, SECTION B for Current and PART VI ③ for Projected |
| 2 | Functional Population (persons) | | | PART III; PART V ② |
| 3 | Subtotal population based demand (gpd) (Row 1 x Row 2) | | | |
| 4 | Imports (gpd) | | | PART VII SECTION A ④ |
| 5 | Exports (gpd) | | | PART VII SECTION A ⑤ |
| 6 | Significant Uses (gpd) | | | PART VII SECTION C, No. 3 ⑧ |
| 7 | Golf Course Irrigation (gpd) | | | PART VII SECTION D, No. 3 ⑨ |
| 8 | Environmental Mitigation (gpd) | | | PART VII SECTION E, No. 3 ⑩ |
| 9 | Stormwater (gpd) | | | PART VII SECTION F, No. 6 ⑪ |
| 10 | Reclaimed Water (gpd) | | | PART VII SECTION G, No. 7 ⑫ |
| 11 | Subtotal Demand Quantities (gpd) (Rows 3 - 4 + 5 + 6 + 7 + 8 + 9 + 10) | | | |
| 12 | Treatment Loss Percentage | | | PART VII SECTION B, No. 1 ⑥ |
| 13 | Treatment Loss Percentage x Subtotal (gpd) (Rows 11 x 12) | | | |
| 14 | Line Flushing Quantities Allowed (gpd) | | | PART VII SECTION B, No. 2 ⑦ |
| 15 | Total Withdrawal Quantities (gpd)* (Rows 11 + 13 + 14) | | | |

* If the Projected Total Withdrawal Quantities are greater than the applicant's requested quantities, the applicant's requested quantities will be the quantities considered for a permit.

SECTION I. LOW OR NO GROWTH POPULATION

1. **Eligibility** - If the following criteria pertain to the applicant's situation, an adjustment to projected total requested withdrawal quantities can be made:

- a. This is an application for renewal or modification of an existing permit, and
- b. The service area has low or no growth in population from time of application to permit term, and
- c. The most recent five-year average compliance per capita rate (Table H, Row 1, Column B on the previous page) is greater than 150 gpd, and
- d. The projected total requested withdrawal quantity (Table H, Row 15, Column C) is:
 - (1) Less than the current total withdrawal quantity shown in Table H, Row 15, Column B, or
 - (2) Less than what was permitted at year end 2009.

2009 Permitted Annual Average Quantities: _____ gpd (as of December 31, 2009)

- The above criteria are not met. Skip to **PART VIII. WELLFIELD OPERATION**
- The above criteria are met. Continue.

2. **Compliance Per Capita Rate** - The projected total requested withdrawal quantity can equal the projected functional population (Table H, Row 2, Column C) multiplied by the 2009 five-year average compliance per capita rate. Calculate the 2009 five-year average compliance per capita (*Average CPC from 2005, 2006, 2007, 2008, 2009 as taken or adjusted from previous Annual Reports.*)

2009 Five-Year Average Compliance Per Capita Rate = _____ gpd

3. **Adjusted Total Requested Withdrawal Quantities:** Multiply the 2009 five-year average compliance per capita rate times Projected Functional Population in Row 3 of Table H = _____ gpd. This quantity replaces the quantity calculated in *Table H, Column C, Row 15 as total requested withdrawal quantities.*

4. **Compliance** - Permit per capita compliance will be against a diminishing Compliance Per Capita over time according to the linear interpolation between the recent five-year average compliance per capita and 150 gpd.

SECTION J. ALTERNATIVE ALLOWABLE PER CAPITA RATE

This adjustment to the Allowable Compliance Per Capita (CPC) rate used in the Table in **SECTION H** Row 1, Column C is available only to existing permittees that have a five-year average compliance per capita rate less than 150 gpd, (from **PART IV**) but a higher rate is required per demand substantiated in **PART II, SECTION F** ①. *The higher rate cannot exceed 150 gpd/person.*

1. Projected Compliance Per Capita Rate

The applicant can demonstrate that a projected compliance per capita rate that is higher than the five-year average compliance per capita rate but less than 150 gpd should be used to determine allocation quantities if:

- a. The projected demands shown in **PART II** are established and documented by the applicant
- b. The total projected demand (**PART II, SECTION F**) minus the demand component met by reclaimed water inside the applicant's service area and minus the documented deductions from **PART VII PROPOSED ALLOCATION** above, divided by the projected functional population equals a projected compliance per capita rate of no more than 150 gpd.

(1) Total projected demand: _____ gpd ① (**PART II, SECTION F**)

(2) Demand inside the service area met with reclaimed water: _____ gpd (**PART II SECTION F, TABLE A, ROW 1, COL. 3**)

(3) Deductions* (sum of rows 5 through 10, plus 13 and 14 from **PART VII, Table H, above**): _____ gpd

(4) Net demand [**Line 1 – Line 2 – Line 3**]: _____ gpd

(5) Functional Population: _____ persons ② (from **PART III**)

(6) Revised Projected Compliance Per Capita = (Line 4 divided by line 5) = _____ gpd

* *Note, imports are already included in the Demand quantity from **PART II SECTION F.***

2. Recalculate Total Requested Quantities

If the number in **Line 1.b.(6)** above is less than 150 gpd per person, substitute that number in Table H, Column C Row 1 to recalculate Total Requested Withdrawal Quantities in Column C, Row 15. If the number in **Line 1.b.(6)** is greater than or equal to 150 gpd per person, substitute 150 gpd per person in Table H, Column C, Row 1 to recalculate Total Requested Withdrawal Quantities in Column C, Row 15.

