

Update on STA-1 East

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CESAJ-PD-ES

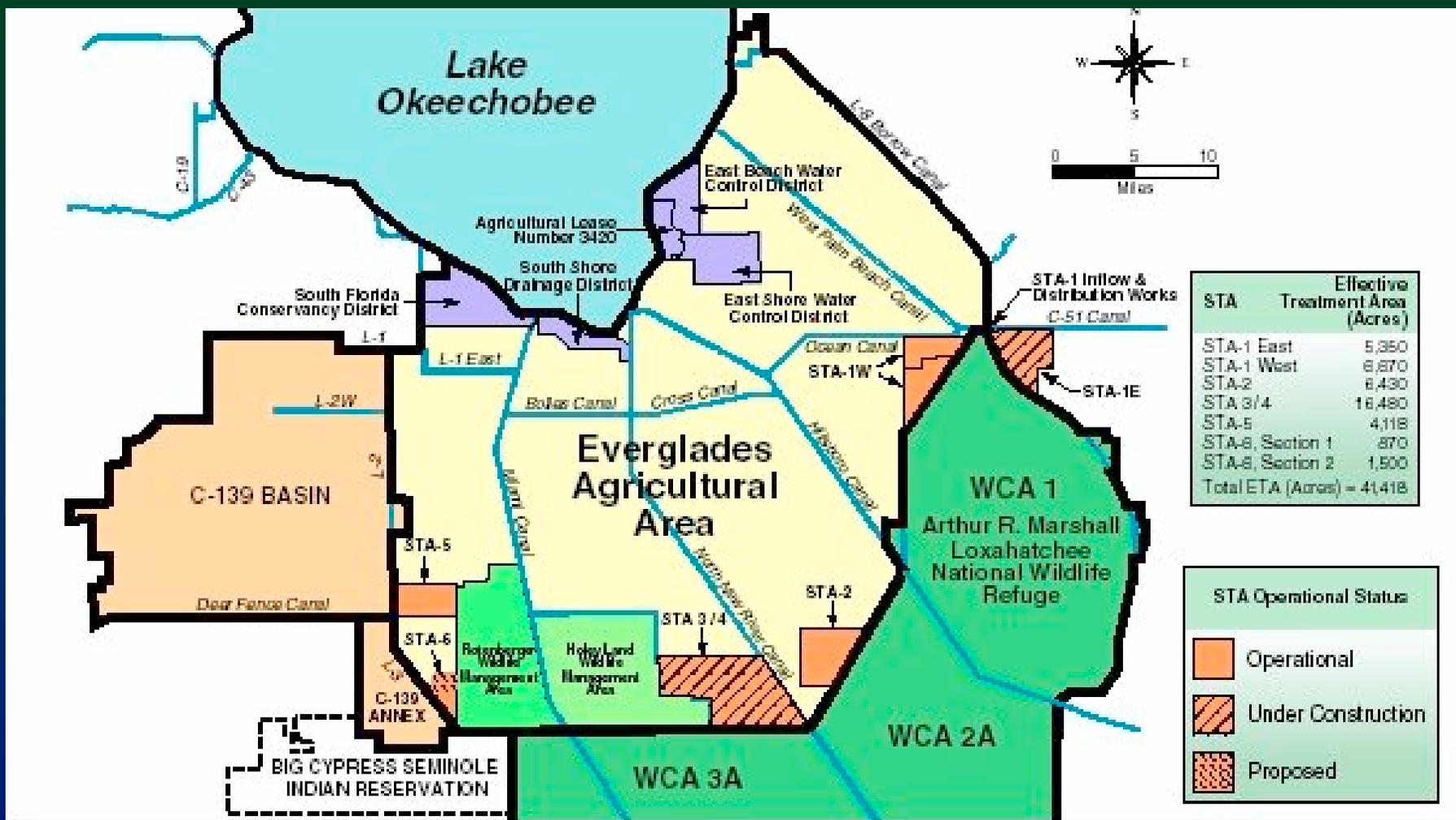
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Background

- Facility designed to reduce long-term flow-weighted average concentrations of total phosphorous in runoff from C-51 west drainage basin and part of runoff from Structure 5A basin (northwest of C-51)



