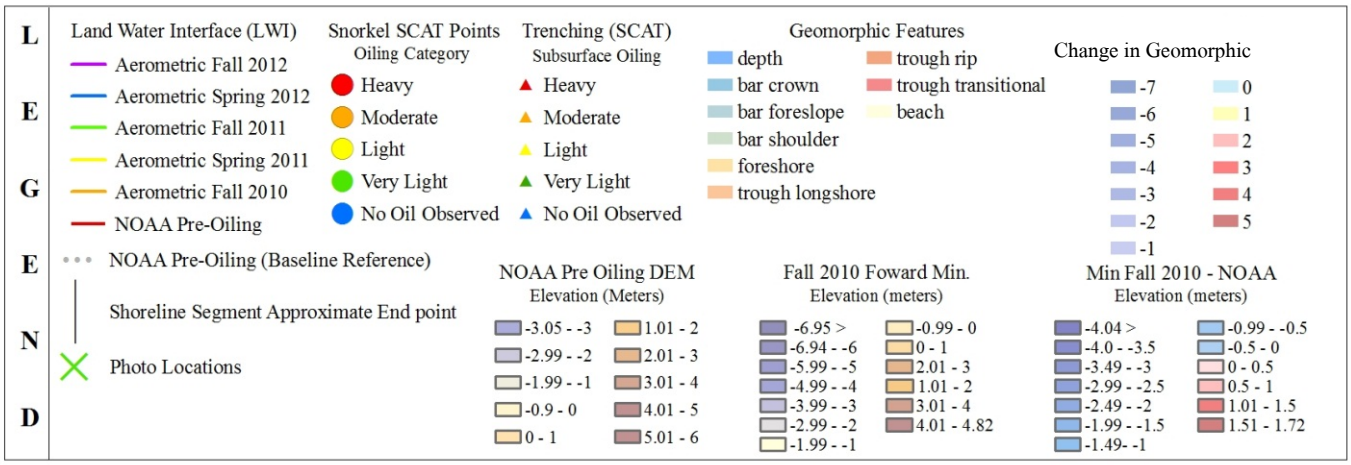
Appendix F

A segment-by-segment summary of pertinent information utilized during the third Operational Science Advisory Team (OSAT-3) integrated assessments for the 634 segments (figures shown below) in the Eastern states (Mississippi, Alabama, Florida) Area of Responsibility (AOR) that had not met the Deepwater Horizon Shoreline Clean-up Completion Plan (SCCP, 2011) endpoint criteria as of June 1, 2012 is provided in this Appendix. Operations and Shoreline Cleanup Assessment Technique (SCAT) teams collected the data summarized in the Appendix tables as part of MC252 spill response. Additional aerial imagery is shown for Pensacola Pass (tidal influence) and mainland coastal beaches in Mississippi (low wave energy area).

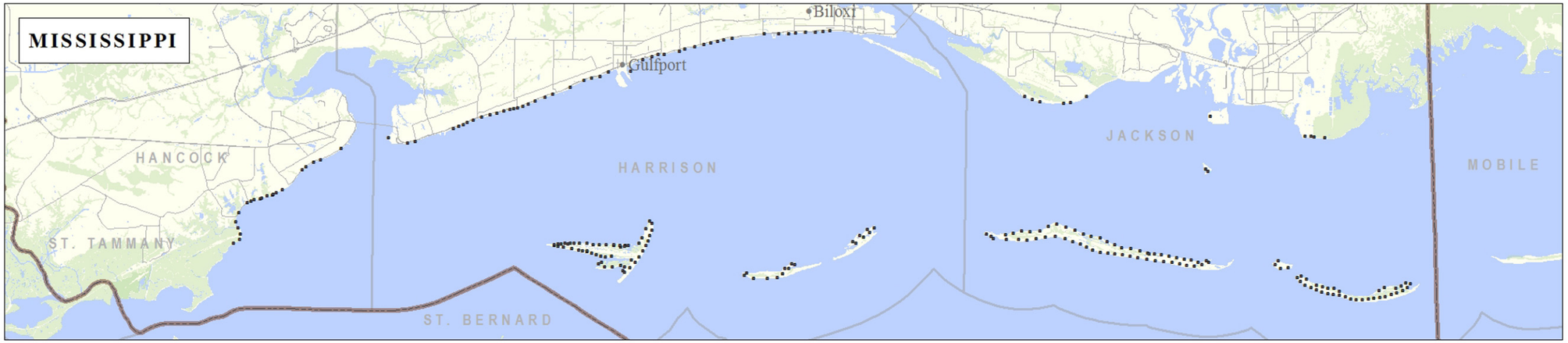
A summary statement on likely sources and mechanisms for recurring oil and the potential for submerged oil mat (SOM) formation and persistence based on the integrated assessments is provided in Table F.1. Segments identified by OSAT-3 for further evaluation as part of the Buried Oil Project are noted.

Examples of aerial imagery, vector and raster derivatives, density and location of georeferenced photographs, and SCAT data utilized during integrated assessments of sources and mechanisms of recurring oil across the AOR are shown. Example segments include ALBA1-040, ALBA1-042, FLES1-005, FLES1-008, FLES2-018, MSJK1-016. The example segments were chosen by the OSAT-3 team for 3D analysis, and illustrate both erosion and persistence of discrete shoreline areas in the same general vicinity.

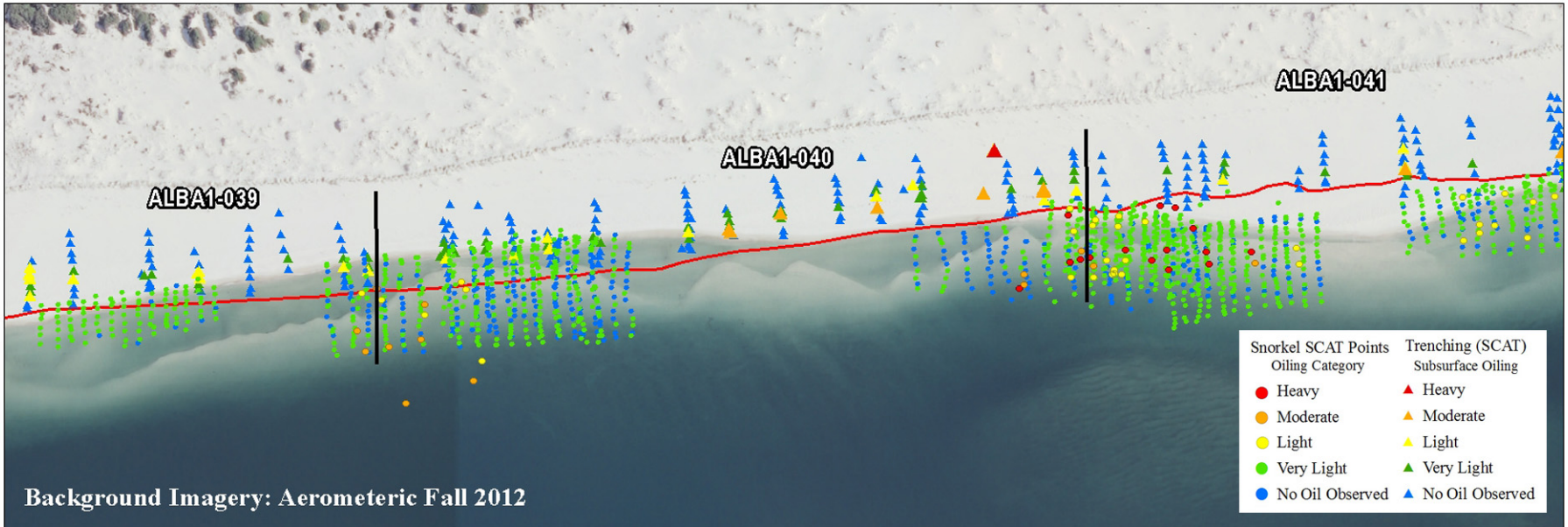
The Master legend for the figures included in this Appendix is provided below.

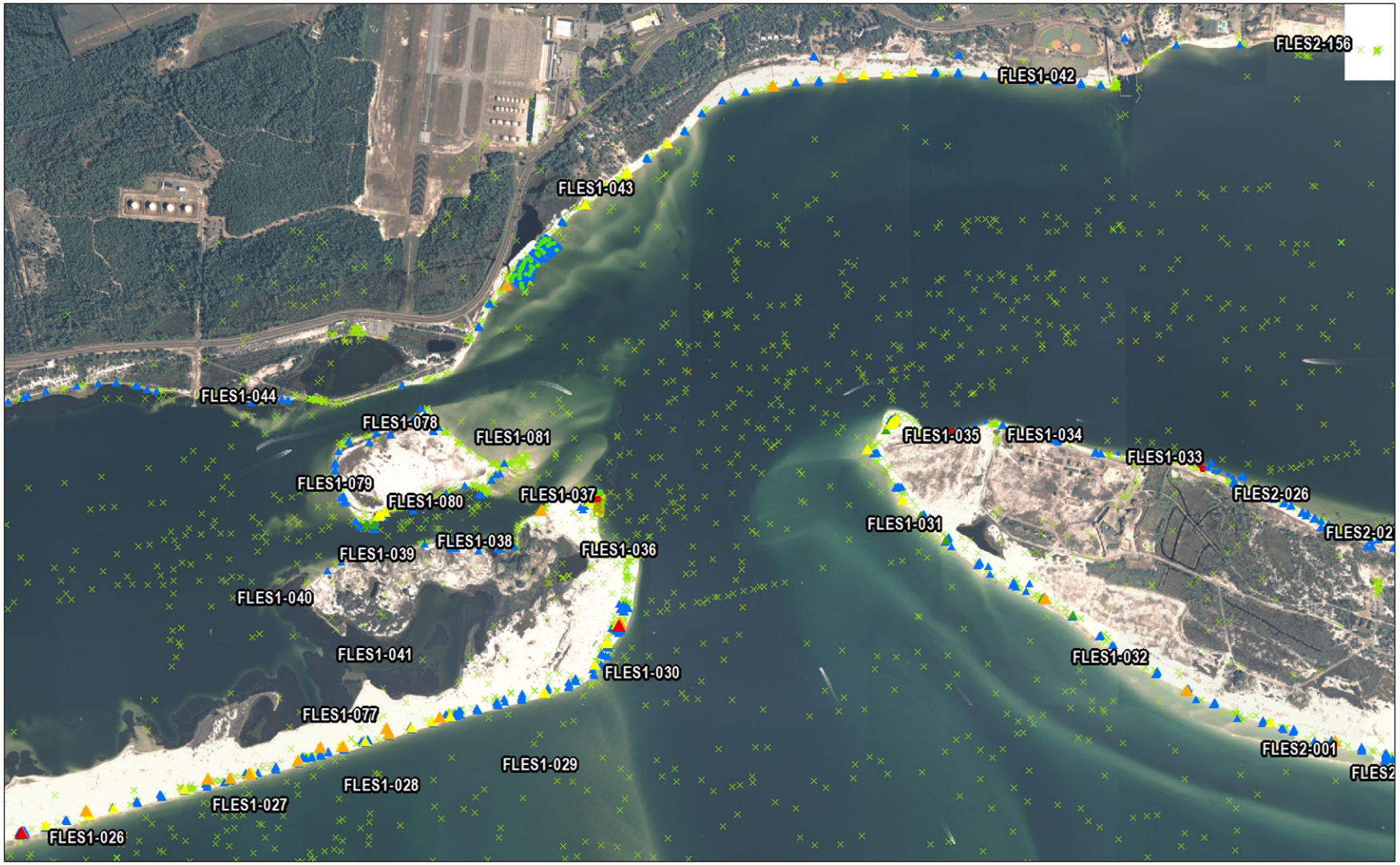


OSAT III Overview Map of Eastern Area of Operations



ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: NOAA (06/10/2010)


ALBA1-039
ALBA1-040
ALBA1-041
Snorkel SCAT Points
Oiling Category
Heavy
Moderate
Light
Very Light
No Oil Observed
Trenching (SCAT)
Subsurface Oiling
Heavy
Moderate
Light
Very Light
No Oil Observed
Background Imagery: Aerometeric Fall 2012



Background Imagery:
Aerometeric Fall 2010

0 900 1,800 3,600
Meters

N W E S

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSHA1-031	No	N	diffuse local / vegetation / patties	Simple exposure
MSHA1-032	No	N	diffuse local / vegetation / patties	Simple exposure
MSHA1-033	No	N	diffuse local / vegetation / patties	Simple exposure
MSHA1-034	No	N	diffuse local / vegetation / patties	Simple exposure
MSHA1-035	No	N	no data similar to neighboring segments	Simple exposure
MSHA1-036	Yes	N	diffuse local	cross shore / simple exposure
MSHA1-037	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-040	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-041	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-043	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-045	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-046	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-047	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-048	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-049	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-050	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHA1-051	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR1-001	No	NPS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition
MSHR1-002	No	NPS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition
MSHR1-003	No	NPS	diffuse local	cross shore / simple exposure
MSHR1-004	No	NPS	diffuse local	cross shore / simple exposure
MSHR1-005	No	NPS	diffuse local	cross shore / simple exposure
MSHR1-006	No	NPS	diffuse local	cross shore / simple exposure
MSHR1-007	No	NPS	diffuse local / vegetation / patties	cross shore / simple exposure
MSHR1-008	No	NPS	diffuse local / vegetation / patties	cross shore / simple exposure
MSHR1-009	No	NPS	diffuse local / vegetation / patties	cross shore / simple exposure
MSHR1-010	No	NPS	diffuse local / vegetation / patties	cross shore / simple exposure
MSHR1-011	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-012	No	N	diffuse local / vegetation / patties	simple exposure

