Lower West Coast Water Use Regulation

William Foley, P.E.
Water Use Section Leader

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
Hot Topics

- Water Restrictions
- 10–Year Compliance Reports
Tools for Protection of Water Resources

- Consumptive Use Permitting
- Water Shortage Program
- Minimum Flows and Levels
- Reservations
Lake Okeechobee Service Area (LOSA)
“Three-Pronged” Test

- Reasonable - Beneficial Use
- Not Interfere With Existing Legal Use
- Consistent With Public Interest
Source Classification

- Permit All Sources
- Fresh vs. Saline Water
- Exempt Sources
Use Classes

- Public Water Supply
- Industrial / Commercial
- Irrigation
- Diversion & Impoundment
- Mining / Dewatering
Permit Types
(irrigation/industrial/commercial/PWS)

- Exempt Uses
- Minor General Permit
- Major General Permit
- Individual Permit
Application Review and Analysis

- **Demand**

vs.

- **Supply**
Other Required Information

- Facilities
- Legal Control
- Individual & Major General Permits
Permit Content

- Allocation
- Duration
- Facilities
- Limiting Conditions
<table>
<thead>
<tr>
<th>Permit Type Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Starting a New WUP Application</strong></td>
</tr>
<tr>
<td>- Which of the following types of applications are you requesting?</td>
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<tr>
<td>- A New Permit</td>
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<tr>
<td>- Renewal of Existing Permit</td>
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<tr>
<td>- Modification of Existing Permit</td>
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<tr>
<td>- Letter Modification</td>
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<tr>
<td>- Letter Modification w/Transfer</td>
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<tr>
<td><strong>Purpose:</strong></td>
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<tr>
<td>How will you be using the water?</td>
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</table>
## ePermitting Training

### South Florida Water Management District

<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>TIME</th>
<th>TRAINING TYPE</th>
</tr>
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<tbody>
<tr>
<td>May 11</td>
<td>1707 Orlando Central Parkway, Suite 200</td>
<td>1 - 4</td>
<td>Environmental Resource</td>
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<tr>
<td>May 12</td>
<td>Orlando, FL 32809</td>
<td>1 - 4</td>
<td>Consumptive Water Use</td>
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<tr>
<td>May 25</td>
<td>2660 Horseshoe Drive North</td>
<td>1 - 4</td>
<td>Environmental Resource</td>
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<td>May 26</td>
<td>Naples, FL 34104</td>
<td>1 - 4</td>
<td>Consumptive Water Use</td>
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<td>June 2</td>
<td>2301 McGregor Boulevard</td>
<td>1 - 4</td>
<td>Environmental Resource</td>
</tr>
<tr>
<td>June 3</td>
<td>Ft. Myers, FL 33901</td>
<td>1 - 4</td>
<td>Consumptive Water Use</td>
</tr>
</tbody>
</table>

- **Cathy Widness**
- **Phone** - (561) 682-6317
- **email** – cwidness@sfwmd.gov
Dewatering

- Overview
- Types of Dewatering
- Type of Permits
Types of Dewatering Permits

- “No-Notice” Short-Term
- Short-term General
- Individual
No-Notice Submittals

- When Applicable
- Why Do It
- What To Submit
Short-Term General Permits

- When Applicable
- Typical Uses
- Areas of Concern
- Items To Be Aware Of

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Individual Permits

- When Applicable / Typical Uses
- Applications
- Areas of Concern
- Potential Solutions
Hydraulic Trenches

TYPICAL INFILTRATION CONVEYANCE TRENCH.
(not to scale, dimensions are approximate)
Once A Permit Is Issued . . . .

■ Review Permit

■ Schedule Pre-Construction Meeting

■ During Construction
Best Management Practice’s (BMP’s)

Culverts Blocked

Silt fences not trenches
BMP’s
Turbidity
Turbidity
Turbidity
Off-Site Flows
Blow Out

SEP  8  2006
Unknown Hose/Discharge To Drain
Turbidity
Silt Run-off Into Mangroves
No BMP’s in Place for Pumping
Dewatering
Lower West Coast Regulatory Contacts

ERP PERMITTING
SUPERVISORS
- Dan Waters, P.E.
  - 338-2929 x 7763
  - dwaters@sfwmd.gov
- Laura Layman
  - 338-2929 x 7725
  - llayman@sfwmd.gov

GENERAL PERMITTING INFO
- Susan Milburn
  - 338-2929 x 7782
  - smilburn@sfwmd.gov

COMPLIANCE / ENFORCEMENT
SUPERVISORS
- Ken Kellum, P.E.
  - 339-2929 x 7793
  - kkellum@sfwmd.gov
- Melissa Roberts, P.E.
  - 338-2929 x 7795
  - mroberts@sfwmd.gov

CONVERSION/TRANSFERS
- Jennifer Krumlauf
  - (561) 682-2712
  - jkrumlauf@sfwmd.gov
Contacts – Water Use Regulation

SECTION LEADER
- William Foley, P.E.
  - 338-2929 x 7728
  - bfoley@sfwmd.gov

PERMITTING
- Noah Kugler, P.G.
  - 338-2929 x 7746
  - nkugler@sfwmd.gov
- John Randall
  - 338-2929 x 7711
  - jrandall@sfwmd.gov
- Mike Taylor, P.G.
  - 338-2929 x 7745
  - mtaylor@sfwmd.gov

COMPLIANCE
- Stephanie Lancaster
  (Lee County)
  - 338-2929 x 2055
  - slancast@sfwmd.gov
- Toby Schwetje
  (Charlotte, Collier & Hendry Counties)
  - 338-2929 x 7739
  - tschwetj@sfwmd.gov
- Julie Arrison
  - 338-2929 x 7737
  - jarrison@sfwmd.gov
- Scott Korf
  - 338-2929 x 7738
  - skorf@sfwmd.gov
Lower West Coast Partnering Session

- Presentation
  - Presentation will be posted on the District’s website and is available to download

- Next Regulatory Partnering Session
  - July 2011 – Overview of Dock Permitting
  - Please fill out the survey with topics you are interested in discussing at future meetings
Questions??