



Status of STAs: Recovery and Enhancements

October 3, 2006
Technical Oversight
Committee

Rice with periphyton at STA-1W Cell 5B

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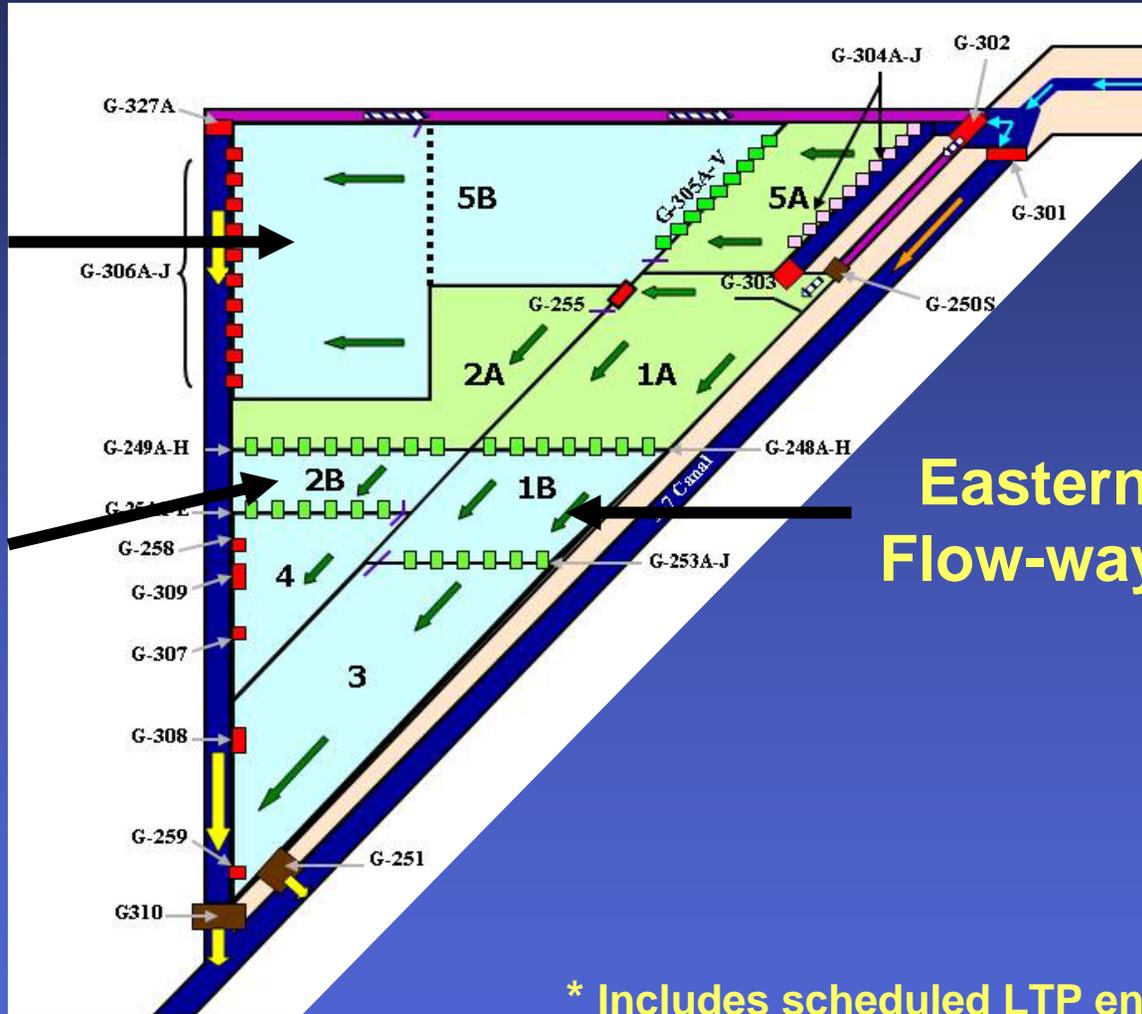


STA-1 West

Northern
Flow-way

Western
Flow-way

Eastern
Flow-way*



* Includes scheduled LTP enhancements

STA 1 West

Western Flowway (Cells 2A, 2B, 4)