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSHR1-019	No	N	diffuse local / vegetation / patties	simple exposure
MSHR1-032	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-033	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-034	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-035	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-036	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-037	No	N	diffuse local / vegetation / patties	simple exposure / cross shore / simple exposure
MSHR1-038	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR1-039	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR1-040	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-041	No	N	diffuse local	simple exposure / cross shore
MSHR1-042	No	N	diffuse local	simple exposure / cross shore
MSHR1-043	No	N	diffuse local	simple exposure / cross shore
MSHR1-044	No	N	diffuse local	simple exposure / cross shore
MSHR1-045	No	N	diffuse local	simple exposure / cross shore
MSHR1-046	No	N	diffuse local	simple exposure / cross shore
MSHR1-047	No	N	diffuse local	simple exposure / cross shore
MSHR1-048	No	N	diffuse local	simple exposure / cross shore
MSHR1-049	No	N	diffuse local	simple exposure / cross shore
MSHR1-050	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-051	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-052	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-068	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-069	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-070	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-085	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-086	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-087	No	N	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-088	No	N	diffuse local / vegetation / patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSHR1-091	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-092	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-093	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-094	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-095	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-096	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-097	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-098	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-099	No	NPS	diffuse local / vegetation / patties	simple exposure / cross shore
MSHR1-100	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR1-101	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR1-102	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR1-107	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR2-005	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-007	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-008	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-009	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-012	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-055	Yes	N	diffuse local	cross shore / simple exposure
MSHR2-060	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-061	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-069	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-070	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-071	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-072	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-073	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-074	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-075	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-076	Yes	N	diffuse local /patties	cross shore / simple exposure

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSHR2-077	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-078	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-079	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-080	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-081	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-082	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR2-083	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-001	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-002	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-005	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-007	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-008	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-009	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-010	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-021	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-024	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-025	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-026	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-027	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-030	No	N	Stained structure	Stained structure
MSHR3-031	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-032	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-033	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-034	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-035	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-036	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-037	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-041	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-044	Yes	N	diffuse local /patties	cross shore / simple exposure

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSHR3-046	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR3-047	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR4-001	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR4-002	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR4-003	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR4-004	Yes	N	diffuse local /patties	cross shore / simple exposure
MSHR5-001	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR5-002	No	NPS	diffuse local / vegetation / patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSHR5-003	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-004	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-005	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-006	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-007	No	NPS	diffuse local /patties	simple exposure / cross shore
MSHR5-008	No	NPS	diffuse local /patties	simple exposure / cross shore
MSHR5-009a	No	N	diffuse local /patties	simple exposure / cross shore
MSHR5-014b	No	NPS	diffuse local /patties	simple exposure / cross shore
MSHR5-015A	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-015B	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-016	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-017	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-018	No	NPS	diffuse local	simple exposure / cross shore
MSHR5-019	No	NPS	diffuse local /patties	simple exposure / cross shore
MSHR5-020	No	NPS	diffuse local /patties	simple exposure / cross shore
MSHR5-021	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-001	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-002	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-003	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-004	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-005	No	NPS	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSJK1-006	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-007	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-008	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-009	No	N	diffuse local	simple exposure / cross shore
MSJK1-010	No	N	diffuse local	simple exposure / cross shore
MSJK1-011	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-012	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-013	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-014	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-015	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-016	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-017	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-018	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-019	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-020	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-021	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-022	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-023	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-024	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-025	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-026	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-027	No	NPS	diffuse local	simple exposure / cross shore
MSJK1-028	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK1-029	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK1-030	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK1-031	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-032	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-033	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-034	No	NPS	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSJK1-035	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-036	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-037	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-038	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-039	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-040	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-041	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-042	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-043	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-044	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-045	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-046	No	N	diffuse local /patties	simple exposure / cross shore
MSJK1-047	No	N	diffuse local /patties	simple exposure / cross shore
MSJK1-048	No	N	diffuse local /patties	simple exposure / cross shore
MSJK1-049	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-050	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-051	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-052	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-053	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-054	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-056	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK1-057	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-001	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-002	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-003	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-004	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-005	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-006	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-007	No	NPS	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSJK2-008	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-009	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-010	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-011	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-012	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-013	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-014	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-015	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-016	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-017	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-018	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-019	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-020	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-021	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-022	No	NPS	diffuse local	simple exposure / cross shore
MSJK2-023	No	NPS	diffuse local / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK2-024	No	NPS	diffuse local / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK2-025	No	NPS	diffuse local / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK2-026	No	NPS	diffuse local / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK2-027	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
MSJK2-028	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-029	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-031	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-032	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-039	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-040	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-041	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-042	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-043	No	NPS	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
MSJK2-045	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK2-046	No	NPS	diffuse local /patties	simple exposure / cross shore
MSJK3-010	No	N	diffuse local /patties	cross shore / simple exposure
MSJK3-011	No	N	diffuse local /patties	cross shore / simple exposure
MSJK3-012	No	N	diffuse local /patties	cross shore / simple exposure
MSJK3-015	No	N	diffuse local /patties	cross shore / simple exposure
MSJK3-016	No	N	diffuse local /patties	cross shore / simple exposure
MSJK3-019	No	N	diffuse local /patties	cross shore / simple exposure
MSJK4-019	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-046	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-047	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-048	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-050	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-092	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
MSJK4-093	No	N	diffuse local / vegetation / patties	cross shore / simple exposure
ALBA1-001	No	FWS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition / simple exposure
ALBA1-002	No	FWS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition / simple exposure
ALBA1-003	No	FWS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition / simple exposure
ALBA1-004	No	FWS	diffuse local / upcurrent locations	cross shore / longshore transport and deposition / simple exposure
ALBA1-005	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-006	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-007	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-008	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-009	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-010	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-011	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-012	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-013	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-014	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALBA1-015	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-016	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-017	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-018	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-019	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-020	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-021	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-022	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-023	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-024	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-025	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-026	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-027	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-028	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-029	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-030	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-031	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-032	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-033	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-034	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-035	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-036	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-037	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-038	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-039	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-040	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-041	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-042	No	FWS	diffuse local /patties	simple exposure / cross shore
ALBA1-043	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALBA1-044	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA1-127	Yes	N	diffuse local /patties / upcurrent locations	cross shore / longshore transport and deposition
ALBA1-135	Yes	N	diffuse local /patties / upcurrent locations	cross shore / longshore transport and deposition
ALBA1-136	Yes	N	diffuse local /patties / upcurrent locations	cross shore / longshore transport and deposition
ALBA2-001	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-002	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-003	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-004	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-005	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-006	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-007	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-008	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-009	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-010	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-011	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-012	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-013	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-014	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-015	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-016	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-017	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-018	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-019	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-020	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-021	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-022	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-023	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-024	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-025	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALBA2-026	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-027	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-028	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-029	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-030	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-031	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-032	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-033	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-034	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-035	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-036	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-037	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-038	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-039	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-040	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-041	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-042	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-043	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-044	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-045	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-046	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-047	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-048	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-049	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-052	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-053	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-054	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-055	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-056	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALBA2-057	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-058	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-059	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-060	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-061	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-150	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-151	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-155	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-157	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-159	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-162	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-163	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-164	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-165	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-166	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-167	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-172	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-173	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-174	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-175	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-176	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-177	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-178	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-179	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-180	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-191	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-193	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-194	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-323	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALBA2-325	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-326	Yes	N	diffuse local /patties	simple exposure / cross shore
ALBA2-327	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-001	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-002	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-003	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-004	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-005	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-006	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-007	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-008	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-009	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-010	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-011	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-012	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-013	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-014	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-015	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-016	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-017	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-018	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-019	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-020	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-021	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-022	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-027	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-028	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-029	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-030	Unknown	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALMO1-031	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-032	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-033	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-034	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-035	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-036	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-037	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-038	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-039	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-040	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-041	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-042	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-043	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-044	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-045	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-046	Unknown	N	diffuse local /patties	simple exposure / cross shore
ALMO1-047	No	N	diffuse local /patties	simple exposure / cross shore
ALMO1-048	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-049	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-050	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-051	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-052	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-053	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-054	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-055	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-056	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-057	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-058	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-059	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
ALMO1-060	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-061	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-062	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-063	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-064	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-065	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-066	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-067	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-068	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-069	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-151	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-152	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-153	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-154	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-155	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-156	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-157	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-158	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-159	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-160	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-161	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-162	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-163	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-164	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-165	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-166	Yes	N	diffuse local /patties	simple exposure / cross shore
ALMO1-167	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-001	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-002	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLES1-003	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-004	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-005	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-006	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-007	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-008	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-009	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-010	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-011	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-012	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-013	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-014	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-015	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-016	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-017	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-018	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-019	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-020	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-021	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-022	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-023	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-024	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-025	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-026	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-027	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-028	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-029	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-030	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-031	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLES1-032	Yes	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-033	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-034	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-035	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-036	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-037	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-038	Unknown	NPS	diffuse local /patties	simple exposure / cross shore
FLES1-042	Yes	DOD	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-043	Yes	DOD	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES1-045	No	N	diffuse local /patties	simple exposure / cross shore
FLES1-046	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-047	No	N	diffuse local /patties	simple exposure / cross shore
FLES1-078	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-079	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-080	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES1-081	Yes	N	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES2-001	No	NPS	diffuse local /patties / upcurrent locations	simple exposure / cross shore / longshore transport and deposition
FLES2-002	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-003	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-004	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-005	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-006	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-007	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-008	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-009	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-010	No	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-011	Yes	NPS	diffuse local /patties	simple exposure / cross shore
FLES2-012	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-013	Yes	N	diffuse local /patties	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLES2-014	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-015	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-016	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-017	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-018	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-019	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-020	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-021	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-022	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-023	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-024	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-025	Yes	N	diffuse local /patties	simple exposure / cross shore
FLES2-026	No	NPS	diffuse local	simple exposure / cross shore
FLES2-027	No	NPS	diffuse local	simple exposure / cross shore
FLES2-028	No	NPS	diffuse local	simple exposure / cross shore
FLES2-029	No	NPS	diffuse local	simple exposure / cross shore
FLES2-030	No	NPS	diffuse local	simple exposure / cross shore
FLES2-031	No	NPS	diffuse local	simple exposure / cross shore
FLES2-032	No	NPS	diffuse local	simple exposure / cross shore
FLES2-033	No	NPS	diffuse local	simple exposure / cross shore
FLES2-034	No	NPS	diffuse local	simple exposure / cross shore
FLES2-044	Unknown	NPS	diffuse local	simple exposure / cross shore
FLES2-045	Unknown	NPS	diffuse local	simple exposure / cross shore
FLES2-046	Unknown	NPS	diffuse local	simple exposure / cross shore
FLES3-001	Yes	N	diffuse local	simple exposure / cross shore
FLES3-002	No	NPS	diffuse local	simple exposure / cross shore
FLES3-003	No	NPS	diffuse local	simple exposure / cross shore
FLES3-004	No	NPS	diffuse local	simple exposure / cross shore
FLES3-005	Yes	NPS	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLES3-006	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-007	No	NPS	diffuse local	simple exposure / cross shore
FLES3-008	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-009	No	NPS	diffuse local	simple exposure / cross shore
FLES3-010	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-011	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-012	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-013	No	NPS	diffuse local	simple exposure / cross shore
FLES3-014	No	NPS	diffuse local	simple exposure / cross shore
FLES3-015	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-016	Yes	NPS	diffuse local	simple exposure / cross shore
FLES3-017	No	NPS	diffuse local	simple exposure / cross shore
FLES3-018	No	NPS	diffuse local	simple exposure / cross shore
FLOK1-044	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-001	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-002	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-003	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-007	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-027	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-029	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-030	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-031	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-032	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-033	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-034	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-035	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-036	Yes	N	diffuse local	simple exposure / cross shore
FLOK2-038	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-001	Yes	N	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLWA1-002	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-005	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-008	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-009	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-010	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-011	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-016	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-017	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-018	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-019	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-020	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-021	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-022	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-023	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-024	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-025	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-026	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-027	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-028	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-029	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-031	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-033	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-035	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-036	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-037	Yes	N	diffuse local	simple exposure / cross shore
FLWA1-038	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-002	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-005	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-007	Yes	N	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	Amenity	Federal	Source(s)	Mechanisms
FLWA2-008	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-009	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-010	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-011	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-012	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-013	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-014	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-015	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-016	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-017	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-018	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-019	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-020	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-021	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-022	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-023	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-024	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-025	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-026	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-027	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-028	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-029	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-031	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-033	Yes	N	diffuse local	simple exposure / cross shore
FLWA2-034	Yes	N	diffuse local	simple exposure / cross shore

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSHA1-031	201	27	0	0				4.5	3	3		
MSHA1-032	157	41	0	0		6.0		40.0	8	5	3	1
MSHA1-033	259	26	0	0				9.0	4	4	1	
MSHA1-034	50	9	0	1		1.5		6.5	12	10	7	
MSHA1-035	66	3	0									
MSHA1-036	161	57	0	1	4.0	6.0	7.0	4.5	20	15	3	
MSHA1-037	141	52	0	1	4.0	15.0	2.5	14.0	24	18	4	3
MSHA1-040	108	12	0	2		2.5		4.0	13	8		
MSHA1-041	291	2	0	2	2.0	1.5		1.5	5			
MSHA1-043	236	1	0	0	6.0	3.0	3.5		7	4	1	
MSHA1-045	8	6	0	2	6.0	4.0	4.0	7.0	24	18	4	
MSHA1-046	7	5	0	2	7.0	3.0	2.5	3.0	20	11	1	
MSHA1-047	67	1	0	0	4.0	2.0	2.0		4	1		
MSHA1-048	54	1	0	0		3.0	3.0		5	3		
MSHA1-049	119	26	4	0	8.2	6.0	3.5	6.0	22	19	5	
MSHA1-050	32	11	0	0	7.0	6.3	8.0	3.5	31	20	7	
MSHA1-051	45	33	6	2	2.5	5.0	9.0	6.0	30	23	6	
MSHR1-001	43	14	0	1	12.0		2.0	3.0	6	2	1	1
MSHR1-002	15	9	0	0	2.8		5.0	2.0	6	2	1	
MSHR1-003	186	123	19	3				12.0	4	4	4	1
MSHR1-004	175	110	19	1		200.0	30.0	10.0	15	13	8	3
MSHR1-005	75	29	2	0	7.0	10.0	4.0	10.0	14	13	7	2
MSHR1-006	123	60	3	0				8.0	2	2	2	
MSHR1-007	348	38	0	0	9.0	16.0	10.0	10.0	19	15	9	3
MSHR1-008	282	203	55	0	20.0			4.0	2	2	1	1
MSHR1-009	84	29	2	0	17.0	5.0	1.5	5.0	14	7	3	1
MSHR1-010				0			1.5	2.0	2			
MSHR1-011	781	120	78	0	9.0	1.5		2.5	3	2	1	
MSHR1-012												