The recalculated Total Requested Withdrawal Quantities are: _____ gpd

PART VIII. WELLFIELD OPERATION

*Applicants for a Wholesale Public Supply Permit, skip to **PART X, MAPS.***

SECTION A. SCHEDULE AND MONITORING

1. **Withdrawal Point Flexibility:** In the table on the next page, indicate which withdrawal points require withdrawal quantity flexibility on both an annual average daily and peak month daily basis. Withdrawal flexibility is needed if the quantities per withdrawal point need to be greater than the quantity that would result from simply dividing the total permitted quantity by the number of withdrawal points. This quantity reflects the fact that pumpage is rotated

- 7. Highest level of total dissolved solids or chlorides that can be efficiently and economically treated : _____ mg/l
- 8. Chloride concentration in reject water: _____ mg/l
- 9. Chloride concentration in receiving water body (surface water body or aquifer): _____ mg/l
- 10. Finished water storage capacity: _____ gallons
- 11. Disposal method for the reject water: _____
- 12. Florida Department of Environmental Protection Industrial Waste Permit No.: # _____
- 13. Location of reject water disposal must be included on the facility map.

SECTION C. AQUIFER STORAGE AND RECOVERY

If the water supply system includes aquifer storage and recovery (ASR), provide the following information. If not, skip to **PART IX. LEGAL/INSTITUTIONAL INFORMATION.**

- 1. Water source: _____
- 2. Temporary above-ground, reservoir or impoundment storage volume: _____ gallons
- 3. Storage aquifer: _____
- 4. Storage geologic formation: _____
- 5. Total gallons to be stored in one year: _____ gallons
- 6. Aerial extent of freshwater plume (square miles) _____ Must be annotated on a map
- 7. Annual average wellfield rate of injection: _____ gpd
- 8. Annual average wellfield recovery rate: _____ gpd
- 9. Peak month wellfield rate of injection: _____ gpd
- 10. Peak month wellfield recovery rate: _____ gpd
- 11. Average length of storage time: _____ days/months (*circle one*)
- 12. Percent recovery of injected water: _____ %
- 13. Will the source water be pretreated prior to injection? Yes No
- 14. Submit a report that contains the following:
 - a. Geological description of the formation in which the water is to be stored
 - b. Description of the design and operation of the ASR wellfield
 - c. Description and documentation of the cycle testing performed if this is a new or expanded operation
 - d. Analyses performed within the past three years of:
 - (1) Chemical analysis of the source water after pretreatment (if pretreated) for injection
 - (2) The interaction between the injected water and the aquifer with respect to dissolution, precipitation or stability of the lithologic character of the aquifer
 - (3) The interaction between the injected water and the aquifer water
 - (4) Isotope or other tests performed to determine the direction and rate of flow in the aquifer
 - (5) Chemical analysis of the recovered water over time
 - (6) Chemical or mineral enrichments, especially that of arsenic
 - (7) An analysis of water level changes or stabilities for the previous five years as measured in monitor wells with respect to injection and recovery times and rates, and periods of no recharge and no recovery
 - (8) Analysis of water quality changes or stability in all water quality monitor sites as water is injected, rested and withdrawn
 - (9) Analysis and raw data of the potentiometric surface fluctuations at piezometer or monitor well sites as water is injected, rested and withdrawn
 - (10) Discussion of the rate of flow of the ground water in the injection site, what direction, and when (if) flow direction changes
- 15. DEP Permit Numbers (*list*): _____

PART IX. LEGAL / INSTITUTIONAL INFORMATION

SECTION A. PUBLIC SERVICE COMMISSION

If regulated by the Public Service Commission, indicate each Public Service Commission certificate number and provide a description and map of the certified service area.

Certificate No. # _____ Utility name as appears on PSC Certificate: _____

- Description and map attached.
- Not applicable; this utility is not regulated by the PSC.

SECTION B. PUBLIC WATER SUPPLY IDENTIFIER

Provide the Florida Department of Environmental Protection Public Water Supply Identifier (PWSI) numbers and area designation names for each area for which there is a different potable water treatment plant. Identify each area on a facilities map.

| PWSI No. | Area Name |
|----------|-----------|
| | |
| | |
| | |
| | |

- Not applicable; this is a wholesale public supply water use permit application, thus, there is no water treatment plant.

SECTION C. WELLFIELD PROTECTION ORDINANCE

Is the wellfield protected by a wellfield protection ordinance?

