Phosphorus Controls for the Refuge

- Diversion
- Basin Loads
- BMP's
- STA Expansion
- STA Optimization
- STA's

Bypass Reduction

- Hydraulic Improvements
- Rim Canal
- Control Point

- Marsh
- Marsh Stage & Outflow Regulation
- Rim-Driven
- Rain-Driven

- Dynamic P Gradient
- Compliance Sites
- Diagnostic Sites
- Enhanced Monitoring & Modeling
## CONTROL POINTS

**1994 Plan** | **NEW**
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**BMP’s**<br>Existing BMP Program in EAA | x<br>ACME BMP Program | x<br>LTP BMP Enhancements ????? | x<br>DEP Investigation of Point Sources/ East Beach | x
**Diversion**<br>Modified LTP - Balance Loads Among STAs | x<br>L8 Basin | ?<br>Divert Lake Releases to Other STA's | x<br>Improve Water Supply Deliveries
**Bypass Reduction**<br>Improved Operational Plans | x<br>STA Hydraulic Improvements (LTP) | x<br>ACME Diversion | x
**STA Expansion**<br>STA1W | x<br>STAE | x<br>Modified LTP - STA Expansion in Other Basins | x<br>LTP Other Expansion in S5A Basin | x
**STA Optimization**<br>LTP Operational Refinements | x<br>LTP Vegetation Conversion | x<br>LTP Compartmentalization | x<br>LTP Vegetation Management | x<br>Operation in Design Envelope ( Depths, Flows) | x<br>STA1E PSTA | x<br>Improvements from PDE / Adaptive Mgt | x
**Hydraulic Improvements**<br>L40 Dredging etc.. To Reduce STA1E Intrusion | x
**Marsh Stage & Outflow Reguation**<br>New Initiative - Refuge | x<br>July 2003 Regional Review | x