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSHR1-019	145	56	7	0			3.0	5.0	3	3	1	
MSHR1-032	133	2	0									
MSHR1-033												
MSHR1-034	375	193	21	0				2.0	2			
MSHR1-035	190	39	3	1			2.6	3.0	7	4		
MSHR1-036												
MSHR1-037												
MSHR1-038	196	121	69	0				22.0	1	1	1	1
MSHR1-039	244	189	36	0				5.5	1	1	1	
MSHR1-040	605	350	14	1	3.0	9.0	3.0	7.0	11	10	4	
MSHR1-041	664	254	9	0	6.5	4.0	4.5	2.8	4	4	1	
MSHR1-042	295	117	0	1	3.8	2.0	4.5	6.5	11	8	1	
MSHR1-043	582	256	16	0	3.3	3.0	6.0	8.5	6	5	3	
MSHR1-044	654	396	32	0	3.5	3.5		5.5	3	3	1	
MSHR1-045	402	171	13	0	2.5		4.0	4.0	3	3		
MSHR1-046	452	216	3	0	2.5		3.5	2.0	3	2		
MSHR1-047	418	168	4	0	2.5		4.0	2.3	3	2		
MSHR1-048	343	193	3									
MSHR1-049	198	123	7	0	3.5		4.0	2.3	3	2		
MSHR1-050	94	34	0	0	7.0	5.0	6.0	4.5	19	18	4	
MSHR1-051	76	24	1	1		3.0	5.0	7.0	13	10	2	
MSHR1-052	46	5	0	0	8.0		4.0	4.0	22	17	1	
MSHR1-068												
MSHR1-069												
MSHR1-070												
MSHR1-085	75	0	0									
MSHR1-086	149	0	0									
MSHR1-087	659	242	108	0	8.0	22.0	27.0	5.0	11	10	7	3
MSHR1-088	3993	418	166	0	10.0	15.0	6.5	6.0	11	11	8	5

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSHR1-091	348	46	23	0	8.0	7.0	4.0		6	6	4	
MSHR1-092	299	104	42	0	15.0	12.0	10.0		7	7	3	3
MSHR1-093	2451	238	145	1	4.0	7.0	5.0	7.0	9	8	5	
MSHR1-094	1541	125	66	0		12.0	4.0	1.5	4	3	1	1
MSHR1-095	1266	300	174	0	14.0	9.0			4	4	4	1
MSHR1-096	116	116	15	0	9.0	60.0	4.0	1.3	5	3	2	1
MSHR1-097	16	16	0									
MSHR1-098				0		2.5		4.0	2	2		
MSHR1-099	52	52	0	0	15.0	17.0	3.5	8.0	15	8	4	2
MSHR1-100	28	28	0	0	14.0	25.0	8.5	13.0	13	10	6	4
MSHR1-101												
MSHR1-102				0	4.5	9.5	5.0	6.0	11	9	3	
MSHR1-107												
MSHR2-005	4	0	0									
MSHR2-007	2	0	0	2		2.5	10.0	2.0	9	2	1	1
MSHR2-008	4	3	0	4	3.0	3.0	6.0	3.0	19	15	4	
MSHR2-009	1	0	0									
MSHR2-012	2	0	0									
MSHR2-055	1	1	0	0		1.0		4.0	8	4		
MSHR2-060	4	3	0	0		4.0	4.0	3.5	8	5		
MSHR2-061	0	0	0	0		3.5			3	1		
MSHR2-069	23	5	0	3	3.0	7.0	4.5	3.1	26	18	2	
MSHR2-070	28	10	1	0	4.4	7.0	8.0	3.0	25	19	4	
MSHR2-071	21	8	0	0	7.0	6.0	7.0	5.5	28	20	7	
MSHR2-072	24	12	0	0	5.5	8.0	3.5	4.0	31	17	6	1
MSHR2-073	20	14	0	1	6.0	7.0	4.0	5.0	25	15	5	
MSHR2-074	25	11	0	1	6.0	8.0	3.0	4.0	19	9	3	
MSHR2-075	33	16	0	0	4.8	5.0	8.0		14	12	2	
MSHR2-076	278	250	3	0	9.0	5.0	3.0	7.0	7	6	3	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSHR2-077	102	77	24	1	10.0	4.0	8.0	3.0	6	6	2	1
MSHR2-078	19	8	0	1	8.0	2.5	5.5	3.0	25	15	4	
MSHR2-079	13	4	0	0	3.5	3.5	4.0	2.5	18	8		
MSHR2-080	16	5	0	0	4.0	4.0	4.0	2.0	12	7		
MSHR2-081	15	6	0	0	8.0	4.0	5.0	3.0	20	14	4	
MSHR2-082	26	9	0	1	8.8	3.0	4.5	2.0	14	10	1	
MSHR2-083	80	44	0	0	11.7	2.3	4.0	3.3	12	8	2	1
MSHR3-001	37	31	0	1	10.0	12.0	4.0	2.0	12	8	3	2
MSHR3-002	11	7	0	2	2.0	5.0	2.6	2.0	9	5	1	
MSHR3-005	6	4	0	1	3.0	3.0	5.0	4.0	18	10	1	
MSHR3-007	8	5	0	1	3.0	3.4	2.0	2.4	18	4		
MSHR3-008	16	10	0	2	5.5	5.5	4.0	5.0	25	16	5	
MSHR3-009	8	5	0	2		5.0	2.5	2.0	11	3	1	
MSHR3-010	3	0	0	0		2.0	1.5		4			
MSHR3-021	12	8	0	0		2.5	30.0	7.0	25	15	3	1
MSHR3-024	6	2	0	0		7.0	6.0	7.0	26	13	4	
MSHR3-025	5	3	0	0	1.0	4.0	3.0		7	3		
MSHR3-026	5	4	0	0	2.0	3.0	3.5		8	3		
MSHR3-027	3	1	0	2		7.0	3.0	3.0	10	7	1	
MSHR3-030				0		15.0		15.0	3	3	3	2
MSHR3-031	14	3	0	1	10.0	12.0	6.0	3.0	26	17	5	2
MSHR3-032	11	5	0	4		3.0	5.0	30.0	25	16	4	2
MSHR3-033	139	87	0	5	2.8	4.0	6.0	5.0	22	12	2	
MSHR3-034	59	9	0	3	3.0	3.5	5.0	3.0	14	9	1	
MSHR3-035	36	10	0	2	2.8	5.0	7.0	2.5	21	15	2	
MSHR3-036	55	14	0	0	8.0	11.0	5.0	2.0	18	13	6	1
MSHR3-037	15	6	0	0	8.1	5.0	6.5	2.5	17	12	3	
MSHR3-041	12	9	0	0	2.0	7.0	2.5	2.0	15	3	1	
MSHR3-044	23	18	0	0		8.0	5.0	3.0	14	13	4	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSHR3-046	18	10	0	2	6.0	5.0	9.0	4.0	13	7	3	
MSHR3-047	27	6	0	1	5.0	3.0	4.5	3.0	18	12	1	
MSHR4-001	69	34	1	0	2.0	8.0	6.0	4.0	14	11	3	
MSHR4-002	51	18	0	0	2.5	4.0	5.0	2.0	12	7	1	
MSHR4-003	19	6	0	0	6.0	3.0	3.0		11	7	1	
MSHR4-004	17	13	0	1	10.0	2.5	2.0		5	2	1	1
MSHR5-001	29	24	0	1		10.0	9.0	6.5	11	9	6	1
MSHR5-002	120	26	3	1	3.3	10.0	10.0	5.0	24	20	4	2
MSHR5-003	233	119	19	1	4.0	4.5	5.0	20.0	19	16	8	1
MSHR5-004	24	16	0	5		3.5	5.0	4.0	7	6	1	
MSHR5-005	68	60	0	2	7.0	5.0	13.0	6.0	18	14	10	1
MSHR5-006	49	44	0	1	4.0	7.0	5.5	4.5	18	14	4	
MSHR5-007	56	36	0	2	1.0	4.0	3.5	7.0	13	11	1	
MSHR5-008	84	81	0	2	9.0	5.0	5.5	8.5	26	19	7	
MSHR5-009a	67	64	0	0	3.0		6.5	7.5	18	16	5	
MSHR5-014b	31	29	3	0	4.0	5.0	6.5	9.0	21	20	8	
MSHR5-015A	82	43	0	0	4.5	3.3	10.0	6.0	15	15	3	1
MSHR5-015B	998	667	307	2		3.5		20.0	9	9	7	6
MSHR5-016	4921	4249	1818	2		4.0		10.0	4	4	2	1
MSHR5-017	1325	536	173	5		7.5	6.0	8.0	4	4	4	
MSHR5-018	624	573	40	2		6.0	5.0	12.0	5	5	4	1
MSHR5-019	1320	1227	522	0		7.0	6.0	7.5	8	8	6	
MSHR5-020	7	3	0	5	11.0	3.5	8.5	5.5	27	22	9	1
MSHR5-021	262	149	52	1		4.0	9.0	5.0	12	12	5	
MSJK1-001	2627	1268	181	1		6.0		7.0	2	2	2	
MSJK1-002	2850	1877	189	1		4.5		12.0	2	2	1	1
MSJK1-003	2547	1578	206	0		6.0		12.0	2	2	2	1
MSJK1-004	932	444	63	0		8.0		8.0	2	2	2	
MSJK1-005	1929	1390	34									

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSJK1-006	2923	2299	155	1		6.5	1.0	9.0	6	5	4	
MSJK1-007	2295	1390	34									
MSJK1-008	23479	19349	110	0				25.0	2	2	2	2
MSJK1-009	612	270	0	1	7.0	9.5	4.0	15.0	17	14	9	1
MSJK1-010	178	139	0	0	6.0	5.6	5.0	8.0	23	19	11	
MSJK1-011	295	251	38	0			6.5	14.0	4	4	3	1
MSJK1-012	348	234	30	1	2.5		5.5	15.0	5	5	2	1
MSJK1-013	528	401	40	0		3.5	6.0	8.0	5	4	2	
MSJK1-014	282	145	0	0	4.0	6.0	4.5	3.9	16	14	1	
MSJK1-015	152	121	0	0		5.0	4.5	4.0	18	15	1	
MSJK1-016	196	196	0	0	4.0	3.5	6.5	6.0	19	14	6	
MSJK1-017	3	3	0	1	5.0	6.0	8.0	8.0	12	12	9	
MSJK1-018	31	31	0	0	3.5	5.0	5.5	3.5	10	9	2	
MSJK1-019	120	120	0	0	4.0	5.0	4.0	4.0	16	13	1	
MSJK1-020	72	72	0	0	5.0	4.6	7.0	6.7	15	11	8	
MSJK1-021	162	79	0	0	4.5	5.7	6.0	5.0	15	13	6	
MSJK1-022	60	15	0	0	4.0	5.5	6.5	5.5	13	11	5	
MSJK1-023	110	66	1	0	5.0	5.0	6.0	6.0	14	13	6	
MSJK1-024	73	37	0	0	5.0	4.5	4.0	12.0	20	15	7	1
MSJK1-025	31	21	0	0	5.0	2.6	4.0	4.5	8	5	1	
MSJK1-026	262	207	0	0			5.5	3.5	6	4	1	
MSJK1-027	143	105	0	2			1.5	10.0	2	1	1	1
MSJK1-028	129	52	0	0			1.5		1			
MSJK1-029	114	73	0	0	2.0		4.0	5.0	5	3	1	
MSJK1-030	41	18	0	2	2.0			10.0	6	5	3	1
MSJK1-031	51	15	0	2	1.0	1.0	4.0	19.0	25	18	7	5
MSJK1-032	47	8	0	1	2.0	7.0	4.0	13.0	27	20	7	3
MSJK1-033	101	54	5	0	5.3	5.0	7.0	8.0	29	19	10	
MSJK1-034	366	204	31	2	4.0	6.0	7.0	10.0	11	9	5	1