- Yes No

If "yes," provide a copy of the ordinance and discuss whether the proposed water use will affect existing land uses as a consequence of the ordinance.

- Copy of Ordinance and explanation attached.

SECTION D. EASEMENTS

Attach a description of the applicant's legal rights or intent of acquisition for access to proposed withdrawal point sites.

- Not applicable. Applicant owns the area around the wellfield.
- Attached.

PART X. MAPS

All maps must be labeled with the date of creation, reference streets, north arrow, scale and legend for any symbols, abbreviations or acronyms.

SECTION A. SERVICE AREA

A service area is the geographic area for which the applicant (including wholesale Public Supply WUP applicants) has the ability and legal right to distribute water directly to its customers during the term of the permit. Separate, discrete service areas that are under common management of the applicant and water is routinely transferred between service areas shall be counted as one. Definable areas within a service area which are served by domestic potable wells shall be delineated and designated by the permittee as non-served areas unless documentation such as a capital improvement plan is provided that demonstrates that the area will be supplied by the applicant within the term of the permit.

To view the District's map of the applicant's service area, go to www.watermatters.org/data/demographics. It is available for viewing in ArcGIS Shapefile format or by using the District's viewer.

- Check here if there are no changes to the existing service area map as well as to any definable internal non-served areas, and if all reclaimed water lines and wastewater treatment plants are correctly delineated in the District's database. Skip to **SECTION B. Facilities Map**.
- Check here if there are changes to the existing service area map or to any internal non-served areas, and if any reclaimed water lines and wastewater treatment plant locations need to be edited.

1. Updates and New Service Areas

- a. **Include:** The applicant's public supply service area is comprised of the following, unless the applicant demonstrates that factors unique to its utility make one or more of these situations inapplicable to the determination of the service area:
- (1) The current and projected geographic retail service area for which a public water supply utility intends to provide potable water.
 - (2) The current and projected geographical retail service areas of a public water supply utility that is not required to have a wholesale public supply permit but which purchases water wholesale from the applicant, regardless of whether or not the wholesale water recipient bills its customers.
- b. **Exclude:**
- (1) Areas served by the applicant's wholesale customers if that wholesale customer has a Wholesale Public Supply Water Use Permit.
 - (2) Areas that are serviced by independent utilities (such as may exist for trailer or RV parks) if they fall within your service area.

2. Delineation Requirements and Edits – For the service area map, the following items are required to be delineated on a recent (less than two years old) aerial photograph. Digital copies of the District's aerial photography are preferred for use as a basemap and can be obtained at the District website.

- a. **Service Area Boundary** – Show the current service area boundary and differentiate the current area from areas projected to be added.
- b. **Internal Non-Served Areas** – Delineate the boundary around any internal definable areas (e.g., subdivisions) where residents obtain potable water via private domestic wells. If the applicant plans to incorporate these definable self-served areas in the utility service area within the term of the permit, submit documentation of the incorporation (such as a capital improvement plan). Check all the situations that apply to this utility:
- The private domestic wells in the service area are scattered and cannot be circumscribed into definable areas.
 - There are no private domestic wells in the service area.
 - All of the private domestic wells that are in definable areas within the service area will be replaced by service from this utility within the term of the permit. Documentation attached.
 - Some, but not all, of the private domestic wells that are in definable areas within the service area will be replaced by service from this utility within the term of the permit. Documentation attached.
 - None of the private domestic wells that are in a definable area are planned to be included in this service area and have been delineated and identified on the map as non-served.
- c. **Reclaimed Water Distribution System** – Show all existing reclaimed water lines and all that are proposed to be constructed within the term of the permit. Create reference numbers to relate to a list of connections by customer in **PART XII. WASTEWATER TREATMENT AND USE**. These may be presented on a separate map that is the same scale as the service area boundary map if there are reference points provided.
- d. **Treated Wastewater Disposal Sites** – Label the sites with a reference number to relate to the list in **PART XII, SECTION E**. These may be presented on a separate map that is the same scale as the service area boundary map if there are reference points provided.
- e. **Legend** – Provide a legend to define any symbols, abbreviations or acronyms used.

3. Basemap – There are two methods the applicant can use to submit a service area map relative to the existing service area map:

- a. **ArcGIS Shapefile Format (Preferred Method)** – The following steps should be followed if the applicant is an ArcGIS user and the service area map from the District's database will serve as the basemap:

