



STAs and Related Projects Update



Quarterly Meeting of the
Technical Oversight Committee

January 29, 2009

Tracey Piccone, P.E.
South Florida Water Management District

**Everglades Protection Area Tributary Basins
Long-Term Plan for Achieving Water Quality Goals**



STA Performance Data

Updated Dec. 9, 2008 - Contains Preliminary Data



	STA-1E <i>Sep. 2004 – Nov. 2008</i>	STA-1W <i>Oct. 1993 – Nov. 2008</i>	STA-2 <i>June 1999 – Nov. 2008</i>	STA-3/4 <i>Oct. 2003 – Nov. 2008</i>	STA-5 <i>Oct. 1999 – Nov. 2008</i>	STA-6 <i>Oct. 1997 – Nov. 2008</i>
Average Inflow TP (ppb)	177	169	107	118	238	91
Average Outflow TP (ppb)	59	54	21	18	101	29
TP removed (m tons)	67	398	232	306	188	41

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STA Performance Data

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Previous Year (December 2007 – November 2008)

	STA-1E	STA-1W	STA-2	STA-3/4	STA-5	STA-6
Average Outflow TP (ppb)	21	36	19	14	56	87

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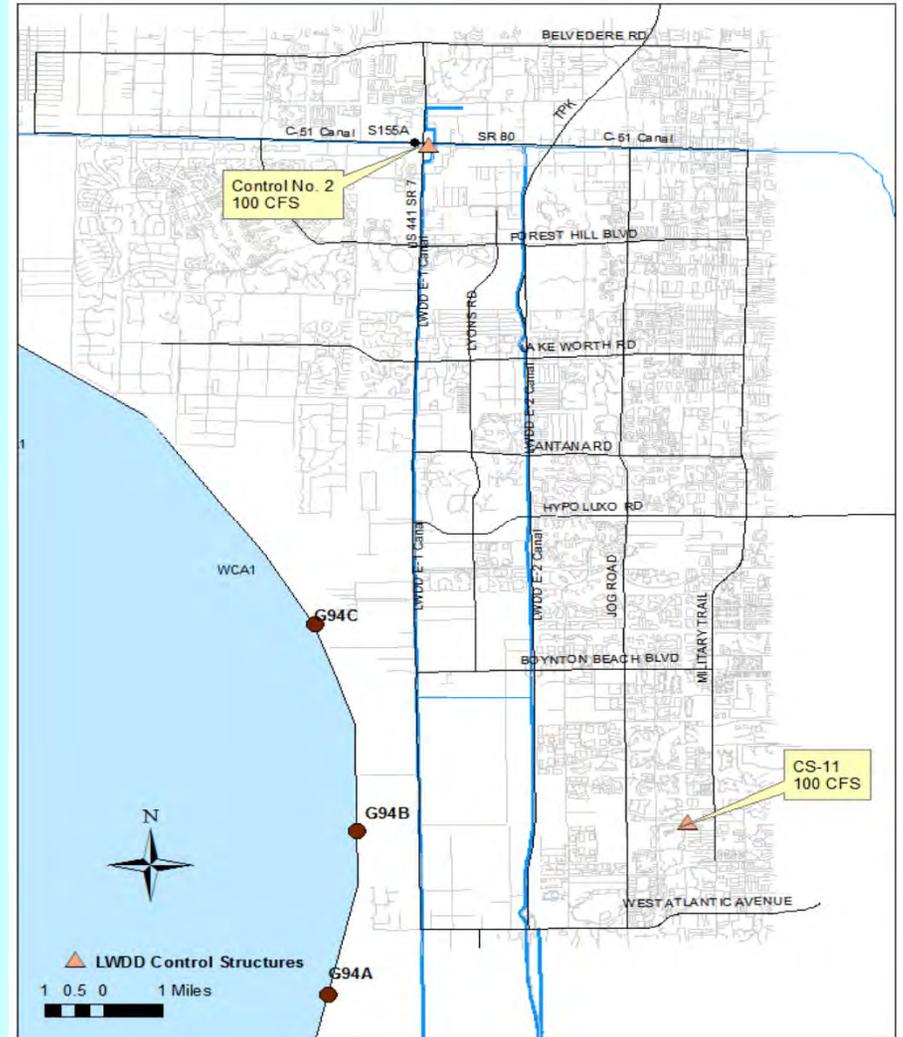
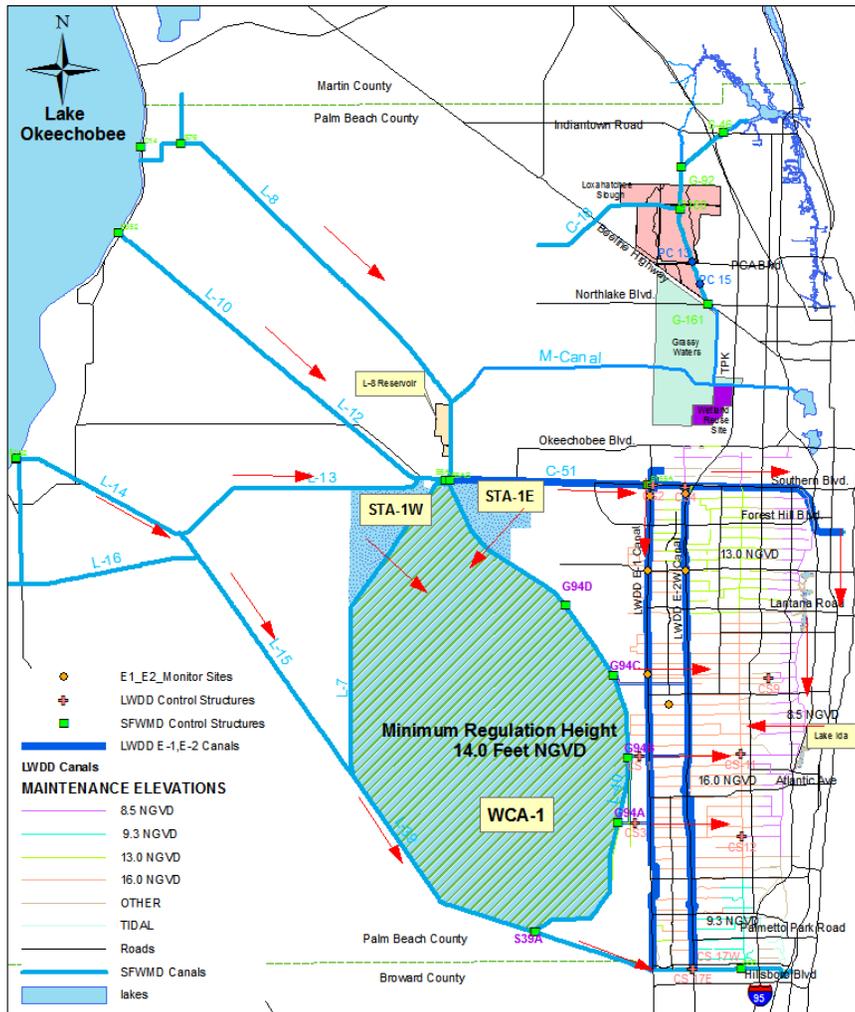
LWDD Water Supply Pumps



- Increase use of C-51W for water supply deliveries to Lake Worth Drainage District (LWDD)
 - Reduce use of Refuge for LWDD water supply
 - Reduce need for water supply deliveries to Refuge
 - Reduce potential impacts of Lake Okeechobee water supply deliveries on the Refuge
- Provide LWDD more operational flexibility
 - Capture local and eastern runoff and seepage
 - Reduce loss of valuable runoff to tide



LWDD Water Supply Pumps



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LWDD Water Supply Pumps



- Temporary pumps installed at Control No. 2 to test feasibility of moving water to LWDD along C-51 Canal
- Two-year test between 2005 and 2007



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LWDD Water Supply Pumps



- Recommendations resulting from pump tests
 - Install new 100 cfs pump at Control No. 11: Complete



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LWDD Water Supply Pumps



- Recommendations resulting from pump tests (cont.)
 - Replace Control No. 2 with new 100 cfs pump: Complete
 - Electrical work underway, testing to follow
 - \$600,000 project (50/50 cost share between SFWMD & LWDD)



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Meeting Notice



Sixth Annual Public Meeting on Implementation Progress of the Long-Term Plan

Wednesday, February 25, 2009

South Florida Water Management District
Headquarters

Building B-2, Conference Room 3W

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