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSJK1-035	290	240	33	1	4.0	4.5	5.0	7.5	15	12	5	
MSJK1-036	183	60	8	2	7.0	8.0	5.0	10.5	26	21	13	2
MSJK1-037	1295	1099	25	2		9.0	7.5	10.0	18	18	11	1
MSJK1-038	365	90	8	1		6.5	4.5	10.0	18	16	7	1
MSJK1-039	194	89	5	2	7.5	6.0	6.0	20.0	28	25	15	2
MSJK1-040	221	66	10	1	5.0	6.0	5.5	10.0	27	24	11	1
MSJK1-041	232	86	5	0	3.3	5.5	5.0	13.0	23	19	6	1
MSJK1-042	876	152	7	0		7.0		15.0	6	4	3	1
MSJK1-043	435	73	9	0	3.0	4.0	6.5	8.0	16	13	4	
MSJK1-044	435	188	82	2		2.7	8.5	9.5	12	12	8	
MSJK1-045	116	41	9	5	5.8	7.0	7.0	16.0	22	18	9	2
MSJK1-046	69	25	0	1	11.0	6.0	6.5	8.0	25	20	14	1
MSJK1-047	258	205	21	1	80.0	4.0	7.5	14.0	18	16	10	2
MSJK1-048	124	118	0	0	12.0		4.0	5.0	6	6	2	1
MSJK1-049	95	13	6	4	10.0	4.0	5.0	8.0	15	13	4	1
MSJK1-050	153	19	7	6	8.0	4.0	5.0	15.0	29	26	12	1
MSJK1-051	70	53	10	4	25.0	3.5	5.0	15.0	17	16	7	3
MSJK1-052	216	130	15	9	1.0	6.0	5.0	8.0	23	20	11	
MSJK1-053	392	258	45	2	4.5	6.0	4.5	9.0	10	9	6	
MSJK1-054	45	26	2	5	3.0	5.5	5.0	7.0	25	23	7	
MSJK1-056	1660	260	87	1	3.0	4.5	2.5	4.0	6	5		
MSJK1-057												
MSJK2-001	11	11	0	0		3.0	5.0	8.0	6	6	4	
MSJK2-002	8	8	0	1				9.0	1	1	1	
MSJK2-003	59	42	0	2	3.5	5.0	7.0	7.0	27	24	12	
MSJK2-004	37	18	0	3	3.0	3.0	6.0	7.0	27	22	6	
MSJK2-005	195	140	1	1			6.0	3.0	5	5	1	
MSJK2-006	158	119	2	4		1.8	4.0	5.5	15	12	2	
MSJK2-007	96	47	0	4			4.5	5.0	15	12	1	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSJK2-008	335	268	1	2	3.5		7.0	8.0	16	12	5	
MSJK2-009	534	448	1	3	5.5		6.0	6.5	15	14	7	
MSJK2-010	179	96	2	1	5.5	6.4	7.0	4.5	15	13	5	
MSJK2-011	78	47	7	4		8.0	5.0	4.0	17	15	4	
MSJK2-012	308	261	10	1	3.0	8.9	6.5	5.5	15	12	6	
MSJK2-013	499	352	3	1		9.3	8.0	4.9	8	7	3	
MSJK2-014	1486	517	0	0	7.0	5.9	5.0	6.0	7	6	4	
MSJK2-015	332	137	5	2		4.8		5.5	4	4	2	
MSJK2-016	1979	1078	2	0	3.8	5.5	4.0	6.0	16	13	2	
MSJK2-017	1074	745	5	0		8.9		5.9	4	4	3	
MSJK2-018	457	317	4	7	1.5	5.8	4.5	6.0	13	9	3	
MSJK2-019	513	359	5	1	5.0		7.0	9.0	18	11	9	
MSJK2-020	1117	814	0	1	4.0	2.6	8.5	9.0	15	13	7	
MSJK2-021	3529	3327	0	1		2.0	8.0	5.9	10	9	9	
MSJK2-022	407	347	20	9	5.0		4.0	5.0	13	9	3	
MSJK2-023	161	121	0	1	8.0	3.8	6.5	8.0	17	15	8	
MSJK2-024	213	147	20	1				5.5	2	2	1	
MSJK2-025	9812	6676	23	0								
MSJK2-026	3043	2344	127	1				7.0	2	2	1	
MSJK2-027	590	417	69	0		5.5	5.0	6.0	19	13	5	
MSJK2-028	71	56	16	0	4.3	3.1	4.5	6.0	22	17	2	
MSJK2-029	8	5	0	2	2.0	2.5	3.5	5.5	18	12	2	
MSJK2-031	34	2	0	0			3.0	5.0	12	9	2	
MSJK2-032	86	0	0	1			4.0	9.0	11	7	5	
MSJK2-039	39	18	1	1	3.4	4.0	8.0	9.0	17	15	4	
MSJK2-040	92	65	11	1		3.0	11.5	14.0	16	14	9	2
MSJK2-041	13	12	0	4	2.7	4.0	7.0	6.5	26	20	4	
MSJK2-042	4	3	0	1	4.0	3.3	5.5	5.0	16	12	2	
MSJK2-043	8	4	0	4	6.0	5.5	5.0	8.0	25	21	6	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
MSJK2-045	26	13	0	1	6.0	4.8	4.0	9.0	42	33	9	
MSJK2-046	57	43	12	3	6.0	5.0	4.0	7.0	26	20	6	
MSJK3-010	10	10	0	2	1.0	4.0	5.5	4.0	12	9	1	
MSJK3-011	4	4	0	1	1.5	2.5	5.0	3.0	13	7	1	
MSJK3-012	3	3	0	1		1.0	3.5	12.0	12	5	2	1
MSJK3-015	2	2	0	2		4.0	3.5	3.0	9	6		
MSJK3-016	2	1	0	0		3.0	1.0	4.0	6	3		
MSJK3-019												
MSJK4-019	30	0	0	1	7.0	1.5	5.5	9.0	13	11	7	
MSJK4-046				0			100.0		3	3	3	3
MSJK4-047				0			30.0		3	3	3	3
MSJK4-048	423	30	0	8		5.0		20.0	7	7	5	2
MSJK4-050	178	178	0	1				8.0	4	3	2	
MSJK4-092	10	0	0	1			4.0	2.5	3	3		
MSJK4-093	15	0	0				4.0	2.0		1		
ALBA1-001	5769	302	63	0			4.0	5.0	2	2	1	
ALBA1-002	7077	153	35	0			3.0	5.0	2	2	1	
ALBA1-003	11263	220	65	0			5.0	4.0	2	2	1	
ALBA1-004	3549	151	24									
ALBA1-005	1352	662	121	3			4.0	2.0	2	1		
ALBA1-006	1207	529	61	0			4.0		1	1		
ALBA1-007	802	388	50	2			5.0		1	1	1	
ALBA1-008	1084	512	84	5			4.0	1.0	2	1		
ALBA1-009	1323	681	90	1			5.0		1	1	1	
ALBA1-010	2923	1258	87	2			5.5		1	1	1	
ALBA1-011	1349	893	76	2			5.0		1	1	1	
ALBA1-012	1225	619	33	1				2.0	1			
ALBA1-013	1085	467	52	1	3.0			5.0	2	2	1	
ALBA1-014	1058	448	44	2			4.5	1.0	2	1		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALBA1-015	1136	523	53	0			4.0		1	1		
ALBA1-016	1068	466	86	2			4.0	3.0	2	2		
ALBA1-017	1046	456	56	1			4.0	1.0	2	1		
ALBA1-018	1234	468	77	0			5.5		2	2	1	
ALBA1-019	1232	565	159	3			5.0	2.0	2	1	1	
ALBA1-020	790	295	44	1			5.0	2.5	2	2	1	
ALBA1-021	821	252	53	0			4.0	5.0	2	2	1	
ALBA1-022	958	304	86	0			7.0	3.0	2	2	1	
ALBA1-023	1188	439	65	1			6.0	4.0	2	2	1	
ALBA1-024	2265	320	109	1			6.0	3.0	2	2	1	
ALBA1-025	8603	7423	76	1			5.0	1.0	2	1	1	
ALBA1-026	1370	378	58	1			6.0	3.0	2	2	1	
ALBA1-027	3133	1184	821	2			4.0	2.0	2	1		
ALBA1-028	3442	2418	171	1			45.0	2.0	2	1	1	1
ALBA1-029	7623	7040	159									
ALBA1-030	23414	18664	78									
ALBA1-031	13862	5607	26									
ALBA1-032	4155	334	43	1			5.0	4.0	2	2	1	
ALBA1-033	25967	15085	58	2			4.5	3.0	2	2		
ALBA1-034	1902	335	123	2			4.0	14.0	2	2	1	1
ALBA1-035	38275	36485	21	1			3.0	5.0	2	2	1	
ALBA1-036	4075	164	24	2			2.0	3.0	2	1		
ALBA1-037	23415	123	34	1	5.0	5.0	6.0	35.0	26	18	7	1
ALBA1-038	28338	125	25	2	7.0	4.0	7.0	5.0	24	18	3	
ALBA1-039	15437	160	23	2			4.0	6.0	2	2	1	
ALBA1-040	1850	172	14	0			4.0	4.0	2	2		
ALBA1-041	3998	158	20	2			4.0	35.0	2	2	1	1
ALBA1-042	8175	174	21	0			5.5	3.0	2	2	1	
ALBA1-043	733	411	15	0			7.0	2.5	4	4	1	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALBA1-044	1081	301	9	0		6.0	6.0	2.0	4	3	2	
ALBA1-127	8	8	0	1	3.0	4.0	4.0	1.0	20	10		
ALBA1-135	5438	1963	232	0			6.0	2.0	2	1	1	
ALBA1-136	2989	755	129									
ALBA2-001	483	196	5	4		4.0	5.0	3.0	4	4	1	
ALBA2-002	669	307	6	1			5.0	4.0	4	3	2	
ALBA2-003	727	400	4	2			5.0	4.0	4	3	1	
ALBA2-004	946	539	2	1			4.0	3.0	3	3		
ALBA2-005	1394	394	0	2	3.0	5.0	4.0	4.0	7	6	1	
ALBA2-006	1271	616	3	2	6.0		3.0	4.5	6	6	1	
ALBA2-007	1623	876	1	1	3.0	4.0	1.0	4.0	8	5		
ALBA2-008	20807	842	10	0		4.0	3.0	5.5	8	6	1	
ALBA2-009	9589	560	23	0		3.0		8.0	3	3	1	
ALBA2-010	6148	4912	93	1		5.0	8.0	8.5	5	3	3	
ALBA2-011	475107	173356	237	1		4.0		4.0	3	3		
ALBA2-012	78961	77197	155	0			5.0	4.0	2	2	1	
ALBA2-013	2071	533	79	0			3.0	3.0	2	2		
ALBA2-014	1462	213	27	0			2.0	5.0	2	1	1	
ALBA2-015	720	107	2	1			6.0		2	2	2	
ALBA2-016	1085	116	1	0		2.5	4.0		3	3		
ALBA2-017	302	107	1	0		4.0	3.0		2	2		
ALBA2-018	352	88	0									
ALBA2-019	362	132	2	0			5.0	3.0	4	3	1	
ALBA2-020	2809	112	3	0			5.0	1.0	4	2	1	
ALBA2-021	2830	124	3	0				3.0	2	1		
ALBA2-022	606	101	4	1			6.0	2.0	4	2	2	
ALBA2-023	597	110	3	0	4.0		5.0	2.5	5	3	1	
ALBA2-024	2374	136	8	0	3.0		3.0	2.0	4	2		
ALBA2-025	1933	124	8	0	3.0		5.0	2.5	5	4	1	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALBA2-026	508	133	5	0	3.0		7.0	4.0	4	4	2	
ALBA2-027	727	411	31	0	5.0		4.0		2	2	1	
ALBA2-028	831	401	26	2	3.0		4.0		2	2		
ALBA2-029	1031	392	35	1		6.0	5.0	4.0	3	3	2	
ALBA2-030	925	302	23	1		10.0			2	2	2	1
ALBA2-031	2143	296	16	1		10.0		1.0	3	2	2	1
ALBA2-032	1344	238	43	0		5.0			2	2	2	
ALBA2-033	1518	196	11	3		5.0		3.0	3	3	1	
ALBA2-034	2801	121	5	0		5.0		3.0	4	3	1	
ALBA2-035	541	208	12	0	4.0	5.0		3.0	5	3	1	
ALBA2-036	787	149	25	0	5.0	4.0		3.0	4	3	1	
ALBA2-037	822	134	16	0		5.0		2.0	4	2	1	
ALBA2-038	433	103	4	0		5.0		1.0	5	2	1	
ALBA2-039	681	61	4	0		4.0		4.0	5	3		
ALBA2-040	180	63	3	0		4.0		2.0	3	2		
ALBA2-041	193	75	2	0		4.0		2.0	4	2		
ALBA2-042	826	92	3	1		4.0	3.0	2.0	5	3		
ALBA2-043	513	88	2	2		5.0		2.0	6	3	1	
ALBA2-044	523	131	3	1	5.0	5.0	4.0	6.0	23	17	5	
ALBA2-045	607	105	12	0	7.0	5.0	5.0	6.0	20	13	7	
ALBA2-046	386	72	4	0		4.0	3.0	3.0	6	5		
ALBA2-047	479	47	5	0	3.0	7.0	4.0	4.0	7	7	1	
ALBA2-048	403	44	0	1	4.0	7.0	5.0	2.5	10	9	2	
ALBA2-049	178	25	1	0	4.0	6.5	4.0	3.0	9	7	1	
ALBA2-052	2	1	0	0		2.0	2.0	3.0	6	1		
ALBA2-053	299	4	0	0	4.0	4.0	4.0	1.0	11	6		
ALBA2-054	23	4	1	0		2.0	7.0	6.0	8	6	4	
ALBA2-055	33	6	2	1	3.0	4.0	3.5	5.0	11	6	1	
ALBA2-056	61	33	21	3	9.0	10.0	10.0	38.0	33	19	9	3

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALBA2-057	467	45	21	1			7.0	3.5	10	6	4	
ALBA2-058	672	52	13	2			3.5	4.0	6	3		
ALBA2-059	777	45	5	1			6.0	7.0	4	3	2	
ALBA2-060	473	35	19	1			5.0	4.0	5	2	1	
ALBA2-061	395	120	88	1			7.5	5.0	9	5	5	
ALBA2-150	5	0	0									
ALBA2-151	4	0	0									
ALBA2-155	6	1	0	1		2.0	3.0	2.0	15	2		
ALBA2-157	29	2	0	0			3.0	2.0	6	2		
ALBA2-159	67	4	0	0			2.0		1			
ALBA2-162	168	4	0	0			3.0		1	1		
ALBA2-163	168	3	0	1			1.0		3			
ALBA2-164	286	4	0	0	2.0	8.0	4.0		14	6	1	
ALBA2-165	256	4	0	0			2.0	1.0	3			
ALBA2-166	332	6	0	2	2.5	2.5	4.0		22	6		
ALBA2-167	37	7	0	0	2.0	2.0	4.0		14	6		
ALBA2-172	21	5	0	0				1.0	1			
ALBA2-173	370	16	0	0	4.0	3.5	3.0		16	4		
ALBA2-174	212	8	0	0	1.5	5.0	5.0	4.0	20	6	2	
ALBA2-175	129	7	0	0			2.5		5	1		
ALBA2-176	247	4	0	0		2.0			1			
ALBA2-177	119	5	0	1			4.0	1.0	3	2		
ALBA2-178	183	3	0	0		3.0	2.0	3.0	10	5		
ALBA2-179	167	8	0	0		1.5	2.5	1.0	5	1		
ALBA2-180	165	25	1	0	4.0	3.0	3.0	2.5	17	8		
ALBA2-191	266	2	0	0	2.0		1.5	3.0	3	1		
ALBA2-193	31	2	0	0			1.0		1			
ALBA2-194	84	3	0	1	3.0	7.0	4.0		16	3	1	
ALBA2-323	27	4	0	0	5.0	4.0	5.0	3.0	31	20	3	