- (1) Download the Service Area Layer in ArcGIS Shapefile format to upload to the applicant's computer, then navigate the applicant's computer to their water use permit from the District website, www.watermatters.org/data/demographics screen.
 - (2) Add your service area to the basemap or update the downloaded Shapefile to reflect any changed service area boundary.
 - (3) Print out the new map and submit with this application.
- b. **Non-GIS Method** – If the applicant does not have ArcGIS Shapefile capabilities, a digital copy of the District's aerial photography can be obtained from www.watermatters.org/data/demographics for use as a basemap. Print it out, and annotate it with the required information and submit with this application.
 - c. **Other aerial photographic maps** – If other aerial photographic maps are used, they must contain the following minimum information: county lines, major roads/streets (labeled with names), map scale, legend, flight date created and provenance (agency or company that flew or commissioned the aerial photographs). The aerial map shall be less than two years old and be of a minimum scale of 1" = 2,000'.
4. **Areas of Overlap** – All new service areas or additions to existing service areas must be delineated relative to service areas depicted in the District's electronic public supply service area boundary map maintained in the District's geographic information system (GIS). If areas of overlap are identified, the applicant must submit supporting documentation to verify that the delineation is correct. Service areas overlap documentation must include service area expansion agreements approved by the affected utilities and may include existing distribution line maps, agreements with developer(s) to provide service to specific areas, inter-local service agreements, regulatory agency approved service areas, and approved Chapter 180, Florida Statutes, service area ordinances.

SECTION B. FACILITIES MAP

1. Provide the locations of the following items on a recent aerial photographic map (minimum scale = 1" = 2,000') or on a copy of the District's aerial photograph:
 - a. **Owned and/or legally controlled areas** – Delineate all areas owned or legally controlled (including ingress and egress rights) by the applicant with respect to this application. These areas will be included in the WUP control boundary for this permit.
 - b. **Surface Storage Reservoirs** – Show the location of any existing or proposed surface storage reservoirs. If proposed, annotate the location with the appropriate environmental resource permit number.
2. Provide the following information on a hard-copy map (*The District will NOT provide this information to the public for public safety and national security reasons*):
 - a. Existing and proposed raw water treatment facilities
 - b. Existing and proposed major water transmission mains including existing, planned and potential intersystem connections
 - c. Existing and proposed water storage facilities

PART XI. BILLING AND METER READING

1. Is this a public supply utility that serves at least 15 service connections used by year-round residents or regularly serves at least 25 year-round residents (e.g., a subdivision, a mobile home park, a city or county system, etc.)?
 - Yes Complete this part.
 - No Skip to **PART XII, WASTEWATER TREATMENT AND USE**.
2. Are customers billed, or will customers be billed for their water use according to how much they used?
 - Yes Continue to Question 3.
 - No Include an attachment to explain how water conservation is encouraged and continue to Question 3.
 - Attached
3. If this application is for an existing WUP, continue this section. If this application is for a new WUP, skip to **PART XII. WASTEWATER TREATMENT AND USE**.
 - a. Provide a document showing the water rate structure for both potable and non-potable water.
 - Attached How often is this document provided to customers? _____
 - b. Provide a blank bill that shows billing units in gallons (or an insert that provides customers with instructions to convert the billing units to gallons), the billing period and the customer water use during the billing period.
 - Attached How often are these provided to customers? _____

- c. Attach copies of all informational pamphlets or documents that promote water conservation and are provided to retail (not wholesale) customers. Explain any fixed and variable charge rates, minimum quantity charges, block size and pricing, historic customer class use (single-family dwelling, multiple-family dwelling, mobile homes, etc.), and any seasonal rates with their applicable months.

Attached How often are these documents provided to customers? _____

PART XII. WASTEWATER TREATMENT AND USE

- A wastewater treatment facility (WWTF) is neither owned nor operated by the applicant. Skip to **PART XIII. WATER CONSERVATION.**

SECTION A. TREATMENT FACILITIES

Complete the chart below for all WWTF's operated by the applicant. If a WWTF doesn't have a FDEP Wastewater Facility Regulation Identification Number (WAFR ID) number, provide the FDEP WWTF ID number.

Treatment levels

1. **AWT** (Advanced Wastewater Treatment) which equals Grizzle-Figg surface water discharge requirements of 5 mg/l-BOD (biological oxygen demand), 5-TSS (total suspended solids), 3 mg/l-Total Nitrogen, and 1 mg/l-Total Phosphorus. Note: Also sometimes referred to as Tertiary treatment. It is sufficient for surface water discharge.
2. **HI** stands for **H**igh-level disinfection, as described in Rule 62-600.440 (5), F.A.C. and equals the minimum FDEP requirements for public access reuse (includes filtration and disinfection). Note: Also sometimes referred to as Advanced-Secondary treatment. It is sufficient for public access reclaimed water.
3. **BA** stands for **B**asic-level disinfection, as described in Rule 62-600.440 (6), F.A.C. and equals the minimum FDEP requirements for non-public access reuse (such as RIBs). It is not sufficient for public access.

| Facility Name | WAFR ID No. or FDEP WWTF ID No. | Treatment Level |
|---------------|------------------------------------|-----------------|
| | | |
| | | |
| | | |

- Not applicable; there are no wastewater treatment facilities operated by this applicant.