- Offline for scheduled LTP enhancements
- Emergent vegetation growing in Cell 2A
- SAV Cells (2B and 4)
 - Rice planting
 - Inoculation

SAV Corrals



March 2006



March 2006



April 2006



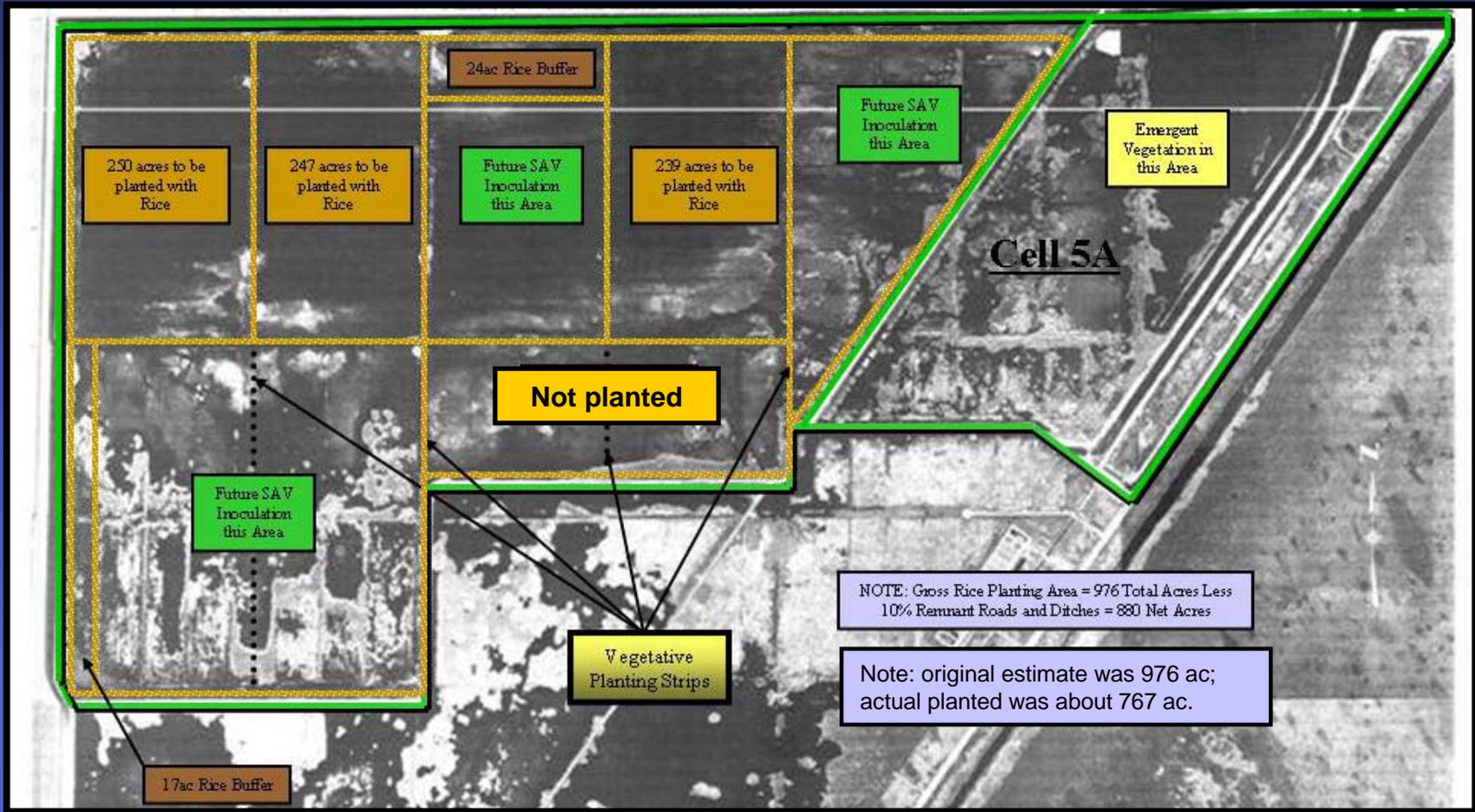
May 2006

STA 1 West

Northern Flowway (Cells 5A and 5B)

