

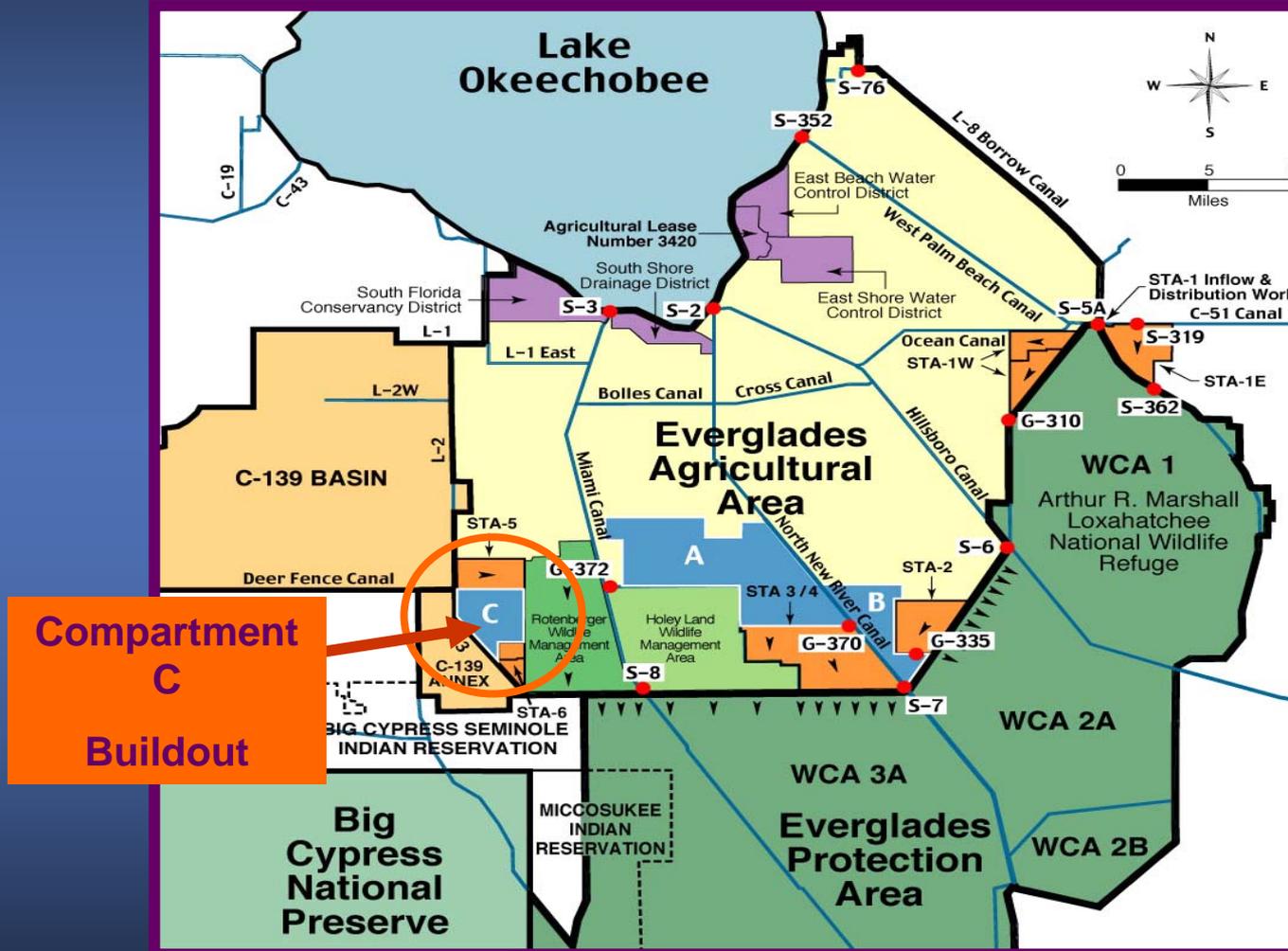
# Compartment B & C Buildouts Stormwater Treatment Areas

Project and Lands Committee Meeting  
February 11, 2009

Jeffrey R. Kivett, P.E.  
Engineering Department Director  
Everglades Restoration Resource Area



# Location of Compartment C Buildout



## **Compartment C Buildout Schedule**

- ✓ **Pump Procurement Contract with MWI – November 2008**
- ✓ **Florida Department Environmental Protection Permit – January 30, 2009**
- **U.S. Army Corps 404 Permit – March, 2009**
- **FPL Distribution Contract – March 2009 Board**
- **Stormwater Treatment Area Civil Works Construction Contracts Award, pending receipt of 404 permit – March 2009 Board**
- **Pump Station Contract Award – August 2009**