SECTION B. RECLAIMED WATER QUANTITIES

Complete the table below with information regarding the applicant's treatment of wastewater. If more than one wastewater treatment facility is used, total the values for the facilities.

| ELEMENT | Current | Projected |
|---|---------|-----------|
| Total wastewater flow – Sewage flow to the treatment plant. | gpd | gpd |
| Reclaimed water available – Amount that can be beneficially reused. | gpd | gpd |
| Reclaimed water utilization – Amount actually used by customers. | gpd | gpd |
| Beneficially used – Amount used by customers to offset the use of the natural resource to recharge or replenish the resource, or mitigate environmental impacts. | gpd | gpd |
| Reclaimed water disposal – Amount generated that is not beneficially reused plus whatever amount of effluent that is not treated to reuse standards. | gpd | gpd |
| Potable quality water offset – Total quantity of water that is not used due to supply of service area customers with reclaimed water. | gpd | gpd |
| Reclaimed water offset efficiency – Annual average amount offset divided by the annual average amount of reclaimed water used. | % | % |

SECTION C. RECLAIMED WATER CUSTOMERS

1. Non-Wholesale – Delivery Line Diameter Less Than 4 Inches

Provide reclaimed water delivery data in the table below for each customer class for the previous calendar year.

| Customer Class | Number of Accounts Served | Total Annual Average Delivered (gpd) |
|---------------------------|---------------------------|--------------------------------------|
| Single Family Residential | | |
| Multi-Family Residential | | |
| Mining/Dewatering | | |
| Industrial/Commercial | | |
| Agriculture | | |
| Recreation/Aesthetic | | |

2. Wholesale — Delivery Line Diameter Greater Than or Equal to 4 Inches

Complete the information below for wholesale reclaimed water customers where the delivery line diameter is greater than or equal to 4 inches. Because a customer may have a name different from the name on the Water Use Permit, provide the WUP number, if any; put N/A if not. Use service area or facility map reference numbers to show delivery locations. Indicate the owner of the meter by checking the appropriate box. If not metered, leave blank. Show the annual average quantity supplied during the previous calendar year.

| Customer Name Contact Person/Telephone | WUP No. | Line Diameter (in.) | Meter Owner | No. of Meters | Annual Average Quantity (gpd) | Loc. (map ref.) |
|---|------------|---------------------------|---|------------------|----------------------------------|-----------------------|
| | | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |
| | | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |
| | | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |
| | | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |

SECTION D. AQUIFER RECHARGE

Complete the information below for every location where treated effluent is used for aquifer recharge. Provide the name of the person in charge of each project and a contact telephone number. If there are more than one recharge locations for one project, indicate all map references that apply.

Not Applicable. The applicant does not perform aquifer recharge. Skip to **SECTION E.**

| Contact Name and Telephone Number | Line Diameter (in.) | Meter Owner | No. of Meters | Annual Average Quantity (gpd) | Map Reference |
|-----------------------------------|---------------------------|---|------------------|----------------------------------|------------------|
| | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |
| | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |
| | | <input type="checkbox"/> Utility <input type="checkbox"/> Customer | | | |

Attach a description of the facility and its operation.

Attached.

SECTION E. TREATED EFFLUENT DISPOSAL

Complete the table on the next page with information for every location where treated effluent is disposed. Provide the name of the person in charge of each project and a contact telephone number. If there are more than one recharge locations for one project, indicate all map references that apply. If the disposal is to a water body, attach a document that shows the DEP permit number and the name of the surface water body.

Not applicable. The applicant does not dispose of treated effluent. Skip to **PART XIII. WATER CONSERVATION.**

Types of disposal sites

- Spray Field (SF)
- Rapid Infiltration Basin (RIB)
- Injection Well (IW)
- Surface Water Body (provide name)
- Other: Indicate any other type(s) that may apply: _____

| Contact Name and Telephone Number | Disposal Site Type (Name if a Surface Water Body) | DEP Permit No. (if any) | Total Annual Average Quantities Disposed | Map Reference |
|-----------------------------------|--|-------------------------|--|---------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

DEP documentation for water body disposal is attached.

XIII. WATER CONSERVATION

All applicants for public supply water use permits must submit a water conservation plan with this application. See the Water Use Permit Applicant's Handbook Part B for Public Supply Water Use Conservation Plan Requirements.



**PUBLIC SUPPLY SUPPLEMENTAL FORM
ATTACHMENT A**

Quantities referred to in this attachment are standard annual average daily quantities. These are total gallons in a calendar year divided by 365 days. All quantities should be shown in gallons per day (gpd) for uses such as irrigation of common areas, parks, and residential lawn and landscape irrigation.

SIGNIFICANT USE DEDUCTIONS FOR PUBLIC SUPPLY APPLICANTS

Permittees may deduct non-residential significant uses from their gross water use if documentation and appropriate water conservation plans are submitted. See the Water Use Permit Applicant's Handbook "Significant Use" sections for expanded explanations of what can be deducted. Documentation of qualifications and water conservation plans are required for any significant uses deducted.

Indicate for each Type of Significant Use whether it is an amount that is currently supplied at the time of application or is projected to be supplied by the end of the permit term. Projections must be substantiated with documents from the anticipated customer that they are moving into the area or are increasing their use and an estimate from the customer how much annual average quantities they will require. If a current significant use customer intends to use more water in the future, list both their current use as well as their anticipated use. If a current significant use customer will continue into the future with no changes, indicate the same quantity for both current and projected. New significant use customers will have zero in the current columns and terminating significant use customers will have zero in the projected use columns.