- Rice planting
- Restricted flow and water levels
- Improved water quality outflow
- Emergent vegetation strips planted
- G-304 structures being automated

STA 1 West Northern Flow Way Rice Planting



Rice Planting



Vegetation Strip Planting



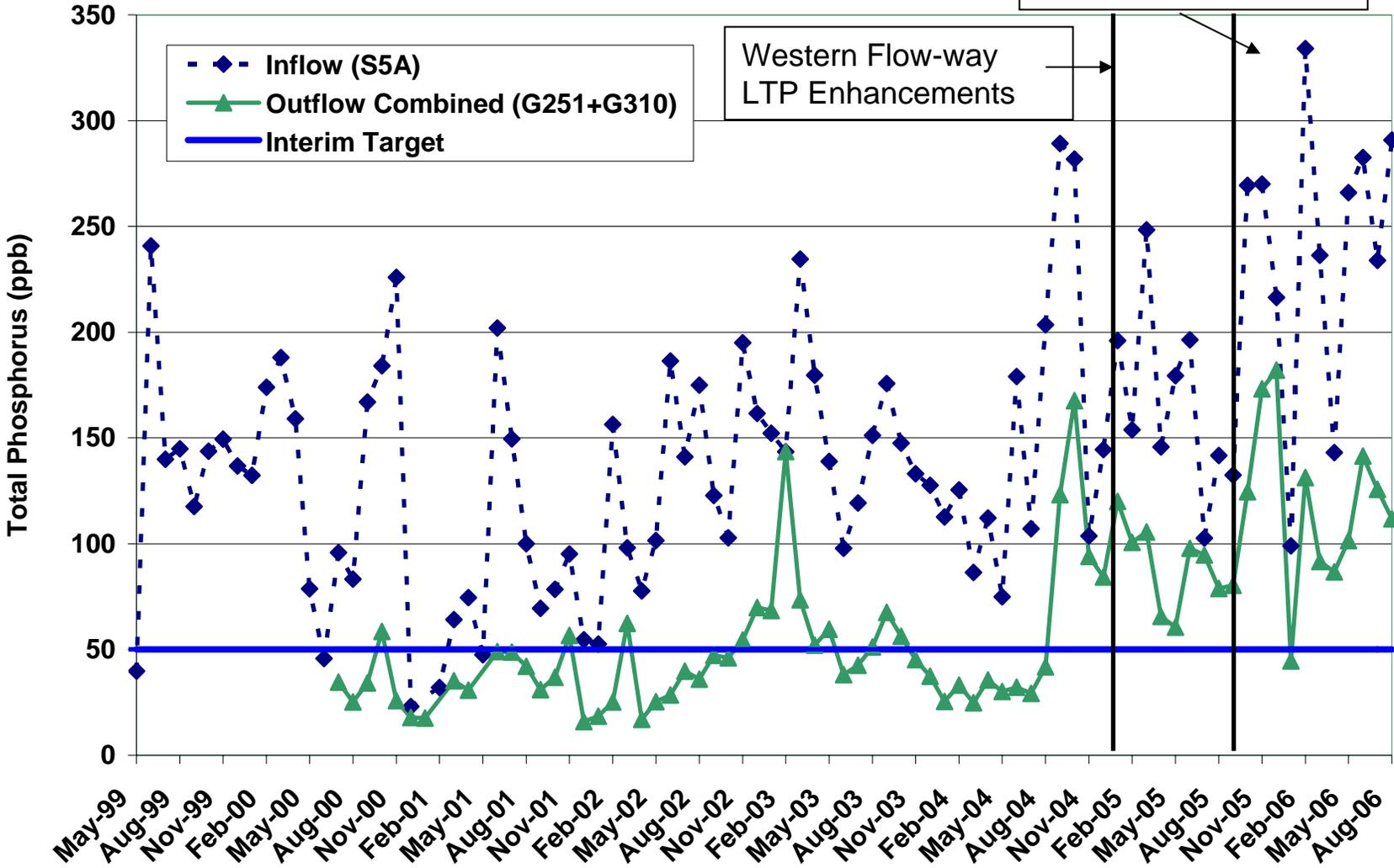
STA 1 West

Eastern Flowway (Cells 1 and 3)

