

Work Task C59: Selenium Monitoring in Created Backwater and Marsh Habitat

FY11 Estimate	FY11 Actual Obligations	Cumulative Expenditures Through FY11	FY12 Approved Estimate	FY13 Proposed Estimate	FY14 Proposed Estimate	FY15 Proposed Estimate
\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$250,000

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Start Date: FY13

Expected Duration: FY15

Long-term Goal: To develop a long-term selenium monitoring plan for the LCR MSCP.

Conservation Measures: MRM2 MRM5 (BONY, RASU, CLRA, BLRA).

Location: Created backwater and marsh land cover types within the LCR MSCP planning area.

Purpose: Monitor selenium levels in created backwater and marsh land cover types and provide information necessary to adaptively manage these sites.

Connections with Other Work Tasks (past and future): Monitoring for selenium will be conducted for habitat created through Section E work tasks (E1, E9, E14, E15, E16, E25, E27, and E28), and will be incorporated into post-development monitoring tasks listed in Section F (F1, F3, F5, and F7).

Project Description: As described in the conservation measures, the LCR MSCP is developing 512 acres of marsh and 360 acres of backwaters as part of its habitat creation goals. These created habitats will be monitored over the term of the LCR MSCP to ensure that they maintain their function for all associated covered species. This study will develop a protocol for evaluating selenium levels within these created habitats. This protocol will then be used to develop a long-term selenium monitoring plan as required by the Habitat Conservation Plan.

Previous Activities: N/A

FY11 Accomplishments: New start in FY13.

FY12 Activities: New start in FY13.

Proposed FY13 Activities: A brief literature review will be conducted in early FY13 to gather background information on selenium sampling for backwater and marsh land cover types.

A study plan and a protocol for gathering and analyzing samples will also be developed in FY13 with the intent of initiating field work by the start of the second quarter.

Pertinent Reports: The study plan and future annual reports will be posted to the LCR MSCP website upon completion.