Exclusions – Water supplied for the following may not be included in significant use deductions:

- Residential, population-related water quantities and
- Golf course irrigation and multi-family residential use, even if classified by the utility as commercial customers

SIGNIFICANT USE TYPES

There are five types of Significant Uses that can be deducted for the purpose of calculating an Adjusted Gross Per Capita Rate. They are referred to as **TYPES A through E** on the following pages. More than one type may be taken; however, certain combinations may not be taken. See each section for exclusions.

TYPE A. SINGLE SIGNIFICANT USE

This Type applies to utilities that supply or that have a contract to supply greater than or equal to 25,000 gpd of water on a calendar year annual average basis to single industrial/commercial facilities or other non-residential, non-governmental facilities, or to single industrial/commercial facilities or other non-residential, non-governmental facilities whose water use comprises more than 5% of the utility calendar year annual average use. Either the 25,000-gpd criteria or the 5% criteria may be chosen, but not both. The facility may consist of one or more buildings under common ownership, maintenance and management control at a single site or campus. However, buildings that are not related under common ownership, maintenance and management control cannot be combined to meet a single significant use threshold.

This deduction cannot be taken with **TYPE B, DISTRICT-WIDE PERCENT INDUSTRIAL/COMMERCIAL USE** deductions or if net commuter population is included in the calculation of the projected functional population.

This type of significant use deduction is not being taken. Skip to **TYPE B**.

1. If this type of significant use is taken, indicate the criteria used.

- 25,000-gpd criteria 5% criteria

Complete the table(s) on the next page

2. If this deduction is used, complete the information below. Meter readings or copies of bills that show the gallons supplied are required for current use. Statements from customers intending to increase their water needs in the future is required for projected demand if greater than current demand. *Make copies of this page to add more qualifying significant uses.*

| Customer Information | | Annual Average Quantity Provided | |
|-----------------------|------------|----------------------------------|-----------|
| | | Current | Projected |
| Customer Name: | | (gpd) | (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|-----------------------|------------|-------|-------|
| Customer Name: | | (gpd) | (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|-----------------------|------------|-------|-------|
| Customer Name: | | (gpd) | (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|-----------------------|------------|-------|-------|
| Customer Name: | | (gpd) | (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

Total Annual Average (gpd): _____

- Attach a water conservation plan and water audit for each deduction for a single significant use.
- Attach a water conservation plan for each industrial/commercial use category (e.g., retail, light industrial, service companies) included in the 5% criteria.
- Attach substantive documentation that the significant use customer intends to move into the service area or will need additional water quantities, and the Annual Average quantities (gpd) they have indicated will be needed.

TYPE B. DISTRICT-WIDE PERCENT INDUSTRIAL/COMMERCIAL USE

Utilities having a large number of smaller industrial/commercial uses below the thresholds set in Single Significant Use type, above, may combine these smaller uses and compare its percentage industrial/commercial use with the District-wide, three-year average percent industrial/commercial use of public supply utilities. Water use of multi-family residential housing is not considered industrial/commercial use. The most recently calculated percent is available from the District at www.watermatters.org/data/demographics.

This deduction cannot be taken with any other type of significant use deduction or if net commuter population is included in the calculation of projected functional population.

- This type of significant use deduction is not being taken. Skip to **TYPE C**.

1. If **TYPE B** significant use is being deducted, in the table below, group the industrial/commercial uses by meter size* for the previous calendar year. Documentation of the actual quantities supplied to each industrial/commercial customer meter category included must be attached.

* Generally, this is an indication of the diameter of the pipe with which a meter is associated. For example, common usage refers to a meter as a 2-inch meter when it is on a 2-inch diameter pipe.

| Industrial/Commercial Use Annual Average Quantities Provided (gpd) | | Meter Category (Diameter) | Number of Connections | |
|--|-----------|---------------------------|-----------------------|-----------|
| Current | Projected | | Current | Projected |
| | | 5/8-inch | | |
| | | 5/8 x 3/4-inch | | |
| | | 3/4-inch | | |
| | | 1-inch | | |
| | | 1 1/2 -inch | | |
| | | 2-inch | | |
| | | 3-inch | | |
| | | 4-inch | | |
| | | 6-inch | | |
| | | 8-inch | | |
| | | 10-inch | | |
| | | 12-inch | | |
| | | Other: _____ | | |

Row

| | | | |
|----|---|---|--|
| a. | | | ⇨ Total Use for Industrial/Commercial |
| b. | | | ⇨ Gross Use (Total Requested Withdrawal Quantities (PART VII, SECTION H, Table H, Column B, Row 15) + Imports – Exports – Treatment Loss) |
| c. | % | % | ⇨ Percent Use for Industrial/Commercial (Total Use (row a) ÷ Gross Use (row b) x 100) |
| d. | % | % | ⇨ District-wide 3-Year Average % Use for Industrial/Commercial (Years referenced: _____, _____, _____) (Same years apply to current and projected) |
| e. | % | % | ⇨ Difference between Industrial/Commercial Use and the District-wide Three-Year Average (Percent Use (row c) – District-wide Three-Year Average % (row d)) . |

| Deduction Total | | |
|------------------------|-----------|---|
| Current | Projected | |
| | | ⇨ If the % value in Row e is positive, then the deduction is equal to Row b times Row e . If the % value in Row e is negative, the deduction is <u>not</u> eligible |