## **Environmental Impact Statement Record of Decision Timeline**

<b>February 2007</b>	<b>Started Federal process</b>
<b>October 2008</b>	<b>Planned Record of Decision Date from U.S. Army Corps of Engineers</b>
<b>January 5, 2009</b>	<b>Revised date, USACE coordination with the Department of Interior and receiving model outputs</b>
<b>January 19, 2009</b>	<b>Revised date, USACE coordination with Seminole Tribe</b>
<b>February 10, 2009</b>	<b>Revised date, USACE to ensure consideration of public comments prior to Record of Decision</b>
<b>February 28, 2009</b>	<b>Current Expected Date for Receipt of Record of Decision</b>

## **Land Use Change from Department of Interior**

- **Prior to start of construction of Compartment C Buildout, the U.S. Fish & Wildlife Service (FWS) must provide approval of interim change of land use of the Talisman lands acquired with the 1996 Farm Bill funding.**
- **The approval of interim land use change will be provided once the 404 permit is issued.**

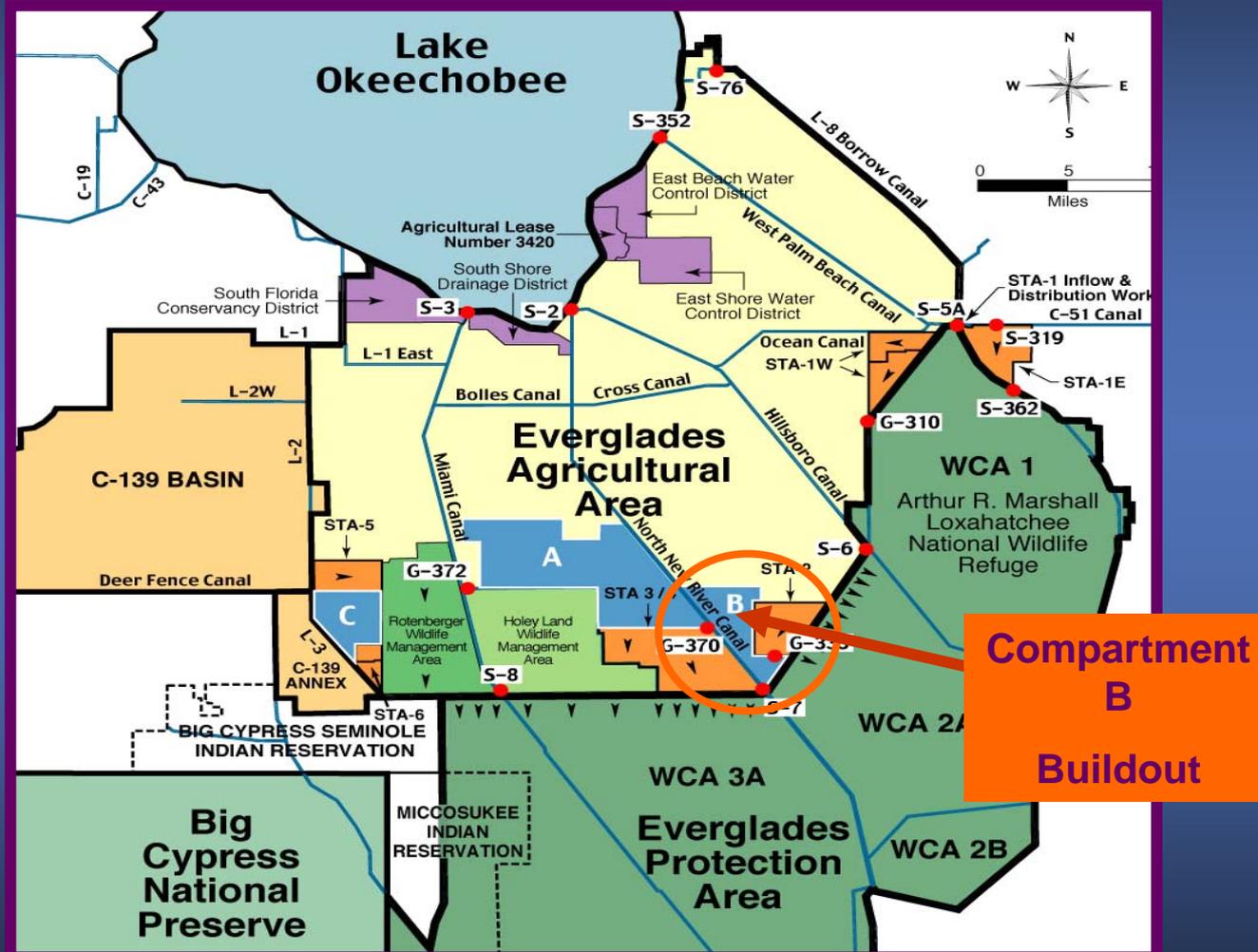
# Compartment C Buildout Civil Works Bid Summary

