Ecosystem Restoration Update

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Agenda

- Restoration Progress
- Next Steps
1. **Kissimmee River Restoration**
   - 130,000 acre feet of natural floodplain storage
   - Slows the flow of water from basin into Lake Okeechobee
   - Backfilling work ongoing; 2 construction contracts remain for project

2. **Lake Okeechobee Watershed Project**
   - Planning efforts began in July 2016
   - Storage and treatment north of Lake Okeechobee
Eastern Everglades

1. Indian River Lagoon-South
   - 60,500 acre feet of storage between the reservoir and stormwater treatment area
   - 90,000 acres of natural areas/53,000 acres of restored wetlands + 9,000 acres of manmade wetlands

2. Loxahatchee River Watershed Restoration
   - Currently developing proposed features for evaluation and review
   - Anticipate Tentatively Selected Plan by spring 2017

3. Broward County Water Preserve Areas
   - 10,800 acre feet of storage
   - Project Partnership Agreement (PPA) executed in August 2016, project now eligible for construction appropriations
   - Anticipate contract award in 2017
C-44 Reservoir and STA

- Toe drain test for reservoir
- Pump station
- STA spillway
- C-133A canal
- System discharge canal

3,400 ACRES
50,600 acre-feet of storage

6,300 ACRES
9,900 acre-feet of storage
Central Everglades

1. **Central Everglades Planning Project**
   - Authorized in 2016 Water Infrastructure Improvements for the Nation (WIIN) Act
   - Will put necessary conveyance features in place to enable water to flow south from Lake Okeechobee.
   - Will convey an additional 200,000 acre feet of water from Lake Okeechobee south

*What does congressional authorization mean?*
- Congressional authorization makes projects eligible for funding in future spending bills
- Authorization does **not** provide funding
Western Everglades

1. Picayune Strand Restoration Project
   - Restores 55,000 acres, including important Florida panther habitat
   - 3 Pump Stations: Merritt (completed), Faka Union (completed), Miller (2018)
   - Additional funding authorized in WIIN Act that will allow completion of protection features

2. C-43 Western Basin Storage Reservoir
   - Signed agreement in May 2016 enabling SFWMD to begin construction
   - 170,000 acre feet of storage

3. Western Everglades Restoration Project
   - Planning efforts began in July 2016
   - Improve quality, quantity, timing and distribution of water in western Everglades
Southern Everglades

1. **Modified Water Deliveries to ENP**
   - Construction on final contract for flood mitigation nearing completion
   - Increment 1 Field Test ongoing

2. **C-111 South Dade**
   - 9,500 acre feet of storage, reduces seepage, provides flood protection to restore Taylor Slough and eastern ENP
   - Awarded 2 construction contracts this past year
   - Provides critical infrastructure needed to send more water south

3. **Biscayne Bay Coastal Wetlands**
   - Awarded construction contract in September 2016
   - Executed PPA in August 2016, enabling construction contract to be awarded
Next Steps

1. **EAA Storage Reservoir**
   - Next major planning effort identified in the Integrated Delivery Schedule.

2. **Lake Okeechobee Regulation Schedule (LORS)**
   - Study on regulation schedule will be initiated once rehabilitation efforts have been completed.

3. **Biscayne Bay Coastal Wetlands – Phase 2**
   - Working to develop path forward for Phase 2 of project.
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