- Attach a water conservation plan specific to each Meter Category deducted.
- Attach documentation of actual quantities supplied to each Industrial /Commercial customer per Meter Category.
- Attach documentation indicating that the additional Industrial/ Commercial connections are moving into the service area, and the associated Annual Average quantities are needed.

TYPE C. COMBINED REGIONAL GOVERNMENT AND HIGHER EDUCATION FACILITIES

This type applies to current and projected water quantities provided to regional, state and federal government administrative and maintenance facilities and to public or private colleges/universities located within the service area that also serve persons who live outside of the service area. Water use for K–12 (kindergarten-through-12th grade) schools that do not serve any of the service area population may be deducted by the applicant. Facilities may consist of one or more buildings under common ownership, maintenance and management. Both governmental and educational facilities may be deducted. See the Water Use Permit Information Manual, Part B, Chapter 3, "Significant Use" for a comprehensive description of what is eligible for this type of significant use.

This deduction cannot be taken if **TYPE B, DISTRICT-WIDE PERCENT INDUSTRIAL/COMMERCIAL USE** deductions have been taken or if net commuter population is included in your calculation of functional population.

This type of significant use deduction is not being taken. Skip to **TYPE D**.

If this type of significant use is being taken, provide the information below for the previous calendar year. *Make copies to add more significant uses.*

| Customer Information | | Annual Average Quantity Provided | |
|-----------------------|------------|----------------------------------|-------------|
| | | Current | Projected |
| Customer Name: | | _____ (gpd) | _____ (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|-----------------------|------------|-------------|-------------|
| Customer Name: | | _____ (gpd) | _____ (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|-----------------------|------------|-------------|-------------|
| Customer Name: | | _____ (gpd) | _____ (gpd) |
| Contact: | Telephone: | | |
| Address: | E-mail: | | |
| City, State, ZIP | | | |

| | | | |
|--|--|-----|-----|
| Total Quantities from the table above. ⇨ | | gpd | gpd |
| Percent of the permanent county population not living in your service area. ⇨ <i>Calculated from the most recent U.S. Census for your county. (Use same time census data for projected significant use.)</i> | | % | % |
| Deduction (Total Quantities x Percent): ⇨ | | gpd | gpd |

- Attach a water conservation plan specific to each regional government and or qualifying education facilities group type.
- Attach documentation of actual quantities supplied to each customer.
- Attach documentation indicating that the additional regional government and higher education facilities are moving into the service area, and the associated Annual Average quantities are needed.

TYPE D. INDIVIDUAL REGIONAL HEALTH FACILITIES

This significant use type applies to water quantities provided to regional hospitals or specialty clinics located within the service area that also serve persons who live outside of the service area. A regional health facility may consist of one or more buildings at a single site or campus under common ownership, maintenance and management.

This deduction cannot be taken with “District-wide Percent Industrial/Commercial Use” deductions or if net commuter population is included in the calculation of functional population.

This type of significant use deduction is not being taken. Skip to **TYPE E**.

- If this type of significant use is being taken, list the facility and provide the full name, mailing address, telephone number and contact person name. For each facility included, show the quantity provided for each major type of water use within the facility (potable [including cafeterias], cleaning, irrigation, etc.) for the previous calendar year as well as projected. If “other” is used, classify it in the space provided. *Make copies to add other significant uses.*

| Customer Information | | Use Type (choose all that apply) | Annual Average Quantity Provided (gpd) | |
|--|--|---|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Potable..... <input type="checkbox"/> Irrigation..... <input type="checkbox"/> Cleaning..... <input type="checkbox"/> Other Total | | |
| Contact: | | | | |
| Address: | | | | |
| City, State, ZIP | | | | |
| E-mail: | | | | |
| Telephone: | | | | |
| A. Annual Admissions with ZIP Code Outside of Service Area: | | B. Total Annual Admissions: | | |
| C. Fraction of Annual Admissions outside of Service Area: _____ (Divide Cell A by Cell B. [row above]): | | Allowed Deductions: ⇨ <i>Multiply Total Current and Projected Quantities by Fraction Outside of Service Area</i> | | |

| Customer Information | | Use Type (choose all that apply) | Annual Average Quantity Provided (gpd) | |
|--|--|---|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Potable..... <input type="checkbox"/> Irrigation..... <input type="checkbox"/> Cleaning..... <input type="checkbox"/> Other Total | | |
| Contact: | | | | |
| Address: | | | | |
| City, State, ZIP | | | | |
| E-mail: | | | | |
| Telephone: | | | | |
| A. Annual Admissions with ZIP Code Outside of Service Area: | | B. Total Annual Admissions: | | |
| C. Fraction of Annual Admissions Outside of Service Area: _____ (Divide Cell A by Cell B. [row above]): | | Allowed Deductions: ⇨ <i>Multiply Total Current and Projected Quantities by Fraction Outside of Service Area</i> | | |