RFB Advertised:	<u>October 27, 2008</u>
Bid Opening:	<u>December 10, 2008</u>
Number of Bids Received:	<u>12</u>
Bid Range:	<u>\$45,100,000 - \$77,203,468</u> Low Bid deemed non-responsive
Engineer's Estimate:	<u>\$85,000,000 - \$95,000,000</u>
Apparent Low Bidder:	<u>Harry Pepper &amp; Associates, Inc.</u> <u>@ \$47,541,973</u>

## **Reasons for Engineer's Estimates Disparity with Bids**

- **Estimates completed prior to October 2008 economic downturn**
- **Estimates completed when commodities cost rising such as:**
  - **Fuel**
  - **Steel**
  - **Concrete**
- **Very competitive market due to collapse of land development work**
- **Adjusting estimates based on current economy**

# Location of Compartment B Buildout



## **Compartment B Buildout Schedule**

- ✓ **STA Civil Works Final Design – October 2008**
- ✓ **Receive Bids for North and South Buildouts – Dec. 2008**
- **Florida Department of Environmental Protection and USACE 404 Permits – March 2009**
- **FPL Distribution Contract and Land Exchange Agreement – March 2009 Board**
- **Pump Procurement Contract Execution – March 2009**
- **North and South Buildouts Civil Works Construction Contracts, pending receipt of permits – April 2009**
- **Contract Award Pump Stations – August 2009**

# Compartment B North Buildout Bid Summary

RFB Advertised:	<u>October 30, 2008</u>
Bid Opening:	<u>December 11, 2008</u>
Number of Bids received:	<u>13</u>
Bid Range:	<u>\$14,104,453 - \$35,629,351</u> Low Bid deemed non-responsive
Engineer's Estimate:	<u>\$29,000,000 to \$33,000,000</u>
Apparent Low Bidder:	<u>Triple R Paving, Inc.</u> <u>@ \$17,474,383</u>

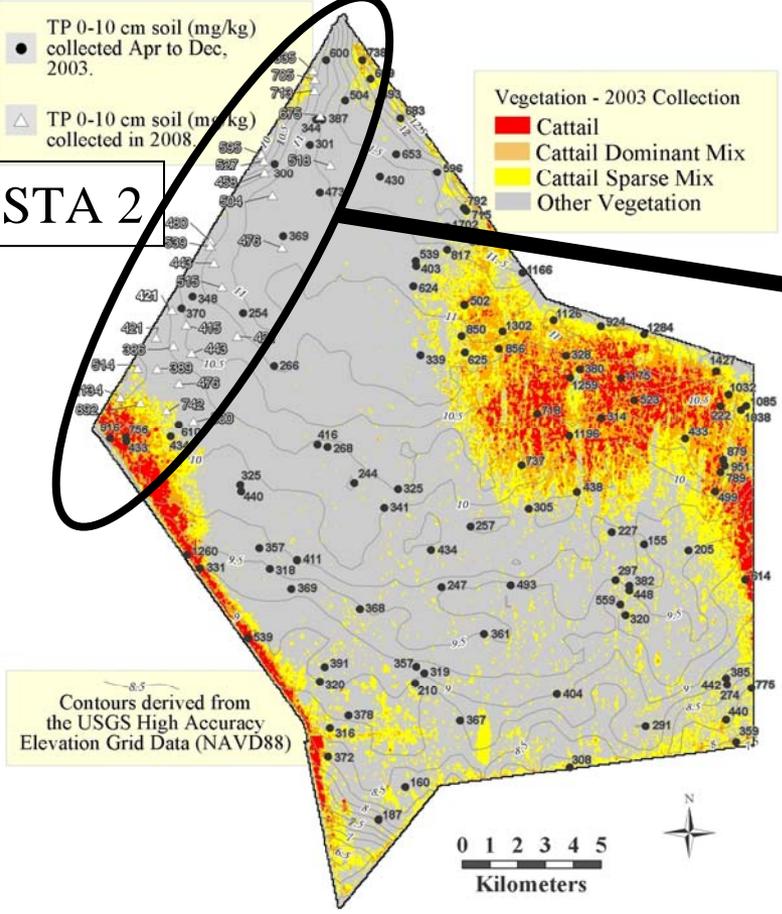
# Compartment B South Buildout Bid Summary