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALBA2-325	6	1	0	0		5.0	4.0	2.0	6	3	1	
ALBA2-326	8	1	0	1		2.0	3.0		8	3		
ALBA2-327	13	2	0	0			5.0		3	1	1	
ALMO1-001	1091	505	99	0		10.0		4.0	2	2	1	1
ALMO1-002	481	303	35	0		8.5		3.0	2	2	1	
ALMO1-003	546	347	24	0		11.0		3.0	2	2	1	1
ALMO1-004	754	473	133	0			8.0	3.0	2	2	1	
ALMO1-005	1200	398	93	0			10.0	4.0	2	2	1	1
ALMO1-006	833	279	37	0			6.0	3.0	2	2	1	
ALMO1-007	1009	809	29	0			5.5	3.0	2	2	1	
ALMO1-008	4157	3916	3182	0			5.0	2.5	2	2	1	
ALMO1-009	385	184	12	0			3.5	2.5	2	2		
ALMO1-010	4371	2075	891	0			5.0	4.0	2	2	1	
ALMO1-011	1062	724	138	0			3.5	3.5	2	2		
ALMO1-012	958	793	34	0			7.0	3.0	2	2	1	
ALMO1-013	339	164	35	1		7.5		4.0	2	2	1	
ALMO1-014	219	152	12	0		8.0	4.0	12.0	4	4	2	1
ALMO1-015	216	144	7	0			6.0	11.0	4	3	3	1
ALMO1-016	170	152	4	0			12.0	13.0	4	4	3	2
ALMO1-017	142	138	3	0			4.0	8.0	3	3	1	
ALMO1-018	54	38	3	0			5.0	11.0	6	5	2	1
ALMO1-019	29	27	2	0			5.0	7.0	6	6	2	
ALMO1-020	68	64	8	0			5.5	9.0	3	3	3	
ALMO1-021	20	19	1	0			6.0	13.0	14	10	4	1
ALMO1-022	17	15	1	0			5.0	8.0	16	12	9	
ALMO1-027	65	54	6	1	4.5	10.0	5.0	10.0	12	12	7	2
ALMO1-028	9	8	0	1		2.0	6.0	7.0	10	6	2	
ALMO1-029												
ALMO1-030												

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALMO1-031												
ALMO1-032												
ALMO1-033	5	3	0	0				6.0	1	1	1	
ALMO1-034	0	0	0	0				2.0	3			
ALMO1-035	36	34	0	0			8.0	11.0	13	8	3	1
ALMO1-036	26	22	0	0			8.0	2.4	3	1	1	
ALMO1-037	13	13	3	2	3.0	2.5	6.0	5.0	14	13	4	
ALMO1-038	33	23	4	0		3.0	8.0	5.0	12	8	4	
ALMO1-039	20	16	0	0				7.0	5	1	1	
ALMO1-040	286	45	2	0		2.0	12.0	8.0	8	6	4	1
ALMO1-041												
ALMO1-042	5	2	0	1		4.0			1	1		
ALMO1-043												
ALMO1-044												
ALMO1-045												
ALMO1-046												
ALMO1-047	256	174	36	0			9.0		1	1	1	
ALMO1-048	5	2	0	6	3.0	3.0	5.0	4.0	19	13	1	
ALMO1-049	11	0	0	1		4.5		2.0	2	1		
ALMO1-050	0	0	0									
ALMO1-051	1	0	0									
ALMO1-052	0	0	0									
ALMO1-053												
ALMO1-054	1	0	0									
ALMO1-055	1	0	0									
ALMO1-056	1	0	0									
ALMO1-057	0	0	0									
ALMO1-058	1	0	0									
ALMO1-059	1	0	0									

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
ALMO1-060	2	0	0									
ALMO1-061	9	0	0									
ALMO1-062	4	0	0									
ALMO1-063	10	0	0									
ALMO1-064	13	0	0									
ALMO1-065	116	9	0	4	2.5	2.5	4.0	5.0	16	12	1	
ALMO1-066	58	0	0									
ALMO1-067	8	0	0									
ALMO1-068	17	0	0									
ALMO1-069	6	0	0									
ALMO1-151	27	22	0	1		4.0	5.0	4.0	7	6	2	
ALMO1-152	8	5	0	0		2.0	2.5	4.0	5	2		
ALMO1-153	3	1	0	1		3.0	4.0	7.0	6	4	1	
ALMO1-154	36	35	2	4		10.0	3.0	7.5	17	13	3	1
ALMO1-155	2	0	0									
ALMO1-156	1	0	0									
ALMO1-157	0	0	0									
ALMO1-158	1	0	0									
ALMO1-159	0	0	0									
ALMO1-160	2	0	0									
ALMO1-161	15	7	0	3			3.0		3	2		
ALMO1-162	55	9	0									
ALMO1-163	63	25	0	0	2.5	2.0	4.0	5.0	12	8	1	
ALMO1-164	94	34	1	0				5.0	5	4	1	
ALMO1-165	291	50	0									
ALMO1-166	499	65	1	0	5.0			10.0	5	4	2	1
ALMO1-167	326	44	0	1		3.0	4.0	4.0	21	10		
FLES1-001	578	168	40	0			1.0	3.0	2	1		
FLES1-002	529	170	68	1			3.0		1	1		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLES1-003	800	279	82	1			6.0	1.0	2	1	1	
FLES1-004	688	229	62	0			3.0	2.5	2	2		
FLES1-005	704	223	65	1			2.8	2.8	2	2		
FLES1-006	3462	1088	393	0			3.0	3.0	2	2		
FLES1-007	873	368	76	0			3.3	3.0	3	2		
FLES1-008	824	414	67	2			4.5	2.0	4	1		
FLES1-009	1189	516	167	2			3.5	3.0	3	2		
FLES1-010	550	126	49	0			3.8	3.5	2	2		
FLES1-011	360	108	40	1				3.0	1	1		
FLES1-012	334	86	23	0				3.5	1	1		
FLES1-013	590	215	59	2			4.0	3.0	2	2		
FLES1-014	425	124	44	0			2.3	3.0	2	1		
FLES1-015	545	239	94	1			3.5	4.0	2	2		
FLES1-016	209	77	26									
FLES1-017	243	95	25	0				4.5	2	2		
FLES1-018	216	74	14	1			4.5	3.8	2	2		
FLES1-019	401	244	104	2				4.5	1	1		
FLES1-020	496	295	180	4			10.5	3.5	2	2	1	1
FLES1-021	566	364	121	0			7.5	5.0	2	2	2	
FLES1-022	1438	1066	541	0		4.0	9.0	5.0	6	6	4	
FLES1-023	822	308	108	0			7.3	4.5	2	2	1	
FLES1-024	143	40	2	0	6.0	4.0	5.5	5.0	11	11	3	
FLES1-025	179	16	2	0	5.0	3.8	5.5	7.0	14	12	4	
FLES1-026	103	11	1	0	5.0	3.0	6.0	7.0	11	7	4	
FLES1-027	62	11	0	0	5.5	4.5	3.8	6.0	12	10	2	
FLES1-028	97	63	0	2	3.0	5.5	5.8	4.0	13	11	2	
FLES1-029	57	36	0	0	4.0	3.5	4.5	4.0	13	11		
FLES1-030	689	10	0	0		8.5	4.5	4.0	7	7	1	
FLES1-031	1364	127	24	1			4.3	4.0	3	2		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLES1-032	1272	98	17	1			3.3	4.3	7	4		
FLES1-033	680	38	2	1	4.3		8.0	5.0	13	13	3	
FLES1-034	245	17	0	2	7.0		6.0	5.0	19	15	6	
FLES1-035	3179	752	7	1	3.0		3.0	12.5	19	15	2	1
FLES1-036	6215	3179	4	0			4.0	3.5	11	6		
FLES1-037	1906	894	74	0			1.5	3.3	4	1		
FLES1-038	11	11	0	0		3.0	4.5	2.0	5	2		
FLES1-042	514	83	4	2	2.0	2.0	3.0	4.0	23	10		
FLES1-043	1250	582	226	2	2.0	5.3	4.3	3.0	6	4	1	
FLES1-045	3	3	0	5	3.5	4.0	11.0	6.5	19	10	2	1
FLES1-046	1	0	0	3	2.5	2.5	3.0	5.0	10	6	1	
FLES1-047	2	0	0	6	5.0	2.5	2.3	7.0	23	10	9	
FLES1-078	6	1	0	1	1.5	2.5	2.5	2.0	12	2		
FLES1-079	34	4	0	2		5.0	2.0		8	2	1	
FLES1-080	39	10	3	2	10.0	1.5	6.5	2.5	23	9	3	1
FLES1-081	173	99	22	0			4.0	6.0	2	2	1	
FLES2-001	524	149	48	2		4.0	3.5	2.4	4	2		
FLES2-002	1575	1240	1110	2	2.0	5.0	3.8	3.5	7	5	1	
FLES2-003	286	174	44	2		5.8	4.5	5.8	5	4	3	
FLES2-004	345	235	67	1		3.8	7.3	5.3	8	6	2	
FLES2-005	16639	14661	154	2			6.0	9.5	7	5	4	
FLES2-006	689	318	46	1		4.5	5.0	8.0	8	7	4	
FLES2-007	710	252	30	1		3.0	4.5	7.0	5	5	1	
FLES2-008	840	367	51	0	3.0		4.0	4.0	8	7		
FLES2-009	543	211	26	3	3.6		4.0	3.5	8	6		
FLES2-010	1191	1034	23	2		2.5	2.6	2.0	3	2		
FLES2-011	286	102	9	3	4.5	3.8	4.0	4.0	29	15		
FLES2-012	688	194	40	4		4.0	6.0	8.0	21	7	2	
FLES2-013	459	83	29	3			1.8	0.8	2			

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLES2-014	461	205	42	2			3.3		2	2		
FLES2-015	296	80	20	1			6.0	1.5	3	2	1	
FLES2-016	692	271	38	3				2.0	1			
FLES2-017	732	430	26	1			3.0		2	1		
FLES2-018	2299	1255	643	2				3.0	1	1		
FLES2-019	1409	720	194	2			3.0		1	1		
FLES2-020	579	165	41	2			1.8		2			
FLES2-021	543	176	49	2			2.0	2.0	3			
FLES2-022	320	92	23	2			2.1		1			
FLES2-023	183	43	12	2			4.3	4.0	4	2		
FLES2-024	89	33	8	4			4.5		2	1		
FLES2-025	86	29	5	2			45.0	1.0	3	1	1	1
FLES2-026	101	7	0	8	5.3	3.0	5.0	6.5	30	22	6	
FLES2-027	63	2	0	3	2.0		7.0	4.5	18	8	1	
FLES2-028	15	4	0	4	5.5	3.0	5.0	8.0	24	13	5	
FLES2-029	13	4	0	2	2.5	4.0	4.0	5.0	13	6	2	
FLES2-030	87	3	0	4	3.0	3.5	3.0	5.3	16	11	1	
FLES2-031	101	2	0	2	2.0	4.5	2.0	3.0	11	3		
FLES2-032	160	3	0	3	1.0			4.5	7	3		
FLES2-033	155	7	0	3	1.0		2.5	4.0	11	5		
FLES2-034	31	5	0	1	2.0		4.8	6.0	7	3	1	
FLES2-044	0	0	0	1	1.5		3.0	3.0	5	2		
FLES2-045	0	0	0	1	5.5	3.5	4.0	2.5	8	6	1	
FLES2-046	0	0	0	2	1.5	2.0		3.5	3	1		
FLES3-001	24	7	1	2			5.0	3.0	4	3	1	
FLES3-002	128	60	0	1			1.5	2.0	3			
FLES3-003	665	465	2	4		8.5	5.0	8.5	25	19	7	
FLES3-004	472	225	32	3		2.9	4.5	7.5	20	16	2	
FLES3-005	384	128	5	4		3.0	5.5	11.5	25	14	4	1