| Customer Information | | Use Type (choose all that apply) | Annual Average Quantity Provided (gpd) | |
|--|--|---|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Potable..... <input type="checkbox"/> Irrigation..... <input type="checkbox"/> Cleaning..... <input type="checkbox"/> Other Total | | |
| Contact: | | | | |
| Address: | | | | |
| | | | | |
| | | | | |
| City, State, ZIP | | E-mail: | | |
| | | Telephone: | | |
| A. Annual Admissions with ZIP Code Outside of Service Area: | | B. Total Annual Admissions: | | |
| C. Fraction of Annual Admissions outside of Service Area: _____ (Divide Cell A by Cell B. [row above]): | | Allowed Deductions: ⇒ <i>Multiply Total Current and Projected Quantities by Fraction Outside of Service Area</i> | | |

Sum total current and projected annual average allowed deductions: _____ _____
Current Projected

- Attach a water conservation plan and water audit for each customer.
- Attach documentation of actual quantities supplied to each customer.
- Attach documentation indicated that the additional regional health facilities are moving into the service area, and the associated Annual Average quantities are needed.

TYPE E. INDUSTRIAL/COMMERCIAL WHERE WATER IS THE PRIMARY INGREDIENT OF THE FINAL PRODUCT

One hundred percent of the water that is to be provided to the customer that is contained in a final product (e.g., brewery products, soft drinks, reconstituted juice, bottled water, etc.) may be deducted. Documentation required for existing permittees are meter readings for water quantities provided to the facility or copies of bills that quantify gallons provided for the previous year, a statement from the customer that quantifies the amount of water in the product and how many gallons of the product was produced the previous year. A statement from the customer that they intend to move into the area or intend to increase production in the future is required for projected quantities if greater than current quantities.

This deduction cannot be taken with **TYPE B, DISTRICT-WIDE PERCENT INDUSTRIAL/COMMERCIAL USE.**

- This type of significant use deduction is not being taken.

| Customer Information | | Facility Type | Annual Average Quantity Provided (gpd) | |
|---|--|--|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Bottled Water <input type="checkbox"/> Juices <input type="checkbox"/> Soft Drinks <input type="checkbox"/> Brewery <input type="checkbox"/> Winery <input type="checkbox"/> Distillery <input type="checkbox"/> Ice <input type="checkbox"/> Other (list below) | | |
| Contact: | | | | |
| Address: | | | | |
| Telephone: _____ | | | | |
| E-mail: _____ | | | | |
| Percent of water included in the final product = _____% | | | | |
| Allowed Deductions: ⇒ <i>Multiply % water in final product X gpd of Product produced for the previous calendar year</i> | | | | |

| Customer Information | | Facility Type | Annual Average Quantity Provided (gpd) | |
|---|--|--|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Bottled Water <input type="checkbox"/> Juices <input type="checkbox"/> Soft Drinks <input type="checkbox"/> Brewery <input type="checkbox"/> Winery <input type="checkbox"/> Distillery <input type="checkbox"/> Ice <input type="checkbox"/> Other (list below) | | |
| Contact: | | | | |
| Address: | | | | |
| Telephone: _____ E-mail: _____ | | | | |
| Percent of water included in the final product = _____% | | | | |
| Allowed Deductions: ⇨ <i>Multiply % water in final product x gpd of Product produced for the previous calendar year</i> | | | | |

| Customer Information | | Facility Type | Annual Average Quantity Provided (gpd) | |
|---|--|--|--|-----------|
| | | | Current | Projected |
| Facility Name: | | <input type="checkbox"/> Bottled Water <input type="checkbox"/> Juices <input type="checkbox"/> Soft Drinks <input type="checkbox"/> Brewery <input type="checkbox"/> Winery <input type="checkbox"/> Distillery <input type="checkbox"/> Ice <input type="checkbox"/> Other (list below) | | |
| Contact: | | | | |
| Address: | | | | |
| Telephone: _____ E-mail: _____ | | | | |
| Percent of water included in the final product = _____% | | | | |
| Allowed Deductions: ⇨ <i>Multiply % water in final product x gpd of Product produced for the previous calendar year</i> | | | | |

- Attach a water conservation plan and water audit for each facility.
- Attach documentation of actual quantities supplied to each customer.
- Attach documents from customer(s) quantifying the amount of water contained in the product and annual average gallons per day product produced.
- Attach documentation indicating that the additional facilities are moving into the service area, or that additional water is required for projected needs, and the associated Annual Average quantities are needed.

GRAND TOTAL SIGNIFICANT USE DEDUCTIONS: _____ gpd (sum the allowed deductions from Types A, B, C, D, and E.)