A bold and aggressive action plan

LAKE OKEECHOBEE & ESTUARY RECOVERY

LOER

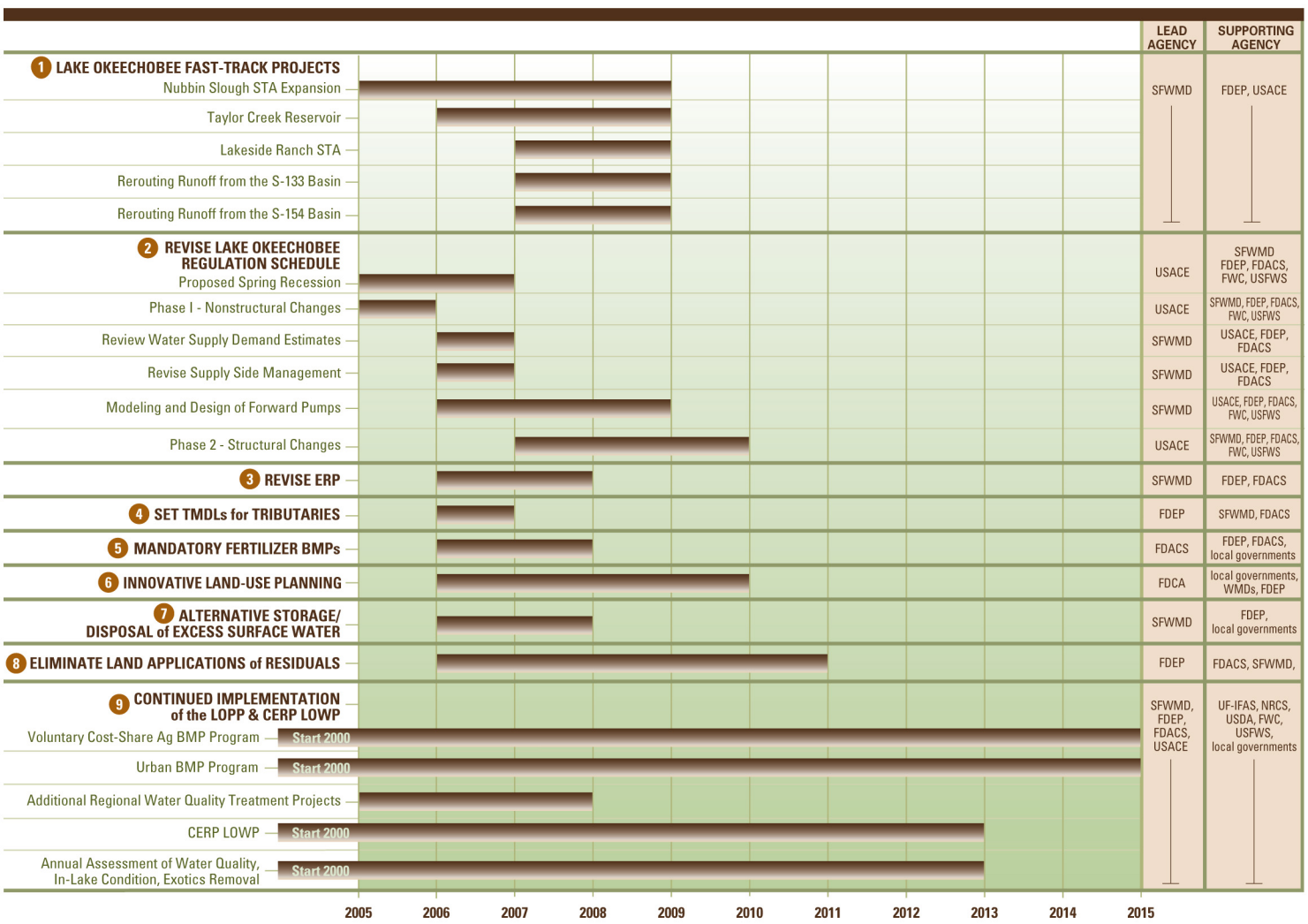
AND THE St. Lucie AND Caloosahatchee ESTUARIES

MEASURABLE IMPROVEMENTS TO THE HEALTH OF Lake Okeechobee

Expedited PROJECTS AND INNOVATIVE TEAMWORK WILL MAKE

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Lake Okeechobee & Estuary Recovery Plan