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLES3-006	266	86	3	3		4.0	3.5	125.0	21	10	2	1
FLES3-007	220	80	1	2		4.5	4.5	6.5	17	13	3	
FLES3-008	240	90	3	2		4.2	3.3	8.0	32	19	2	
FLES3-009	170	45	1	1		5.1	3.5	5.5	16	13	3	
FLES3-010	128	47	3	2		2.8	2.6	5.5	22	9	2	
FLES3-011	129	48	3	2			3.5	2.0	5	3		
FLES3-012	244	161	5	1			4.0	2.0	5	3		
FLES3-013	109	43	3	1		4.8	5.0	4.5	8	6	1	
FLES3-014	334	63	0	4	4.0	4.5	10.3	9.5	28	17	4	1
FLES3-015	88	43	2	2	3.0	2.5	7.5	9.0	33	10	2	
FLES3-016	84	23	4	5			5.0	5.5	27	5	2	
FLES3-017	40	9	0	2			2.0	1.5	6			
FLES3-018	11	1	0	8				2.8	1	1		
FLOK1-044	11	7	0	2		4.3	3.3	3.0	17	8		
FLOK2-001	9	3	0	2	3.0	3.3	3.0	3.3	25	7		
FLOK2-002	13	4	0	5	2.8	4.3	4.5	3.3	31	13		
FLOK2-003	5	1	0	1	2.8		4.0	1.3	6	3		
FLOK2-007	6	0	0	4	1.0		1.5	2.0	6			
FLOK2-027	8	1	0	2	2.8	1.8	2.0	1.0	11	1		
FLOK2-029	10	1	0	6	4.5	2.0	2.0	1.0	10	1		
FLOK2-030	20	4	0									
FLOK2-031	30	10	1	5	3.0	2.8	3.0	2.5	15	10		
FLOK2-032	25	7	0	5	3.5	3.0	3.5	1.5	28	8		
FLOK2-033	21	8	2	6	4.8	5.5	4.0	2.5	18	11	1	
FLOK2-034	24	6	1	6	3.1	2.3	4.0	2.0	28	9		
FLOK2-035	22	6	1	8	4.0	2.7	4.0	2.0	26	10		
FLOK2-036	25	10	4	6	3.0	3.0	3.8	3.5	20	9		
FLOK2-038	25	9	3	5	6.5	3.8	3.0	2.8	13	6	1	
FLWA1-001	12	1	0	7	2.0	4.0	2.0	3.0	16	3		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLWA1-002	14	2	0	5	4.5	2.0	3.0	3.0	20	5		
FLWA1-005	5	0	0	2	2.0	2.5	1.5	2.0	11	1		
FLWA1-008	8	1	0	2		2.5	2.1	1.5	10	1		
FLWA1-009	8	0	0	5	2.0	3.0	2.5	2.0	19	4		
FLWA1-010	14	0	0	4	2.8	1.5	2.0	3.0	13	3		
FLWA1-011	16	2	0	4	1.8		2.0	2.0	10			
FLWA1-016	24	1	0	3	4.0		4.5	3.5	10	3		
FLWA1-017	19	4	0	4	4.0	3.1	3.8	3.0	19	9		
FLWA1-018	30	3	0	4	2.1	3.3	4.8	2.0	17	5		
FLWA1-019	26	0	0	6		2.0	2.0	1.5	7			
FLWA1-020	41	3	0	4	3.8	1.0	2.0	2.5	13	2		
FLWA1-021	44	9	0	7	2.3	3.0	2.5	4.0	18	4		
FLWA1-022	29	5	0	5	5.0	3.0	3.0	4.5	17	8	1	
FLWA1-023	51	21	0	6	3.0	3.5	4.3	2.0	13	7		
FLWA1-024	44	18	0	3	2.0	4.5	2.5	3.0	4	3		
FLWA1-025	43	5	0	2	6.0	3.0		2.5	8	5	1	
FLWA1-026	34	3	0	2	6.0	5.5	4.5	3.0	13	7	2	
FLWA1-027	33	6	0	3	1.5	1.5	4.3	3.0	10	4		
FLWA1-028	39	1	0	3	4.0	3.0	4.0	8.0	21	15	1	
FLWA1-029	47	1	0	4	2.3	2.8	4.0	5.0	23	8	1	
FLWA1-031	86	4	0	10	3.0	2.0	3.0	4.0	14	3		
FLWA1-033	45	10	0	10		2.1	1.8	1.8	5			
FLWA1-035	30	4	0	8	2.0	2.0	2.0	2.5	6	1		
FLWA1-036	36	5	0	6			1.5	3.3	3	1		
FLWA1-037	105	4	0	4			2.2	1.3	3			
FLWA1-038	18	2	0	6			1.5		1			
FLWA2-002	4	0	0	9	2.5	1.0	2.5	2.5	12	3		
FLWA2-005	11	0	0	13	2.5	1.3	2.0	2.8	9	3		
FLWA2-007	11	1	0	6	3.8	2.8	2.5	2.3	19	5		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

	OPS Pounds collected*				SCAT max size (cm) since 6/1/2012				# Visits with SRBs since 6/1/2012			
Segment Number	6/1/2011 6/1/2013	1/1/2012 6/1/2013	1/1/2013 6/1/2013	visits non-MC252 observed	LI	MI	UI	SU	Number of visits	> 2.5	>5	> 10
FLWA2-008	6	0	0	6	3.5		2.0	1.0	10	3		
FLWA2-009	24	2	0	7		3.0	4.0	3.0	19	10		
FLWA2-010	6	1	0	6	3.3	2.3	4.0	2.0	16	3		
FLWA2-011	10	2	0	9	2.5	2.0			4	1		
FLWA2-012	9	1	0	6	3.5		3.8		5	2		
FLWA2-013	9	3	0	7	3.8	3.2	2.0	2.5	16	7		
FLWA2-014	15	5	0	6	2.5		2.0		7	1		
FLWA2-015	16	4	0	9	4.0	3.0	3.4	3.3	14	7		
FLWA2-016	15	5	0	8	2.8	3.0	2.0	3.0	11	5		
FLWA2-017	8	3	0	8		3.5	3.5		6	2		
FLWA2-018	15	2	0	6	3.5		3.0	2.0	3	2		
FLWA2-019	26	3	0	8	3.5	4.0	3.0	2.5	12	5		
FLWA2-020	24	3	0	9	1.9	3.5	4.0	2.2	14	5		
FLWA2-021	19	4	0	6	1.2	3.5	3.3	2.0	12	3		
FLWA2-022	14	2	0	4	2.8	4.0	3.0	3.0	10	4		
FLWA2-023	14	3	0	4	4.3	1.8	3.0	3.5	9	6		
FLWA2-024	14	4	0	6	5.0	2.8	4.0	3.0	13	7	1	
FLWA2-025	13	7	0	4	4.3	2.4	2.3	4.0	5	3		
FLWA2-026	14	3	0	2	6.0	2.5	4.0	2.5	6	5	1	
FLWA2-027	18	5	0	7	4.0	4.5	5.0	2.0	12	8	1	
FLWA2-028	11	0	0	12	3.0		4.0	6.0	11	5	1	
FLWA2-029	15	0	0	6	3.0	5.0	3.0	1.5	16	8	1	
FLWA2-031	32	0	0	2	1.8	2.5	3.5	4.0	11	4		
FLWA2-033	16	0	0	7	2.5	2.5	2.3	3.0	14	3		
FLWA2-034	12	0	0	7	3.5	2.5	2.5	2.5	15	5		

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSHA1-031	7	0	0	0	na	L	L
MSHA1-032	17	0	0	0	na	L	L
MSHA1-033	8	0	0	0	na	L	L
MSHA1-034	26	0	0	0	na	L	L
MSHA1-035	9	0	0	0	na	L	L
MSHA1-036	156	0	0	0	na	L	L
MSHA1-037	69	0	0	0	na	L	L
MSHA1-040	21	0	0	0	na	L	L
MSHA1-041	435	0	0	0	na	L	L
MSHA1-043	484	0	0	0	na	L	L
MSHA1-045	25	0	0	0	na	L	L
MSHA1-046	44	0	0	0	na	L	L
MSHA1-047	386	0	0	0	na	L	L
MSHA1-048	236	0	0	0	na	L	L
MSHA1-049	2	1	0	0	na	L	L
MSHA1-050	32	0	0	0	na	L	L
MSHA1-051	24	0	0	0	na	L	L
MSHR1-001	18	0	0	0	4.1	M	L
MSHR1-002	24	0	0	0	0.2	M	L
MSHR1-003	210	0	0	0	na	M	L
MSHR1-004	36	0	0	0	0.2	M	L
MSHR1-005	20	0	0	0	6.5	M	L
MSHR1-006	10	0	0	0	na	M	L
MSHR1-007	22	0	0	0	3.1	M	L
MSHR1-008	4	0	0	0	na	M	L
MSHR1-009	24	0	0	0	na	M	L
MSHR1-010	11	0	0	0	na	M	L
MSHR1-011	6	0	0	0	14.1	L	L
MSHR1-012	6	1	0	0	0.1	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSHR1-019	2	0	0	0	na	L	L
MSHR1-032	13	0	0	0	na	L	L
MSHR1-033	5	0	0	0	na	M	L
MSHR1-034	2	0	0	0	na	M	L
MSHR1-035	5	0	0	0	na	M	L
MSHR1-036	3	0	0	0	46.1	L	L
MSHR1-037	5	0	0	0	15.5	L	L
MSHR1-038	0	0	0	0	na	M	L
MSHR1-039	35	0	0	0	1.0	M	L
MSHR1-040	16	0	0	0	na	M	L
MSHR1-041	6	0	0	0	na	M	L
MSHR1-042	4	0	0	0	na	M	L
MSHR1-043	5	1	0	0	na	M	L
MSHR1-044	6	0	0	0	4.7	M	L
MSHR1-045	3	0	0	0	na	M	L
MSHR1-046	2	0	0	0	2.4	M	L
MSHR1-047	4	0	0	0	na	M	L
MSHR1-048	6	0	0	0	na	M	L
MSHR1-049	8	0	0	0	1.0	M	L
MSHR1-050	2	0	0	0	1.0	M	L
MSHR1-051	17	0	0	0	na	M	L
MSHR1-052	25	0	0	0	1.7	M	L
MSHR1-068	0	0	0	0	na	L	L
MSHR1-069	0	0	0	0	na	L	L
MSHR1-070	0	0	0	0	na	L	L
MSHR1-085	0	0	0	0	na	L	L
MSHR1-086	3	0	0	0	na	L	L
MSHR1-087	2	0	0	0	na	L	L
MSHR1-088	6	3	0	0	na	M	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSHR1-091	2	0	0	0	na	M	L
MSHR1-092	6	0	0	0	50.4	M	L
MSHR1-093	8	0	0	0	14.4	M	L
MSHR1-094	15	0	0	0	9.2	M	L
MSHR1-095	20	0	0	0	20.0	M	L
MSHR1-096	19	0	0	0	43.8	M	L
MSHR1-097	15	1	0	0	5.1	M	L
MSHR1-098	11	0	0	0	45.2	M	L
MSHR1-099	34	0	0	0	37.2	M	L
MSHR1-100	19	0	0	0	55.8	M	L
MSHR1-101	12	0	0	0	34.9	M	L
MSHR1-102	28	0	0	0	21.6	M	L
MSHR1-107	2	0	0	0	na	M	L
MSHR2-005	14	0	0	0	na	L	L
MSHR2-007	49	0	0	0	na	L	L
MSHR2-008	57	0	0	0	na	L	L
MSHR2-009	19	0	0	0	na	L	L
MSHR2-012	20	0	0	0	na	L	L
MSHR2-055	35	0	0	0	na	L	L
MSHR2-060	50	0	0	0	na	L	L
MSHR2-061	47	0	0	0	na	L	L
MSHR2-069	40	0	97	0	na	L	L
MSHR2-070	51	0	91	0	na	L	L
MSHR2-071	34	0	105	0	na	L	L
MSHR2-072	32	0	73	0	na	L	L
MSHR2-073	40	0	170	0	na	L	L
MSHR2-074	48	0	174	0	na	L	L
MSHR2-075	29	0	166	0	na	L	L
MSHR2-076	24	0	136	0	na	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSHR2-077	27	0	143	0	na	L	L
MSHR2-078	40	0	106	0	na	L	L
MSHR2-079	32	0	59	0	na	L	L
MSHR2-080	63	0	78	0	na	L	L
MSHR2-081	89	0	128	0	na	L	L
MSHR2-082	67	0	96	0	na	L	L
MSHR2-083	118	0	136	0	na	L	L
MSHR3-001	46	0	0	0	na	L	L
MSHR3-002	33	0	0	0	na	L	L
MSHR3-005	35	0	0	0	na	L	L
MSHR3-007	27	0	0	0	na	L	L
MSHR3-008	52	0	0	0	na	L	L
MSHR3-009	38	0	0	0	na	L	L
MSHR3-010	28	0	0	0	na	L	L
MSHR3-021	21	0	0	0	na	L	L
MSHR3-024	38	0	0	0	na	L	L
MSHR3-025	33	0	0	0	na	L	L
MSHR3-026	32	0	0	0	na	L	L
MSHR3-027	39	0	0	0	na	L	L
MSHR3-030	0	0	0	0	na	L	L
MSHR3-031	42	0	0	0	na	L	L
MSHR3-032	41	0	0	0	na	L	L
MSHR3-033	22	1	0	0	na	L	L
MSHR3-034	20	0	0	0	na	L	L
MSHR3-035	29	0	0	0	na	L	L
MSHR3-036	22	0	0	0	na	L	L
MSHR3-037	30	0	0	0	na	L	L
MSHR3-041	29	0	0	0	na	L	L
MSHR3-044	30	0	0	0	na	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSHR3-046	36	0	0	0	na	L	L
MSHR3-047	15	0	0	0	na	L	L
MSHR4-001	25	0	0	0	na	L	L
MSHR4-002	19	0	0	0	na	L	L
MSHR4-003	21	0	0	0	na	L	L
MSHR4-004	23	0	0	0	na	L	L
MSHR5-001	14	0	0	0	0	M	L
MSHR5-002	80	1	0	0	0	M	L
MSHR5-003	51	0	0	0	8.9	M	L
MSHR5-004	14	0	0	0	0	M	L
MSHR5-005	21	0	0	0	0	M	L
MSHR5-006	33	1	0	0	0	M	L
MSHR5-007	37	0	0	0	0	M	L
MSHR5-008	10	0	0	0	0	M	L
MSHR5-009a	15	0	0	0	na	M	L
MSHR5-014b	3	0	0	0	na	M	L
MSHR5-015A	4	0	0	0	na	M	L
MSHR5-015B	11	0	0	0	na	M	L
MSHR5-016	3	0	0	0	0	M	L
MSHR5-017	3	0	0	0	0	M	L
MSHR5-018	14	0	275	18	0	M	L
MSHR5-019	12	1	0	0	17.7	M	L
MSHR5-020	24	0	0	0	57.2	M	L
MSHR5-021	10	2	0	0	11.5	M	L
MSJK1-001	20	1	0	0	34.5	H	M
MSJK1-002	17	1	0	0	8.8	H	L
MSJK1-003	23	0	0	0	0	H	L
MSJK1-004	2	0	0	0	49.3	M	M
MSJK1-005	7	0	0	0	0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSJK1-006	498	1	0	0	11.8	H	L
MSJK1-007	18	0	0	0	15.3	H	L
MSJK1-008	148	0	0	0	46.6	H	M
MSJK1-009	12	0	0	0	0	H	L
MSJK1-010	15	0	0	0	0	H	L
MSJK1-011	0	0	0	0	11.3	H	L
MSJK1-012	0	0	0	0	21.0	H	L
MSJK1-013	20	0	0	0	17.0	H	L
MSJK1-014	29	0	0	0	0	H	L
MSJK1-015	6	0	0	0	0	H	L
MSJK1-016	2	0	0	0	0	H	L
MSJK1-017	8	0	0	0	36.1	H	M - BOP
MSJK1-018	6	0	0	0	0	H	L
MSJK1-019	27	0	0	0	8.4	H	L
MSJK1-020	13	0	0	0	0	H	L
MSJK1-021	9	0	0	0	0	H	L
MSJK1-022	15	0	0	0	0	H	L
MSJK1-023	26	0	0	0	0	H	L
MSJK1-024	19	0	0	0	0	H	L
MSJK1-025	23	0	0	0	0	M	L
MSJK1-026	24	0	0	0	0	H	L
MSJK1-027	19	0	0	0	0	H	L
MSJK1-028	17	0	0	0	0	H	L
MSJK1-029	21	0	0	0	na	M	L
MSJK1-030	26	0	0	0	na	M	L
MSJK1-031	29	0	0	0	na	M	L
MSJK1-032	31	0	0	0	na	M	L
MSJK1-033	12	0	0	0	na	M	L
MSJK1-034	11	0	0	0	na	M	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSJK1-035	5	0	0	0	na	M	L
MSJK1-036	2	0	0	0	na	M	L
MSJK1-037	9	0	0	0	na	H	L
MSJK1-038	2	0	0	0	na	H	L
MSJK1-039	7	0	0	0	na	M	L
MSJK1-040	7	0	0	0	na	M	L
MSJK1-041	3	0	0	0	na	M	L
MSJK1-042	10	0	0	0	na	M	L
MSJK1-043	3	0	0	0	na	M	L
MSJK1-044	3	0	0	0	na	M	L
MSJK1-045	11	0	0	0	na	M	L
MSJK1-046	21	0	0	0	na	M	L
MSJK1-047	8	0	0	0	na	M	L
MSJK1-048	3	0	0	0	na	M	L
MSJK1-049	14	0	0	0	na	M	L
MSJK1-050	20	0	0	0	na	M	L
MSJK1-051	7	1	0	0	na	M	L
MSJK1-052	5	0	0	0	na	M	L
MSJK1-053	3	0	0	0	na	M	L
MSJK1-054	14	1	0	0	na	M	L
MSJK1-056	2	0	0	0	na	H	L
MSJK1-057	5	0	0	0	na	M	L
MSJK2-001	38	0	0	0	15.9	M	L
MSJK2-002	18	0	0	0	0	M	L
MSJK2-003	53	0	0	0	4.7	M	L
MSJK2-004	41	0	0	0	15.9	M	L
MSJK2-005	16	0	0	0	19.5	M	M
MSJK2-006	13	0	0	0	0	H	L
MSJK2-007	26	0	0	0	0	M	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSJK2-008	9	0	0	0	0	H	L
MSJK2-009	10	0	0	0	13.9	H	L
MSJK2-010	13	0	0	0	11.5	H	L
MSJK2-011	7	0	0	0	0	M	L
MSJK2-012	8	0	0	0	0	H	L
MSJK2-013	13	0	0	0	12.5	H	L
MSJK2-014	10	0	0	0	32.1	H	M
MSJK2-015	6	0	0	0	0	H	L
MSJK2-016	7	0	0	0	0	H	L
MSJK2-017	9	0	0	0	0	H	L
MSJK2-018	493	2	0	0	0	H	L
MSJK2-019	3	0	0	0	0	H	L
MSJK2-020	6	0	0	0	6.1	H	L
MSJK2-021	10	0	0	0	3.9	H	L
MSJK2-022	11	1	0	0	0	H	L
MSJK2-023	25	0	0	0	0	H	L
MSJK2-024	12	0	0	0	0	H	L
MSJK2-025	5	0	0	0	0	H	L
MSJK2-026	6	0	103	28	48.5	H	L
MSJK2-027	3	0	0	0	4.8	H	L
MSJK2-028	2	0	0	0	26.9	M	L
MSJK2-029	23	0	0	0	38.4	M	L
MSJK2-031	46	0	0	0	3.1	M	L
MSJK2-032	40	0	0	0	0	M	L
MSJK2-039	5	0	0	0	0	M	L
MSJK2-040	9	0	102	21	14.0	M	L
MSJK2-041	45	0	0	0	15.7	M	L
MSJK2-042	30	0	0	0	18.1	L	L
MSJK2-043	49	0	0	0	5.9	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
MSJK2-045	45	0	0	0	0	L	L
MSJK2-046	39	0	0	0	0	M	L
MSJK3-010	17	0	0	0	na	L	L
MSJK3-011	27	0	0	0	na	L	L
MSJK3-012	43	0	0	0	na	L	L
MSJK3-015	30	0	0	0	na	L	L
MSJK3-016	24	0	0	0	na	L	L
MSJK3-019	4	0	0	0	na	L	L
MSJK4-019	32	0	0	0	na	L	L
MSJK4-046	4	0	0	0	na	L	L
MSJK4-047	4	0	0	0	na	L	L
MSJK4-048	12	0	0	0	na	L	L
MSJK4-050	4	0	0	0	na	L	L
MSJK4-092	13	0	0	0	na	L	L
MSJK4-093	10	0	0	0	na	L	L
ALBA1-001	317	1	0	0	26.9	H	H - BOP
ALBA1-002	139	0	103	0	70.0	H	H - BOP
ALBA1-003	169	0	72	0	0	H	L
ALBA1-004	152	0	290	1	0	H	L
ALBA1-005	131	0	324	5	23.9	H	H - BOP
ALBA1-006	145	1	29	0	72.5	H	H - BOP
ALBA1-007	131	0	511	2	50.9	H	H - BOP
ALBA1-008	126	0	0	0	73.9	H	H - BOP
ALBA1-009	126	0	79	0	8.4	H	L
ALBA1-010	135	4	1333	9	43.9	H	H - BOP
ALBA1-011	132	0	240	26	68.0	H	H - BOP
ALBA1-012	161	1	107	3	80.6	H	H - BOP
ALBA1-013	126	3	30	1	34.5	H	H - BOP
ALBA1-014	126	2	81	3	0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALBA1-015	151	1	215	2	29.2	H	H - BOP
ALBA1-016	116	0	551	13	80.6	H	H - BOP
ALBA1-017	112	3	542	3	29.8	H	H - BOP
ALBA1-018	169	0	774	1	0	M	H - BOP
ALBA1-019	106	2	442	8	64.6	H	H - BOP
ALBA1-020	117	1	377	37	26.0	H	H - BOP
ALBA1-021	215	5	319	5	6.4	H	H - BOP
ALBA1-022	196	1	406	10	13.5	H	H - BOP
ALBA1-023	142	4	82	2	0	M	H - BOP
ALBA1-024	94	0	90	11	12.0	H	H - BOP
ALBA1-025	120	0	342	20	78.3	H	H - BOP
ALBA1-026	75	0	818	22	41.1	H	H - BOP
ALBA1-027	138	0	1343	37	33.6	H	H - BOP
ALBA1-028	185	1	1626	42	34.6	H	H - BOP
ALBA1-029	123	0	1321	51	56.5	H	H - BOP
ALBA1-030	111	3	954	56	65.5	H	H - BOP
ALBA1-031	162	3	530	8	74.0	H	H - BOP
ALBA1-032	121	0	674	18	0	H	L
ALBA1-033	127	0	1064	70	44.3	H	H - BOP
ALBA1-034	161	10	492	1	78.5	H	H - BOP
ALBA1-035	118	1	759	68	62.8	H	H - BOP
ALBA1-036	140	5	698	83	57.7	H	H - BOP
ALBA1-037	384	6	421	35	5.6	H	H - BOP
ALBA1-038	342	5	64	20	12.7	H	H - BOP
ALBA1-039	127	0	314	7	21.8	H	H - BOP
ALBA1-040	157	14	719	15	13.7	H	H - BOP
ALBA1-041	141	4	1083	48	54.9	H	H - BOP
ALBA1-042	134	2	514	35	0	H	L
ALBA1-043	152	1	546	0	0	H	M - BOP