- Online
- Levee to divide Cell 1 to be constructed this winter

STA-1W Total Monthly Flow-weighted Means
Preliminary Data

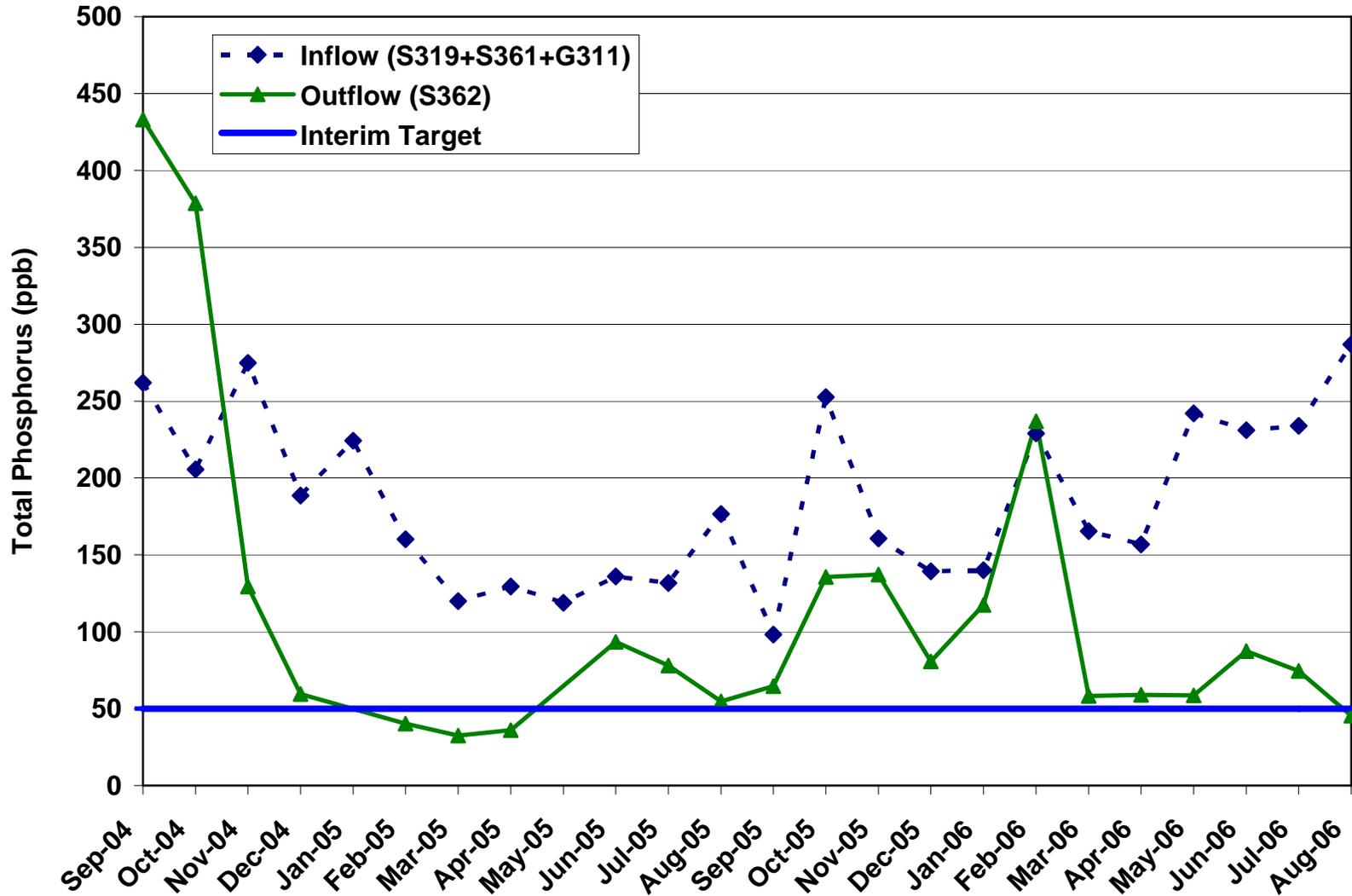
Northern Flow-way
Rehabilitation and
LTP Enhancements