LOER PLAN BENEFITS

IMPROVE WATER QUALITY

- Lake Okeechobee Fast-Track Projects
- Revise ERP
- Set TMDLs for Tributaries
- Mandatory Fertilizer BMPs
- Eliminate Land Applications of Residuals
- Continued Implementation of LOPP & CERP LOWP

EXPAND WATER STORAGE

- Lake Okeechobee Fast-Track Projects
- Revise ERP
- Alternative Storage/Disposal of Excess Surface Water
- Continued Implementation of LOPP & CERP LOWP

FACILITATE LAND ACQUISITION

- Innovative Land-Use Planning

ENHANCE LAKE HEALTH

- Revise Lake Okeechobee Regulation Schedule
- Continue Implementation of LOPP & CERP LOWP

ACRONYMS

BMPs – Best Management Practices
CERP – Comprehensive Everglades Restoration Plan
ERP – Environmental Resource Permit
FDACS – Florida Department of Agriculture and Consumer Services
FDEP – Florida Department of Environmental Protection
FWC – Florida Fish and Wildlife Conservation Commission
LOER – Lake Okeechobee & Estuary Recovery
LOPP – Lake Okeechobee Protection Plan
LOWP – Lake Okeechobee Watershed Project
NRCS - Natural Resources Conservation Service
SFWMD – South Florida Water Management District
STA – Stormwater Treatment Area
TMDL – Total Maximum Daily Load
UF-IFAS – University of Florida – Institute of Food and Agricultural Sciences
USACE – U.S. Army Corps of Engineers
USDA – U.S. Department of Agriculture
USFWS – U.S. Fish & Wildlife Service
WMDs – Water Management Districts

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Taylor Creek Reservoir

- Storage for holding water before treatment in an STA
- 4,000-acre footprint, holding 32,000 acre-feet of water
- Removes about 3-5 metric tons of phosphorus/year

Rerouting Runoff from the S-154 Basin

- Canals and pumps to divert stormwater runoff into an STA for treatment
- Keeps untreated water from entering the southern end of the Kissimmee River (C-38 canal)

Nubbin Slough STA Expansion

- Constructed wetland for treating basin runoff before it enters the lake
- Approximately 1,600 acres in size
- Removes about 22-24 metric tons of phosphorus/year

Lakeside Ranch STA

- Constructed wetland for treating basin runoff before it enters the lake
- Approximately 2,700 acres in size
- Removes about 39-48 metric tons of phosphorus/year

Rerouting Runoff from the S-133 Basin

- Canals and pumps to divert stormwater runoff into an STA for treatment
- Includes runoff from the City of Okeechobee
- Additional connection moves only treated water into Lake Okeechobee

SUMTER
SEMINOLE
LAKE
ORANGE
OSCEOLA
BREVARD
HILLSBOROUGH
INDIAN RIVER
OKEECHOBEE
ST. LUCIE
MARTIN
DE SOTO
SARASOTA
GLADES
CHARLOTTE
PALM BEACH
HENDRY
LEE
BROWARD
COLLIER
MIAMI-DADE
MONROE

Kissimmee River Restoration

Lake Okeechobee Watershed

St. Lucie Estuary Watershed

Caloosahatchee River Watershed

LAKE OKEECHOBEE

C-44 RESERVOIR STA

C-43 WEST RESERVOIR

EAA RESERVOIR L-21 Bolles Canal

EAA RESERVOIR L-16 Cross Canal

EAA RESERVOIR PHASE I & II

EAA - STA 5 & 6 EXPANSION

EAA - STA 2 EXPANSION

Sta1W
Sta1E
Sta2
Sta3 & 4
Sta5
Sta6

WCA 1
WCA 2A
WCA 2B
WCA 3A
WCA 3B

S10E
S10D
S10C
S10A
S11C
S11B
S11A
S12B
S12C
S12D
S12E
S12A
S12F

EVERGLADES NATIONAL PARK

GULF OF MEXICO

ATLANTIC OCEAN

Lake Okeechobee Fast-Track Projects
Acceler8 Projects
Structures

N
W
E
S

10 5 0 10 20
Miles

LAKE OKEECHOBEE & ESTUARY RECOVERY
Fast-Track Projects

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