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALBA1-044	147	1	123	0	3.1	H	L
ALBA1-127	50	0	0	0	na	L	L
ALBA1-135	55	0	1167	44	na	H	L
ALBA1-136	88	0	212	24	13.9	H	L
ALBA2-001	112	0	497	0	0	H	L
ALBA2-002	137	0	986	0	0	H	L
ALBA2-003	117	0	1466	17	11.0	H	L
ALBA2-004	120	1	1143	11	0	H	L
ALBA2-005	122	0	1241	37	0	H	L
ALBA2-006	147	1	1179	22	0	H	L
ALBA2-007	145	0	1355	125	0	H	L
ALBA2-008	145	3	1024	59	0	H	L
ALBA2-009	149	1	2137	183	3.4	H	L
ALBA2-010	145	1	1341	8	65.6	H	L
ALBA2-011	187	0	1579	34	17.6	H	H - BOP
ALBA2-012	153	3	1682	30	7.7	H	M - BOP
ALBA2-013	147	0	702	11	33.6	H	M
ALBA2-014	111	1	702	3	37.8	H	M
ALBA2-015	118	1	938	2	0	H	L
ALBA2-016	112	1	179	0	0	H	L
ALBA2-017	75	1	0	0	0	H	L
ALBA2-018	81	0	89	0	0	H	L
ALBA2-019	77	2	555	0	0	H	L
ALBA2-020	108	0	600	0	0	H	L
ALBA2-021	129	1	541	1	17.1	H	L
ALBA2-022	144	0	521	0	0	H	L
ALBA2-023	123	0	642	0	0	H	L
ALBA2-024	76	1	505	0	0	H	L
ALBA2-025	57	0	351	0	0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALBA2-026	71	0	391	0	0	H	L
ALBA2-027	105	1	330	1	23.1	H	L
ALBA2-028	105	1	367	0	0	H	L
ALBA2-029	116	0	463	1	0	H	L
ALBA2-030	112	0	615	3	21.1	H	L
ALBA2-031	133	0	546	4	49.0	H	M
ALBA2-032	116	0	578	3	43.9	H	M
ALBA2-033	139	4	399	2	9.6	H	M
ALBA2-034	124	8	390	3	0	H	L
ALBA2-035	98	6	457	1	0	H	L
ALBA2-036	90	6	471	1	0	H	L
ALBA2-037	91	8	436	2	0	H	L
ALBA2-038	99	1	382	0	0	H	L
ALBA2-039	65	3	592	0	0	H	L
ALBA2-040	71	3	467	0	0	H	L
ALBA2-041	68	7	439	1	0	H	L
ALBA2-042	73	5	386	4	0	H	L
ALBA2-043	200	3	356	9	8.2	H	L
ALBA2-044	264	6	340	0	0	H	L
ALBA2-045	385	16	437	0	9.7	H	L
ALBA2-046	78	5	360	0	60.8	H	M
ALBA2-047	88	1	566	12	49.0	H	M
ALBA2-048	107	2	325	0	8.5	H	L
ALBA2-049	139	0	239	0	0	H	L
ALBA2-052	138	0	98	0	0	H	L
ALBA2-053	131	1	8	0	35.0	H	L
ALBA2-054	84	2	113	0	8.5	H	L
ALBA2-055	77	1	201	1	13.9	H	L
ALBA2-056	403	12	499	0	13.0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALBA2-057	113	1	411	9	22.3	H	L
ALBA2-058	98	0	636	0	0	H	L
ALBA2-059	186	1	417	0	23.9	H	L
ALBA2-060	117	2	402	0	8.4	H	L
ALBA2-061	148	0	580	0	2.1	H	L
ALBA2-150	8	0	0	0	na	L	L
ALBA2-151	12	0	0	0	na	L	L
ALBA2-155	43	0	0	0	na	L	L
ALBA2-157	11	0	0	0	na	L	L
ALBA2-159	19	0	32	0	na	L	L
ALBA2-162	6	0	0	0	na	L	L
ALBA2-163	8	0	0	0	na	L	L
ALBA2-164	27	0	12	4	na	L	L
ALBA2-165	2	0	0	0	na	L	L
ALBA2-166	10	0	0	0	na	L	L
ALBA2-167	23	1	0	0	na	L	L
ALBA2-172	10	0	0	0	na	L	L
ALBA2-173	3	0	30	6	na	L	L
ALBA2-174	21	0	0	0	na	L	L
ALBA2-175	10	0	0	0	na	L	L
ALBA2-176	7	0	0	0	na	L	L
ALBA2-177	13	0	0	0	na	L	L
ALBA2-178	14	0	0	0	na	L	L
ALBA2-179	6	0	0	0	na	L	L
ALBA2-180	7	0	0	0	na	L	L
ALBA2-191	9	0	78	0	na	L	L
ALBA2-193	27	0	17	0	na	L	L
ALBA2-194	40	0	45	0	na	L	L
ALBA2-323	20	0	90	0	na	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALBA2-325	38	0	0	0	na	L	L
ALBA2-326	32	0	0	0	na	L	L
ALBA2-327	22	0	0	0	na	L	L
ALMO1-001	24	0	0	0	na	L	L
ALMO1-002	16	0	58	0	na	L	L
ALMO1-003	15	0	0	0	na	L	L
ALMO1-004	19	1	38	3	na	L	L
ALMO1-005	28	0	0	0	na	L	L
ALMO1-006	29	1	0	0	na	L	L
ALMO1-007	33	0	0	0	na	L	L
ALMO1-008	26	0	0	0	na	L	L
ALMO1-009	20	0	0	0	na	L	L
ALMO1-010	24	2	0	0	na	L	L
ALMO1-011	13	2	0	0	na	L	L
ALMO1-012	19	1	0	0	na	L	L
ALMO1-013	14	0	0	0	na	L	L
ALMO1-014	21	0	0	0	na	L	L
ALMO1-015	26	0	0	0	na	L	L
ALMO1-016	20	0	0	0	na	L	L
ALMO1-017	21	0	0	0	na	L	L
ALMO1-018	21	0	0	0	na	L	L
ALMO1-019	14	0	0	0	na	L	L
ALMO1-020	21	0	0	0	na	L	L
ALMO1-021	115	0	0	0	na	L	L
ALMO1-022	125	1	0	0	na	L	L
ALMO1-027	119	0	0	0	na	L	L
ALMO1-028	64	0	0	0	na	L	L
ALMO1-029	15	0	0	0	na	L	L
ALMO1-030	15	0	0	0	na	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALMO1-031	17	0	0	0	na	L	L
ALMO1-032	10	0	0	0	na	L	L
ALMO1-033	19	0	0	0	na	L	L
ALMO1-034	18	0	0	0	na	L	L
ALMO1-035	29	0	0	0	na	L	L
ALMO1-036	29	0	0	0	na	L	L
ALMO1-037	26	0	0	0	na	L	L
ALMO1-038	42	0	0	0	na	L	L
ALMO1-039	19	1	0	0	na	L	L
ALMO1-040	9	0	0	0	na	L	L
ALMO1-041	16	1	0	0	na	L	L
ALMO1-042	23	0	0	0	na	L	L
ALMO1-043	14	0	0	0	na	L	L
ALMO1-044	18	0	0	0	na	L	L
ALMO1-045	15	0	0	0	na	L	L
ALMO1-046	15	0	0	0	na	L	L
ALMO1-047	10	0	0	0	na	L	L
ALMO1-048	84	0	0	0	na	L	L
ALMO1-049	59	0	0	0	na	L	L
ALMO1-050	13	0	0	0	na	L	L
ALMO1-051	8	0	0	0	na	L	L
ALMO1-052	11	0	0	0	na	L	L
ALMO1-053	17	0	0	0	na	L	L
ALMO1-054	13	0	0	0	na	L	L
ALMO1-055	11	0	0	0	na	L	L
ALMO1-056	16	0	0	0	na	L	L
ALMO1-057	14	0	0	0	na	L	L
ALMO1-058	14	0	0	0	na	L	L
ALMO1-059	15	0	0	0	na	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
ALMO1-060	21	0	0	0	na	L	L
ALMO1-061	71	0	0	0	na	L	L
ALMO1-062	3	0	0	0	na	L	L
ALMO1-063	13	0	0	0	na	L	L
ALMO1-064	6	0	0	0	na	L	L
ALMO1-065	60	0	192	0	na	M	L
ALMO1-066	53	0	0	0	na	L	L
ALMO1-067	41	0	0	0	na	L	L
ALMO1-068	47	0	0	0	na	L	L
ALMO1-069	41	0	0	0	na	L	L
ALMO1-151	31	0	0	0	na	L	L
ALMO1-152	36	0	0	0	na	L	L
ALMO1-153	47	0	0	0	na	L	L
ALMO1-154	197	1	0	0	na	L	L
ALMO1-155	31	0	0	0	na	L	L
ALMO1-156	72	0	0	0	na	L	L
ALMO1-157	59	0	0	0	na	L	L
ALMO1-158	16	0	0	0	na	L	L
ALMO1-159	15	0	0	0	na	L	L
ALMO1-160	9	0	0	0	na	L	L
ALMO1-161	34	0	0	0	na	L	L
ALMO1-162	23	0	256	0	na	H	L
ALMO1-163	75	0	190	0	na	H	L
ALMO1-164	62	0	183	0	na	H	L
ALMO1-165	73	1	259	0	na	H	L
ALMO1-166	37	0	189	0	na	H	L
ALMO1-167	38	0	1	0	na	H	L
FLES1-001	216	5	485	0	0.5	H	L
FLES1-002	152	5	441	0	0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLES1-003	226	6	467	0	12.7	H	L
FLES1-004	348	5	428	0	0	H	L
FLES1-005	281	4	800	9	9.8	H	M - BOP
FLES1-006	321	6	1813	25	25.6	H	H - BOP
FLES1-007	201	11	470	7	38.3	H	H - BOP
FLES1-008	198	5	376	0	49.7	H	H - BOP
FLES1-009	239	11	108	0	20.2	H	H - BOP
FLES1-010	199	7	0	0	0	H	L
FLES1-011	117	3	0	0	0	H	L
FLES1-012	83	3	0	0	0	H	L
FLES1-013	255	5	0	0	1.4	H	L
FLES1-014	117	4	0	0	0	H	L
FLES1-015	214	2	0	0	0	H	L
FLES1-016	109	8	31	0	0	H	L
FLES1-017	137	6	117	1	0	H	L
FLES1-018	130	1	0	0	4.4	H	L
FLES1-019	137	3	0	0	9.6	H	L
FLES1-020	132	1	0	0	16.2	H	H - BOP
FLES1-021	139	1	52	0	50.6	H	H - BOP
FLES1-022	194	3	695	1	16.6	H	H - BOP
FLES1-023	112	8	158	0	27.0	H	H - BOP
FLES1-024	138	11	0	0	23.1	H	H - BOP
FLES1-025	230	25	0	0	62.8	H	H - BOP
FLES1-026	95	2	0	0	37.5	H	M - BOP
FLES1-027	71	9	0	0	11.3	H	L
FLES1-028	46	3	0	0	4.0	H	L
FLES1-029	58	1	0	0	0	H	L
FLES1-030	75	4	0	0	49.5	M	L
FLES1-031	59	0	0	0	35.6	H	M