STA 1 East

- Uneven flow distribution between western and central flow ways
- Considering addition of pump to inflow and distribution area

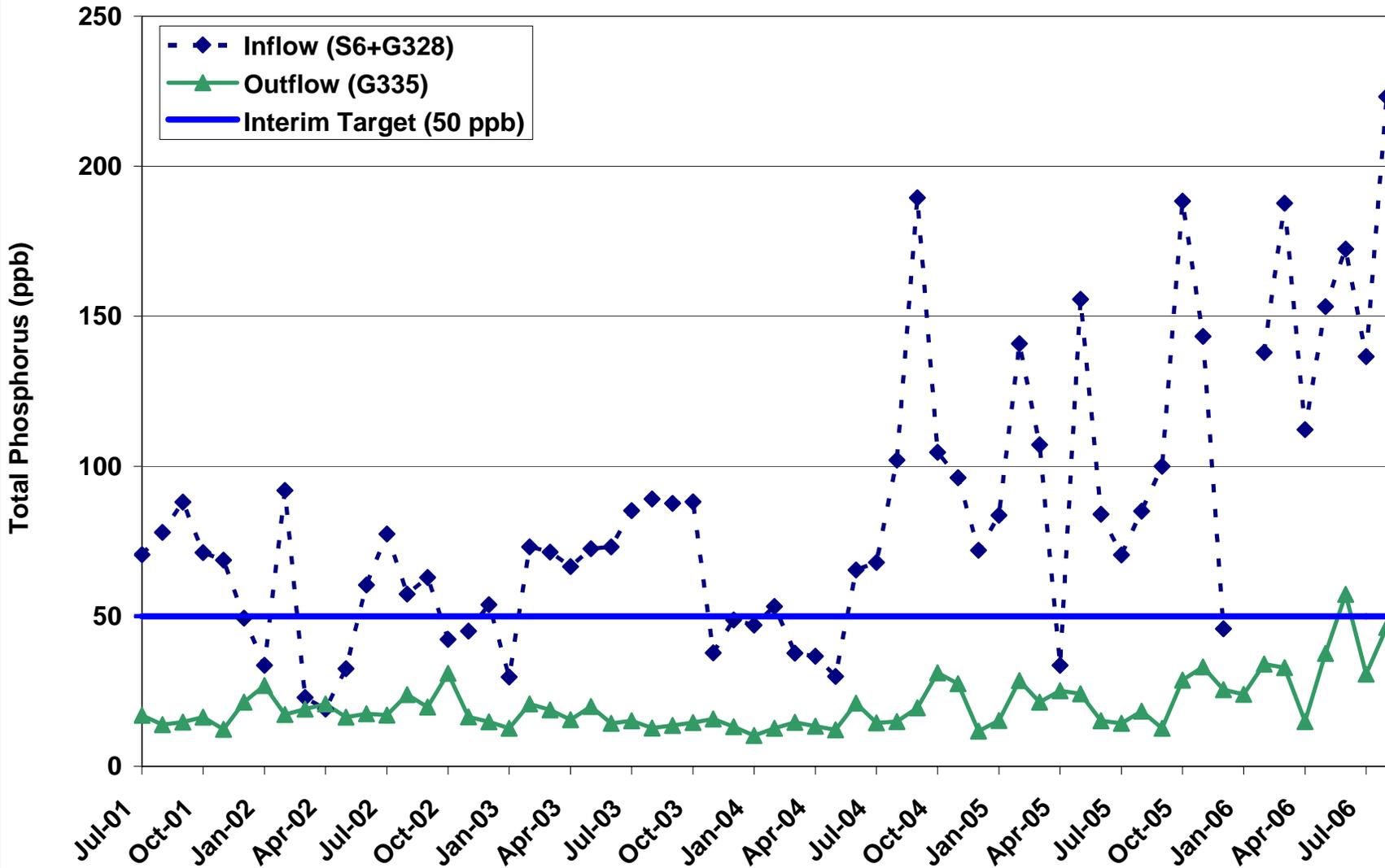
STA1E Total Monthly Flow-Weighted Means Preliminary Data