RFB Advertised:	<u>November 6, 2008</u>
Bid Opening:	<u>December 16, 2008</u>
Number of Bids received:	<u>15</u>
Bid Range:	<u>\$14,234,726 - \$23,100,000</u> Low Bid deemed responsive
Engineer's Estimate:	<u>\$24,000,000 to \$27,000,000</u>
Apparent Low Bidder:	<u>Lodge Construction, Inc.</u> <u>@ \$14,234,726</u>

## **STATUS OF COMPARTMENT B PERMIT**

- **Permits expected by April Governing Board**
- **Permit condition may require redesign of discharge at L-6 Canal**

### Water Conservation Area 2A

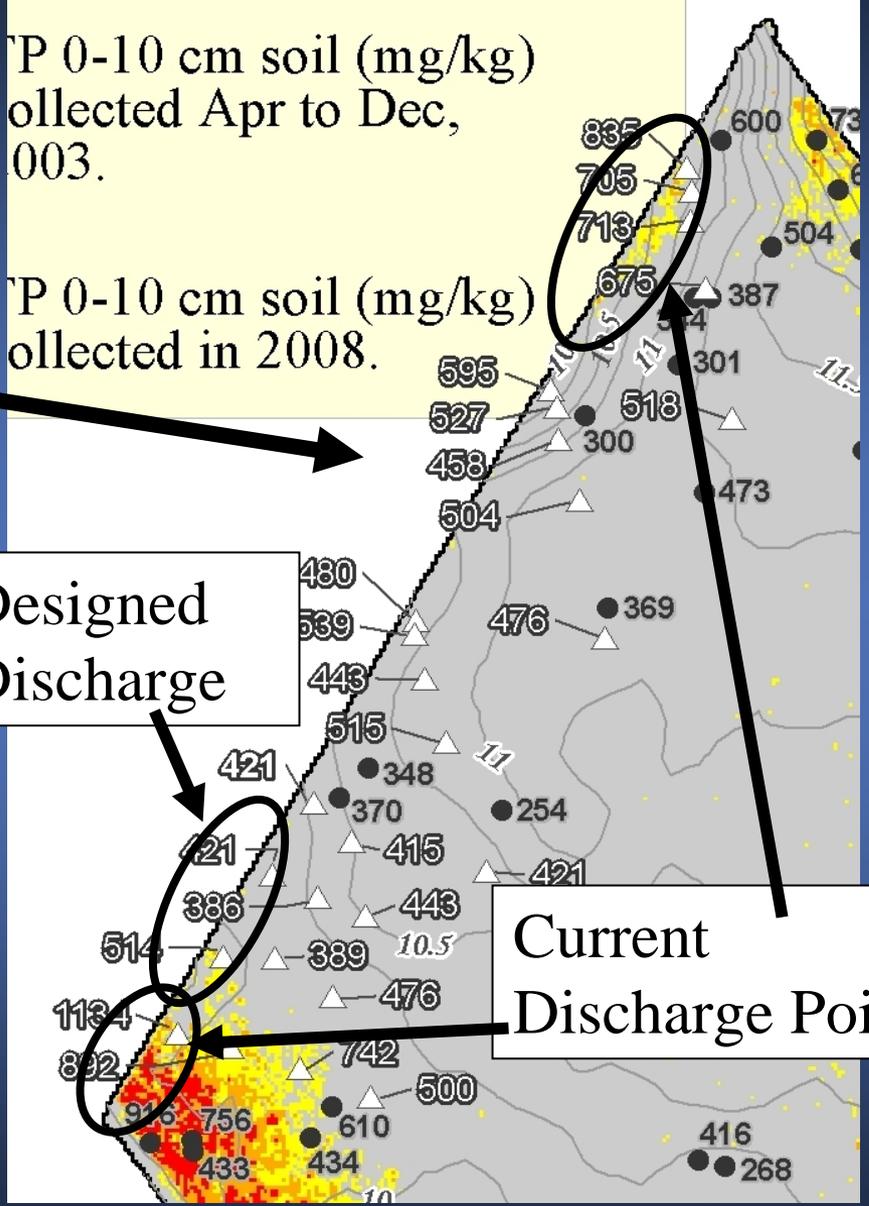


TP 0-10 cm soil (mg/kg) collected Apr to Dec, 2003.

