

**NON-RESIDENTIAL CONNECTION CHARGE CALCULATION METHODOLOGY**

**APPENDIX C-100**

**ERC Calculation Form**

December 2010

**PLEASE TYPE OR PRINT CLEARLY IN BLACK INK**

Level II Estimate       Final Calculation

Project Name: \_\_\_\_\_

PCU Project File Number: \_\_\_\_\_

**NOTE: The project's Civil Engineer shall not execute the Final Calculation.**

Architect / Mechanical Engineer (Plumbing) / Civil Engineer's Name:

\_\_\_\_\_

Architect / Mechanical Engineer (Plumbing) / Civil Engineer's Address:

\_\_\_\_\_

**By executing this form, the project's design professional as indicated above certifies to PCU that he/she has made a professional level determination of the water and wastewater ERC's that are to be generated by the proposed project. The project's design professional shall not be required to place his/her professional seal on the Level II Estimate.**

Architect / Mechanical Engineer (Plumbing) / Civil Engineer: (SEAL)

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

LDD/PCU Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_

Approved: \_\_\_\_\_ Denied/Resubmit: \_\_\_\_\_

Comments:

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Fixture Type (a) <b>(WATER)</b>	Fixture Unit Value	Number of Fixtures	FIXTURE UNIT VALUE TOTAL
Bath Tub	4		
Bidet	2		
Combination Fixture	4		
Dishwashing Machine (Domestic)	2.75		
Drinking Fountain	0.75		
Laundry Tray / Automatic Clothes Washer (b)	4		
Lavatory (Bathroom Sink)	2		
Shower	3		
Shower (Temperature Controlled)	3		
Sillcock/Hose Bib	5		
Service Sink	2.5		
Sink (Domestic)	3		
Urinal	15		
Water Closet (Flushometer Blowout Type)	35		
Water Closet (Flushometer Tank Type)	1.6		
Water Closet (Flushometer Siphonic Type)	25		
Water Closet (Tank Type, Close Coupled)	3		
Water Closet (Tank Type, One Piece)	6		
<b>FIXTURE UNIT VALUE TOTAL</b>			

**TOTAL WATER ERC'S:**

**FIXTURE UNIT VALUE TOTAL / (30 FIXTURE UNITS PER ERC) = \_\_\_\_\_**



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### APPENDIX C-100

### ERC Calculation Form

December 2010

A minimum of one (1) Water or Wastewater ERC shall be assessed for each portion of a development, business, structure, or other use that requires the issuance of a building permit.

Calculation results above one (1) ERC shall be rounded up to the nearest quarter of an ERC, i.e., 1.25, 1.50, 1.75, etc.

- a) Florida Plumbing Code 2007, Table 604.3 (as amended) where 1 gpm = 1 Fixture Unit Value.
- b) Amended from Florida Plumbing Code 2007, Table 604.3 (as amended) to include the term "Automatic Clothes Washer".
- c) Florida Plumbing Code 2007, Table 709.1 (as amended).
- d) Bathroom Groups may or may not include a bidet and/or an emergency floor drain. All fixtures shall be located together on the same floor level.
- e) Condensate Drains are not included in the Florida Plumbing Code 2007, Table 709.1 (as amended) but are included herein at a reduced fixture unit value to reflect flow to the sanitary sewer system.
- f) For trench type drains, add one fixture unit value (per trap size) for every 10 linear feet of trench drain.
- g) A showerhead over a bath tub or whirlpool bath tub does not increase the wastewater fixture unit values.
- h) Trap size shall be consistent with the fixture outlet size.
- i) For the purpose of computing wastewater loads, water closets or urinals shall not be rated at a lower fixture unit value unless the lower values are confirmed by third party test results.
- j) See Sections 709.2 through 709.4 of the Florida Plumbing Code 2007 (as amended) for methods of computing unit values of fixtures not listed or for rating of devices with intermittent flows.

#### NOTES:

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