STA 2

- Central flow way (Cell 2) is receiving disproportionately high inflows

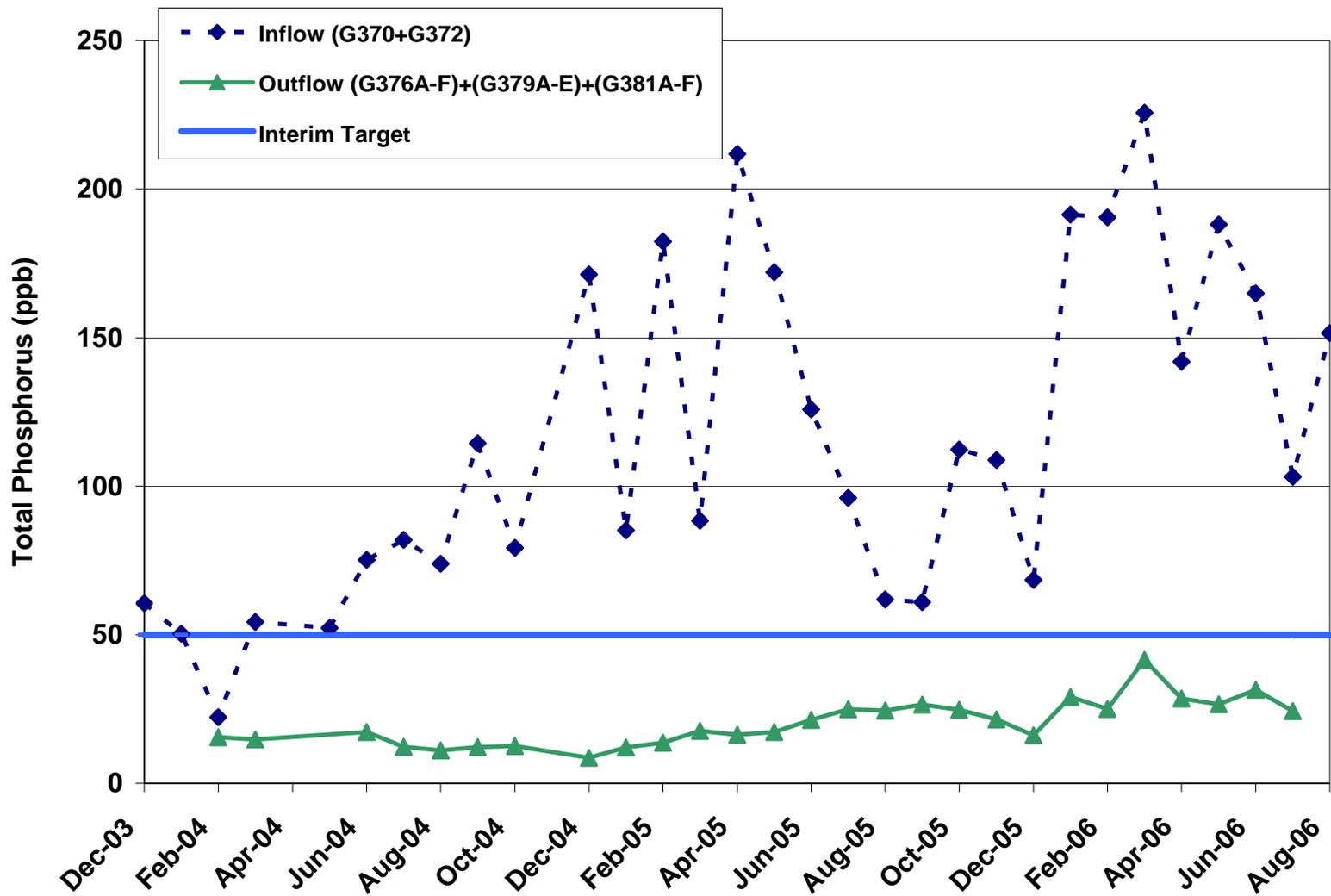
STA-2 Total Monthly Flow-Weighted Means
Preliminary Data



STA 3/4

- PSTA cells currently being operated manually; more detailed operation plan being developed
- Construction of public use facility will begin soon