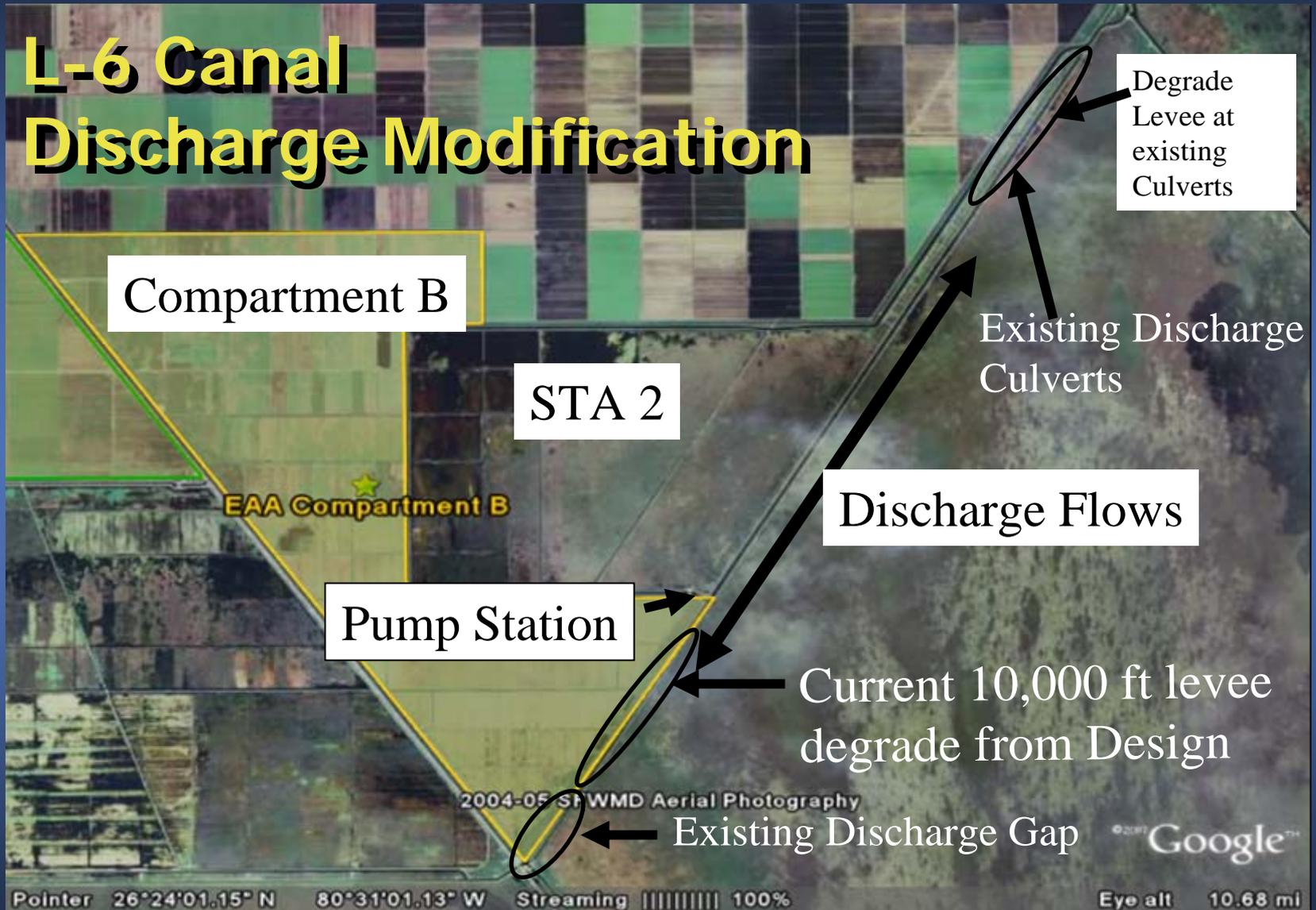
TP 0-10 cm soil (mg/kg) collected in 2008.

Designed Discharge

Current Discharge Points



# L-6 Canal Discharge Modification



## **L-6 Canal Modification Constraints**

- **Hydraulic conditions in the L-6 Canal and relationship with stage in WCA-2A**
- **Minimal changes to current flow to south**
- **Minimal impacts to existing STA 2 discharge pump station (G335)**
- **Minimal impact to new Compartment B discharge pump station (G-436)**

An aerial photograph of a vast water management area, likely a reservoir or canal system. The water is a deep blue color, interspersed with green and brownish vegetation. A multi-lane highway runs horizontally across the middle of the image. The word "Questions?" is written in large, bold, yellow letters with a black outline, centered over the water area.

**Questions?**