

S12D Maintenance Monitoring Plan

Monitoring Challenges and Solutions

A joint project of the
SFWMD and ENP

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S12D, S333 and S12C are part of the Settlement Agreement Compliance Network



S12D and S333 Compliance Monitoring Points are on the upstream side of the structures



Dredging operations and the aquadam will prevent routine monitoring of the S12D station

Double
Turbidity
Barrier

Aquadam



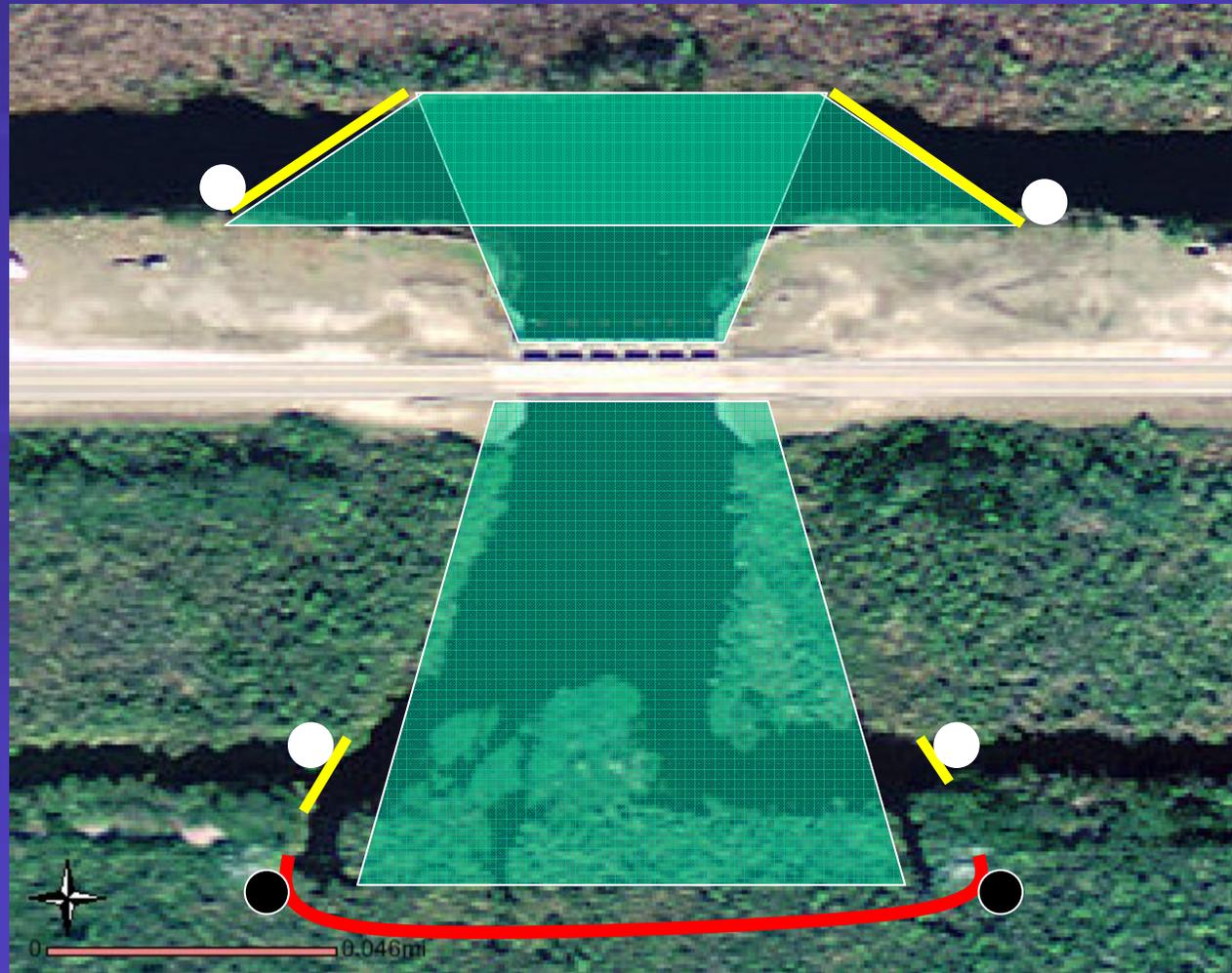
Hourly (During Operations) Monitoring of Turbidity and Conductivity near S12D