STA 3/4 Total Monthly Flow-Weighted Means Preliminary Data

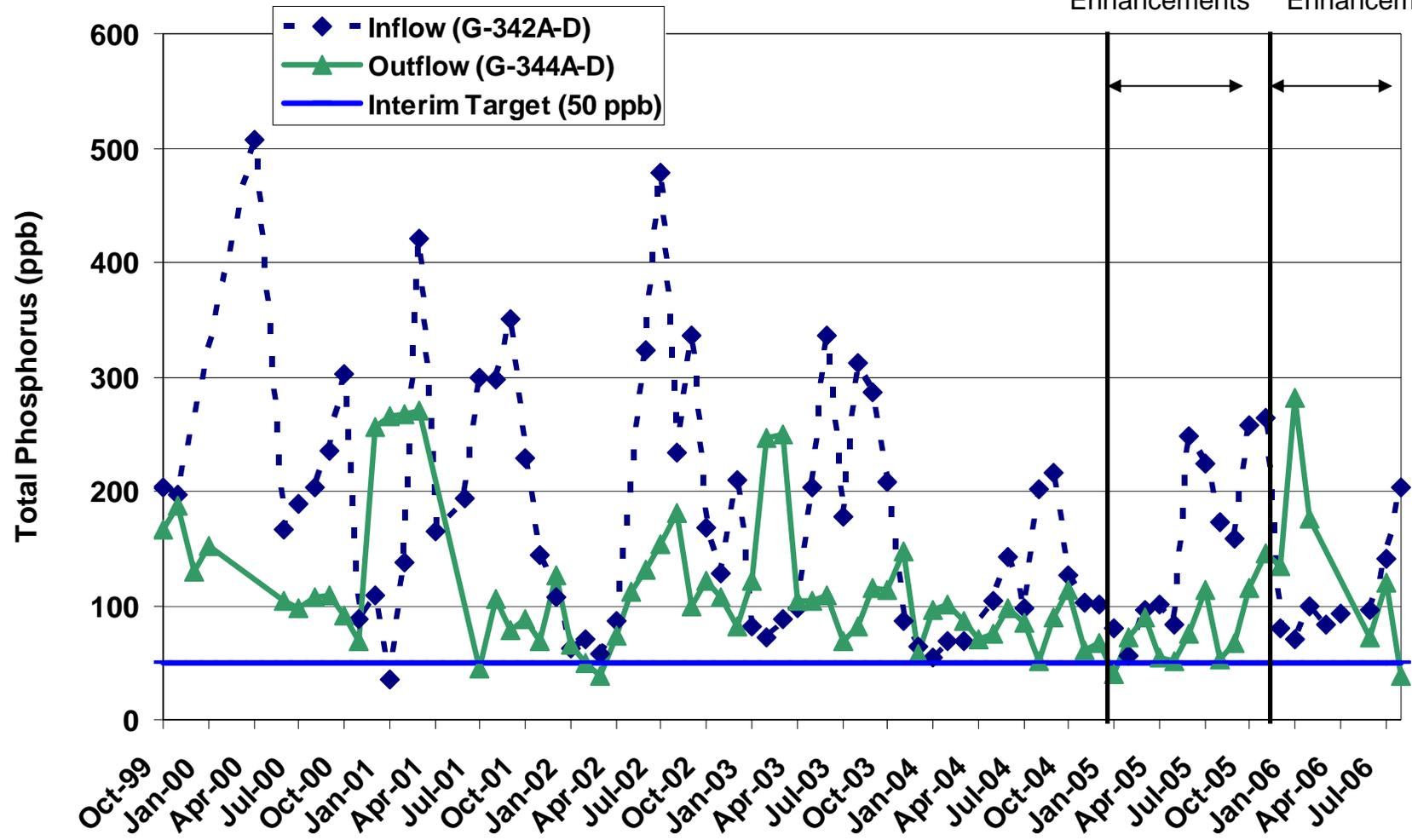


STA 5

- Approval received on 9/29 to resume southern flow way operations
- G-406 open for 24 days
- Water control structures in southern flow way are now automated
- G-410 operation suspended until P concentrations return below 70 ppb

