

Water Shortage Emergency Update & Action Items

Agenda Item #32



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**Agenda Item #32A:
City Of West Palm Beach Water Shortage Order**

Postponed to February

Agenda Item #32B – Lower West Coast Permits

- **Lower West Coast is only region in District with permit conditions prohibiting start of new water use**
- **All permitting criteria has been met**
- **Allocations are distributed throughout the region**
- **All users would immediately be subject to water shortage restrictions, so actual withdraws will be less than allocations**

Lower West Coast New Consumptive Use Allocated in Permits Issued Since April 2007

<u>Permit Type</u>	<u>Number</u>	<u>New Use Allocation (total)</u>	<u>Average/Project</u>
Minor GP	216	2.7 MGD	12,500 GPD
Major GP	6	0.7 MGD	116,000 GPD
Individual	5	2.68 MGD	536,000 GPD
Ind. Dewatering	1	7.28 MGD	7.28 MGD *
Total	228	13.4 MGD	58,700 GPD

* Mining dewatering recirculated onsite

Agenda Item #32B
Staff Recommendation

**Remove Limiting Condition on
Consumptive Use Permits Restricting Use
of New Water in the Lower West Coast on
permits issued since April 2007 and
pending applications**

Agenda Item #32C

Discussion Variance Requests

City of Cape Coral

Collier County

Lost Tree Club

Card Sound Golf Club

City of Cape Coral

- Requests residential & non-residential properties be allowed to irrigate two times a week to completely utilize the reclaimed water supply
- Reclaimed water produced weekly: 80 million gallons
Irrigation water used at once/week: 43 million gallons
- Denial would result in 37 million gallons of reclaimed water wasted weekly
- Recommend approval with agreed upon irrigation schedule

Collier County

- Requests minimal supplemental blending (4 million gallons per month) to allow complete utilization of the reclaimed water supply
- Reclaimed water users will be restricted to 3 days per week
- Denial would result in reuse water being wasted
- Recommend approval with schedule for irrigation
- Utility will communicate with users regarding conservation, xeriscape, and the restrictions

Lost Tree Club – North Palm Beach Card Sound Golf Club – Key Largo

- Requests for exemption from water restrictions because each club uses:
 - 100% Floridan water source
 - Reverse Osmosis treatment
- Staff recommends approval of these variances because of 100% use of alternative sources and no reliance on traditional sources

Agenda Item #32C - Variances

Staff Recommendation:

Approve Water Shortage Variances for:

- **City of Cape Coral**
- **Collier County**
- **Lost Tree Club**
- **Card Sound Golf Club**

Agenda Item #32D Expediting the Lake Region Treatment Plant

- Board received briefing on project from Palm Beach County last month
- Project is on schedule
- District asked PBC to try & expedite bringing new plant online sooner due to expected new record low lake stages



Lake Treatment Plant Funding

- \$500,000 in funding proposed to assist in covering overtime & additional costs associated with expediting plant
- Sufficient carry-over funds from the dedicated Alternative Water Supply funding source are available to cover costs

Agenda Item #32D

Expediting the Lake Region Treatment Plant

Staff Recommendation:

Approve funding assistance not to exceed \$500,000, for which dedicated funds are available from the Alternative Water Supply funding source, to Palm Beach County to accelerate completion and start-up of the Lake Region Water Treatment Plant