Double
Turbidity
Barrier

Aquadam

Turbidity,
Temperature,
Specific
Conductivity

Temperature,
Specific
Conductivity
Deployed
probes



Hourly (during operations) Monitoring



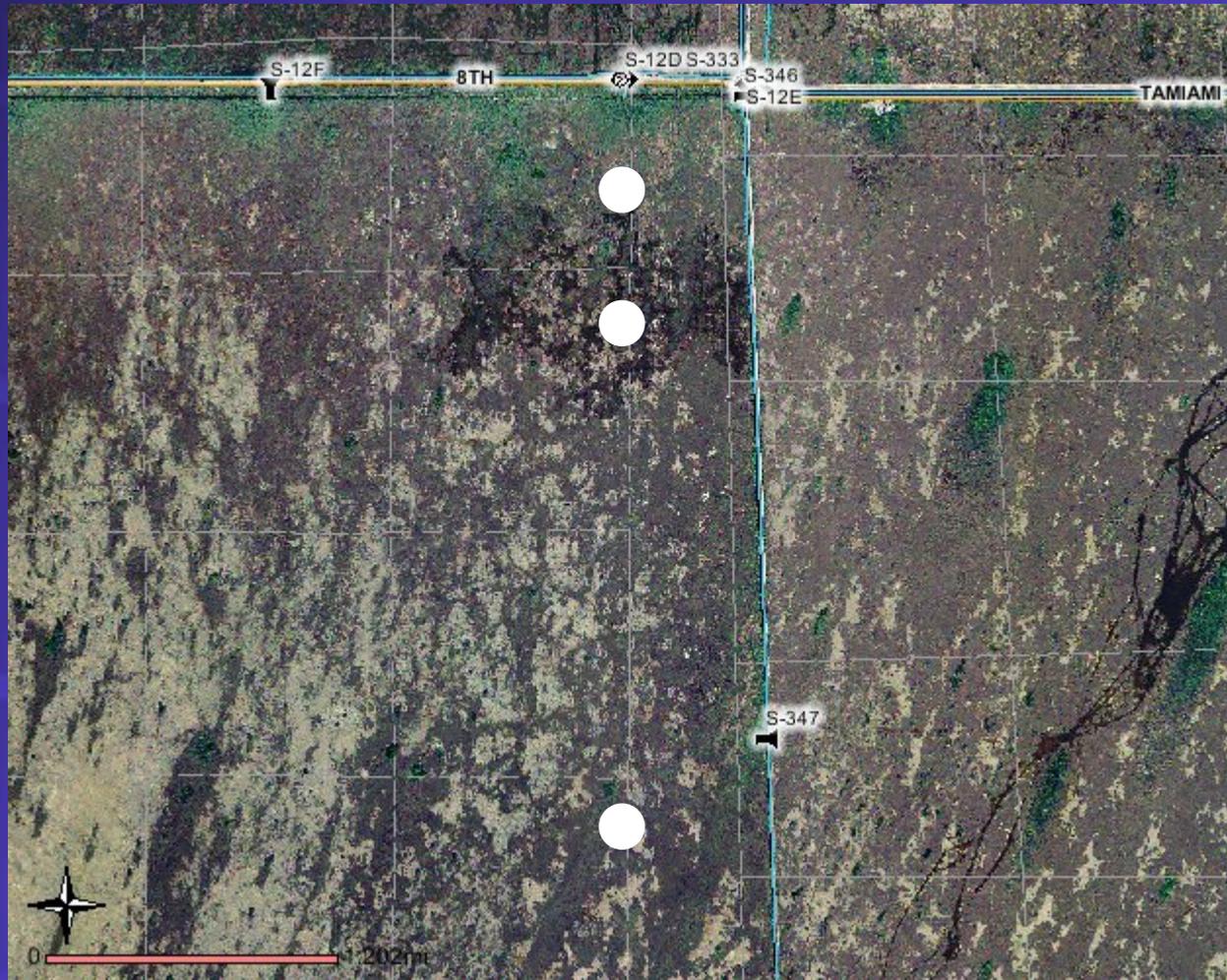
- Turbidity, Temperature, Specific Conductivity
- Temperature, Specific Conductivity Deployed probes

Monthly Monitoring of Water Quality at 4 Stations



- In situ parameters
- Turbidity
- TSS
- TP
- OPO4
- TKN
- NOX
- Cl
- Ca
- SO4

Monthly Monitoring of Water Quality at 3 Marsh Stations



- In situ parameters
 - Turbidity
 - TSS
 - TP
 - OPO4
 - TKN
 - NOX
 - Cl
 - Ca
 - SO4

Questions?