STA-5 Total Monthly Flow-Weighted Means Preliminary Data

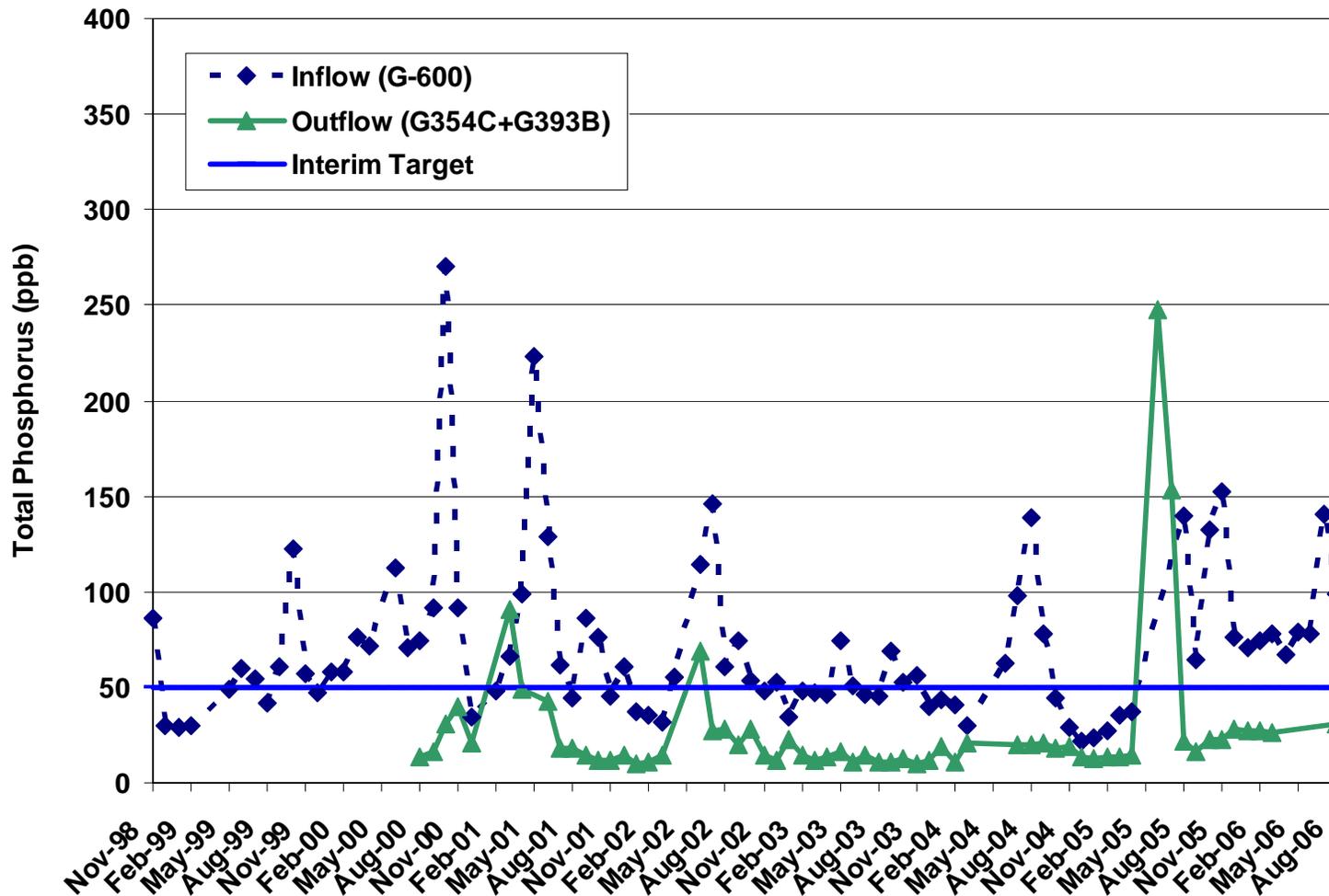
Northern Flow-
way LTP
Enhancements Southern Flow-
way LTP
Enhancements



STA 6

- On schedule for being flow capable by December 2006

STA-6 Total Monthly Flow-Weighted Means Preliminary Data



The outflow TP values from July 2006 are currently under review. There was no outflow from April through June 2006.

Other STA Activities

- Avian Protection Plan being developed
- Memorandum of Agreement to be executed with Everglades Protection District for optimization of research



Migratory black-necked stilts (Himantopus mexicanus) in STAs.