# Certification Update: PEN 1 & PEN 2 Levees

**Field Investigation Phase** 



# PEN 1

- 62 borings total
- 49 borings on land, 13 overwater
- Avg. spacing between boring groups = 1,030 feet
- Borings average 30 to 60 feet in depth, with a few up to 100 feet



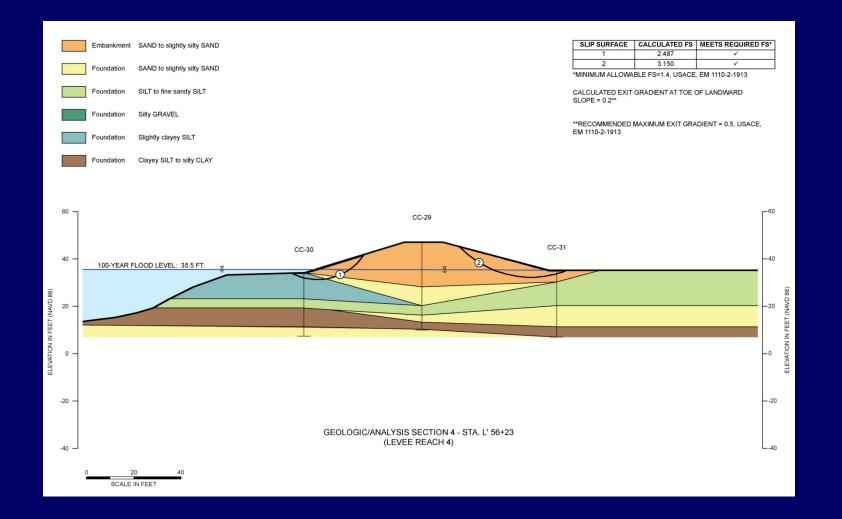
# PEN 2

- 74 borings total
- 51 borings on land, 23 overwater
- Avg. spacing between boring groups = 1,010 feet
- Borings average 30 to 60 feet in depth, with a few up to 90 feet





### **Geologic Section**



### PEN 1 – Landward Toe



### PEN 1 – Landward Toe



### PEN 2 – Riverward Toe



#### PEN 2 – Landward Toe



# PEN 2 – Crest Boring

