

CENTRAL EVERGLADES PLANNING PROJECT



CEPP Plan Formulation Overview

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Component Interdependancy

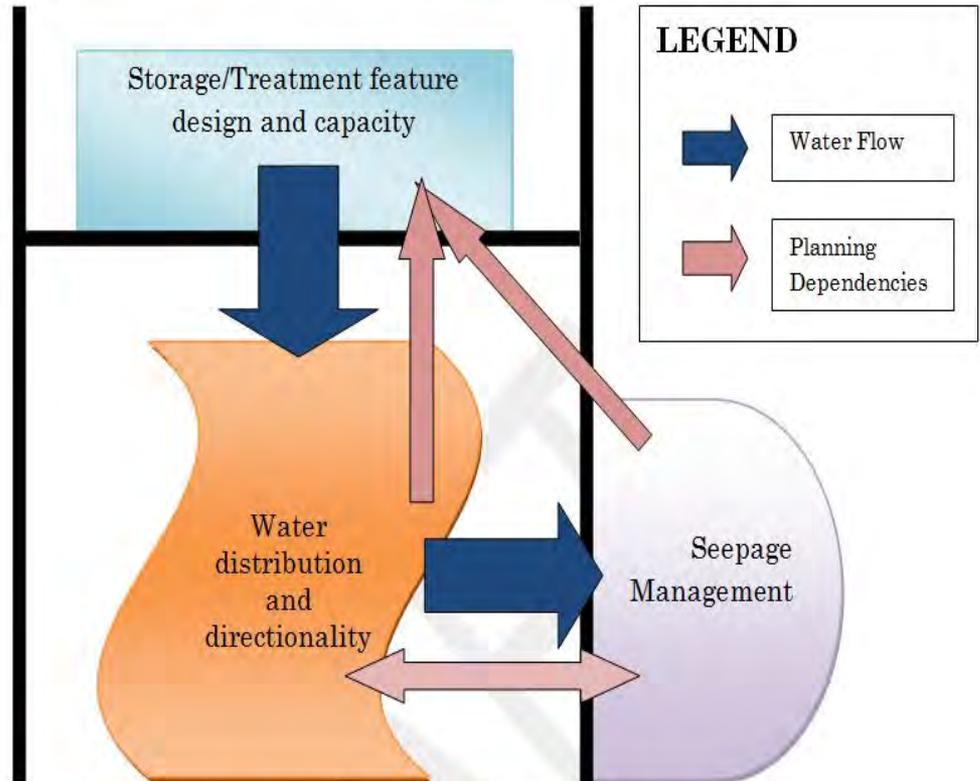
Quantity and Quality:

- Benefits are dependent upon having the conveyance and distribution features necessary to ensure water is going where needed.

Conveyance and Distribution:

- Benefits are dependent on having enough clean water to ensure system is not over-drained.

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Seepage Management:

- Benefits are dependent upon ensuring water is retained in the natural system and planning constraints are met.

CEPP PLAN FORMULATION FRAMEWORK



TREATMENT / STORAGE

CONVEYANCE/DISTRIBUTION/SEEPAGE

INITIAL SCREENING

RANGE OF QUANTITY/QUALITY MEASURES

SCREEN AND OPTIMIZE
(RESOPS, Eco-criteria, Cost)

Option A

Option B

WATER BUDGET

COMBINE OPTION A AND OPTION B
WITH CONVEYANCE, DISTRIBUTION
AND SEEPAGE MEASURES

NOTE: Potentially large number of combinations

SCREEN AND OPTIMIZE
(RSM, Parametric Costs, Eco-Criteria)

A1 A3 A7 B2 B3 B6

Final Array of Alternatives

DETAILED EVALUATION
(Ecological benefits, Planning-level Costs,
CE/ICA, P&G criteria, System of Accounts)

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PRIOR PROJECT MANAGEMENT MEASURES

- YELLOW BOOK (CERP)
- *EVERGLADES AGRICULTURAL AREA STORAGE RESERVOIR (EAA)*
- *DECOMPARTMENTALIZATION OF WATER CONSERVATION AREA 3 (DECOMP)*
- *TAMIAMI TRAIL PROJECTS*
- MODIFIED WATER DELIVERIES
- BROWARD COUNTY WATER PRESERVE AREAS
- EVERGLADES NATIONAL PARK SEEPAGE MANAGEMENT (ENPSM)
- RIVER OF GRASS - SFWMD
- OTHER RELATED EVERGLADES PROJECTS

CEPP PLAN FORMULATION DEFINITIONS

Management Measure:

Building blocks of alternative plans---both structural and non-structural features or activities that address one or more planning objectives; examples include stormwater treatment areas, reservoirs, spreader canals...etc.

Component:

One or more management measures that can be implemented at a specific geographic site.

Alternative:

A set of one or more components that function together to provide a system-based, regional restoration approach to address one or more project planning objectives and avoid planning constraints.