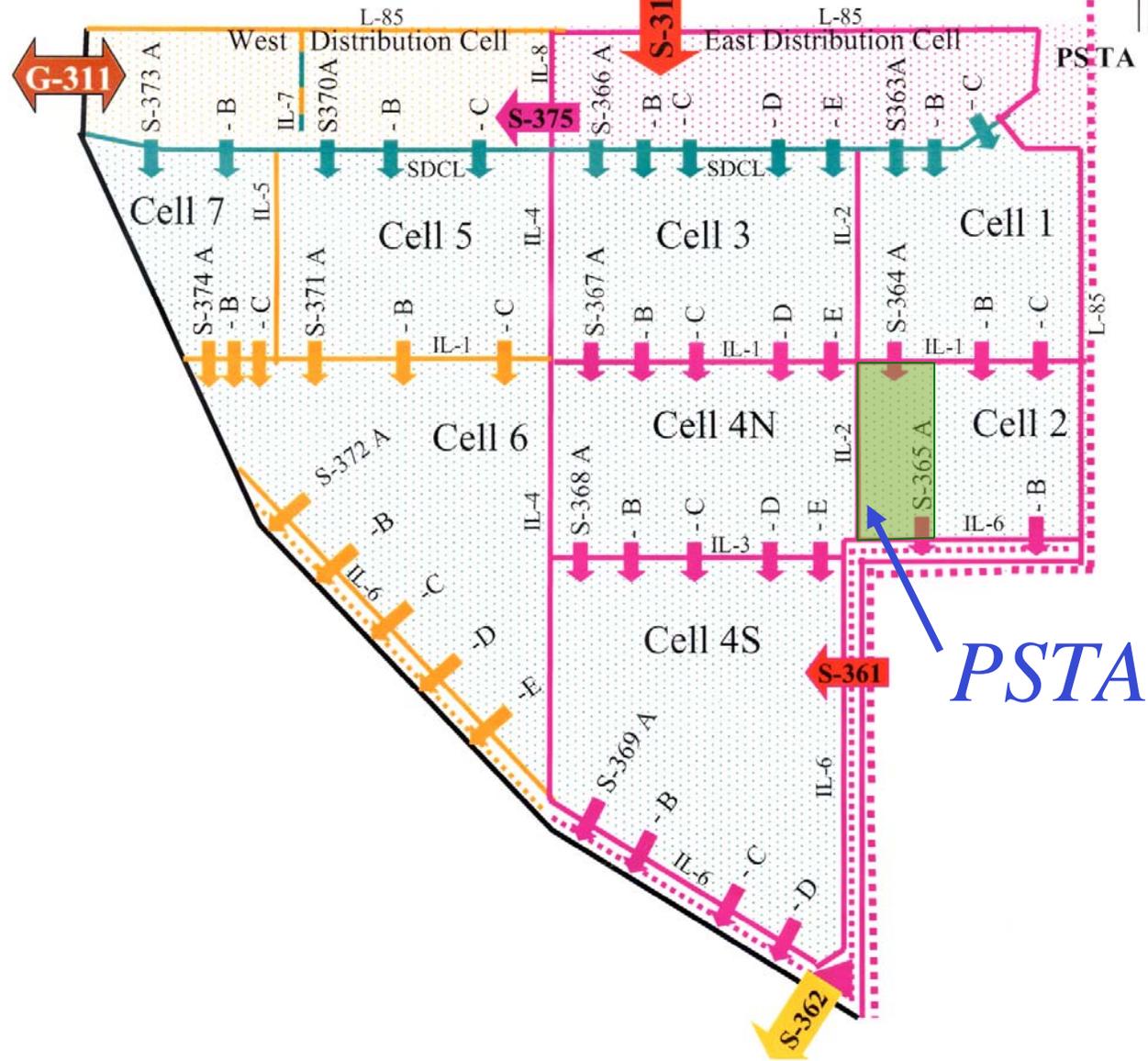


STA	Effective Treatment Area (Acres)
STA-1 East	5,360
STA-1 West	6,670
STA-2	6,430
STA 3/4	16,480
STA-5	4,118
STA-6, Section 1	870
STA-6, Section 2	1,500
Total ETA (Acres) = 41,418	

STA Operational Status

- Operational
- Under Construction
- Proposed

C-51 Canal



PSTA



Construction Contracts

- Contracts 2, 3 and 8 (Pumping Stations 319, 362 and 361)
- Contracts 5, 6 and 7 (STA-1E)
- Contract 4A (C-51 Improvements)
 - Warranty work
 - Claims
 - Hurricane repairs



Hurricane Operations

- Damage due to hurricanes to be repaired using Contracts 6 and 7
 - Work should start January 05
 - Structural work should be completed in about one month
 - Levies will take longer
- With subsequent releases, water levels are now at start-up conditions
- Rock crushing (for PSTA) hampered due to wet conditions



Environmental Issues

- NPDES permit undergoing DEP internal review
 - Start-up permit conditions will be to show net improvement (water coming out is better than going in)
- Final as-built grading: USACE still waiting for LIDAR data
- Air permits: request one-year extension
- PSTA: still negotiating with SAIC; last negotiation 24 Nov(?)
 - 60% plans and specs by mid-December



Environmental Issues

- L-40 design and EA:
- Berm downstream of S-362; dredging borrow canal up to 18,000 ft (3 miles)
- Canal surveyed 12+ miles for P, TOC, etc.
- Requested geotech analyses and surveys done by 4 Jan 05
- 2-phase construction: downstream of S-362 and monitor; determine if additional dredging necessary
- Meeting at LoxNWR, week of 10 Jan?



Additional Work Items

- Requested by SFWMD
- Fencing: contract not yet let
- Seepage Canal Culvert 3; Access Road Drains and S-362 Paving:
 - Modification to Contract 6
 - Construction to commence 90 days after 1 Jan 05



Operation Plan

- STA-1E Water control plan completed
 - Waiting for comments (agencies)
- Operation and Maintenance Manual also complete
 - Comments?