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLES1-032	52	3	0	0	0	H	L
FLES1-033	0	0	13	2	na	M	L
FLES1-034	12	0	0	0	na	H	L
FLES1-035	54	0	9	5	na	H	M
FLES1-036	0	0	137	0	18.0	H	L
FLES1-037	9	2	76	5	na	H	L
FLES1-038	14	0	0	0	na	M	L
FLES1-042	72	2	0	0	na	H	M
FLES1-043	52	1	252	0	na	H	L
FLES1-045	27	0	0	0	na	L	L
FLES1-046	35	0	0	0	na	L	L
FLES1-047	46	0	0	0	na	L	L
FLES1-078	23	0	0	0	na	L	L
FLES1-079	23	0	0	0	na	L	L
FLES1-080	20	0	0	0	na	L	L
FLES1-081	6	0	0	0	na	L	L
FLES2-001	48	1	0	0	11.4	H	L
FLES2-002	299	2	375	0	79.2	H	M
FLES2-003	34	1	0	0	9.3	H	L
FLES2-004	106	0	0	0	46.1	H	L
FLES2-005	79	6	259	18	79.5	H	M
FLES2-006	144	8	38	0	52.9	H	L
FLES2-007	90	2	0	0	18.2	H	L
FLES2-008	263	0	0	0	55.0	H	M
FLES2-009	189	1	0	0	14.8	H	L
FLES2-010	183	3	0	0	23.2	H	M
FLES2-011	560	2	21	0	35.5	H	L
FLES2-012	634	15	391	0	0	H	L
FLES2-013	327	1	416	0	0	H	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLES2-014	234	2	346	0	0	H	L
FLES2-015	111	2	152	0	0	H	L
FLES2-016	296	1	533	0	14.0	H	L
FLES2-017	147	5	407	0	9.7	H	L
FLES2-018	699	6	2967	16	19.4	H	H - BOP
FLES2-019	477	1	776	3	23.0	H	H - BOP
FLES2-020	97	0	0	0	39.5	H	H - BOP
FLES2-021	228	1	353	0	24.3	H	H - BOP
FLES2-022	266	1	0	0	21.8	H	H - BOP
FLES2-023	190	0	0	0	18.5	H	H - BOP
FLES2-024	182	1	0	0	22.9	H	H - BOP
FLES2-025	249	3	0	0	21.5	H	H - BOP
FLES2-026	36	0	3	0	na	L	L
FLES2-027	31	0	0	0	na	L	L
FLES2-028	61	0	0	0	na	L	L
FLES2-029	25	0	0	0	na	L	L
FLES2-030	31	0	0	0	na	L	L
FLES2-031	20	0	0	0	na	L	L
FLES2-032	26	0	0	0	na	L	L
FLES2-033	26	0	0	0	na	L	L
FLES2-034	12	0	0	0	na	L	L
FLES2-044	22	0	0	0	na	L	L
FLES2-045	24	0	0	0	na	L	L
FLES2-046	23	0	0	0	na	L	L
FLES3-001	84	0	0	0	29.6	M	M - BOP
FLES3-002	6	0	0	0	17.1	L	L
FLES3-003	44	0	0	0	26.3	L	L
FLES3-004	57	0	0	0	8.6	L	L
FLES3-005	40	0	0	0	13.8	L	L

Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLES3-006	18	0	0	0	0	H	L
FLES3-007	26	1	0	0	0	H	L
FLES3-008	97	0	0	0	1.6	H	L
FLES3-009	23	0	0	0	0	H	L
FLES3-010	83	0	0	0	14.9	L	L
FLES3-011	127	0	0	0	12.9	L	L
FLES3-012	19	0	0	0	29.8	L	L
FLES3-013	22	0	0	0	7.4	H	L
FLES3-014	32	0	0	0	13.8	L	L
FLES3-015	94	0	0	0	24.0	L	L
FLES3-016	98	0	0	0	29.7	L	L
FLES3-017	44	0	0	0	15.3	L	L
FLES3-018	26	0	0	0	0	H	L
FLOK1-044	33	0	0	0	na	L	L
FLOK2-001	43	0	0	0	na	L	L
FLOK2-002	41	0	0	0	na	L	L
FLOK2-003	25	0	0	0	na	L	L
FLOK2-007	57	0	0	0	na	L	L
FLOK2-027	58	0	0	0	na	L	L
FLOK2-029	31	0	0	0	na	L	L
FLOK2-030	59	0	0	0	na	L	L
FLOK2-031	51	0	0	0	na	L	L
FLOK2-032	36	0	0	0	na	L	L
FLOK2-033	50	0	0	0	na	L	L
FLOK2-034	21	0	0	0	na	L	L
FLOK2-035	42	0	0	0	na	L	L
FLOK2-036	21	0	0	0	na	L	L
FLOK2-038	23	0	0	0	na	L	L
FLWA1-001	14	0	0	0	na	L	L

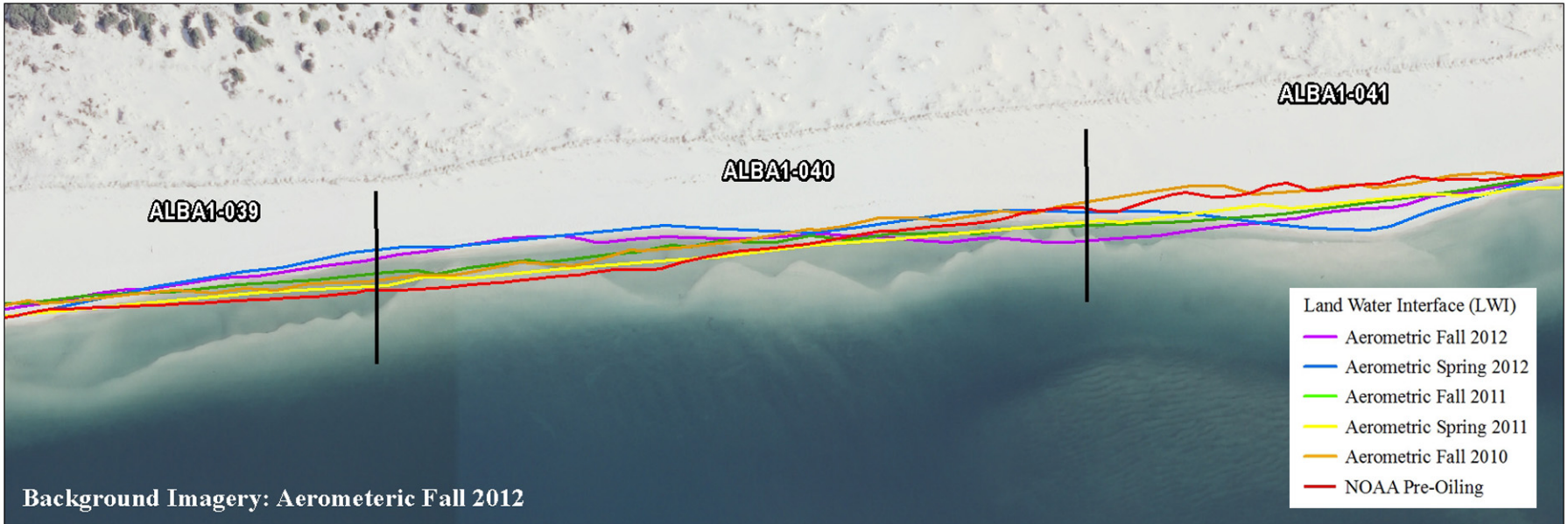
Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLWA1-002	26	0	0	0	na	L	L
FLWA1-005	34	0	0	0	na	L	L
FLWA1-008	19	0	0	0	na	L	L
FLWA1-009	13	0	0	0	na	L	L
FLWA1-010	8	0	0	0	na	L	L
FLWA1-011	9	0	0	0	na	L	L
FLWA1-016	26	0	0	0	na	L	L
FLWA1-017	20	0	0	0	na	L	L
FLWA1-018	12	0	0	0	na	L	L
FLWA1-019	6	0	0	0	na	L	L
FLWA1-020	41	0	0	0	na	L	L
FLWA1-021	18	0	0	0	na	L	L
FLWA1-022	7	0	0	0	na	L	L
FLWA1-023	25	0	0	0	na	L	L
FLWA1-024	8	0	0	0	na	L	L
FLWA1-025	20	0	0	0	na	L	L
FLWA1-026	20	0	0	0	na	L	L
FLWA1-027	24	0	0	0	na	L	L
FLWA1-028	90	0	0	0	na	L	L
FLWA1-029	116	0	0	0	na	L	L
FLWA1-031	47	0	0	0	na	L	L
FLWA1-033	130	0	0	0	na	L	L
FLWA1-035	26	0	0	0	na	L	L
FLWA1-036	65	0	0	0	na	L	L
FLWA1-037	28	0	0	0	na	L	L
FLWA1-038	26	0	0	0	na	L	L
FLWA2-002	69	0	0	0	na	L	L
FLWA2-005	28	0	0	0	na	L	L
FLWA2-007	49	0	0	0	na	L	L

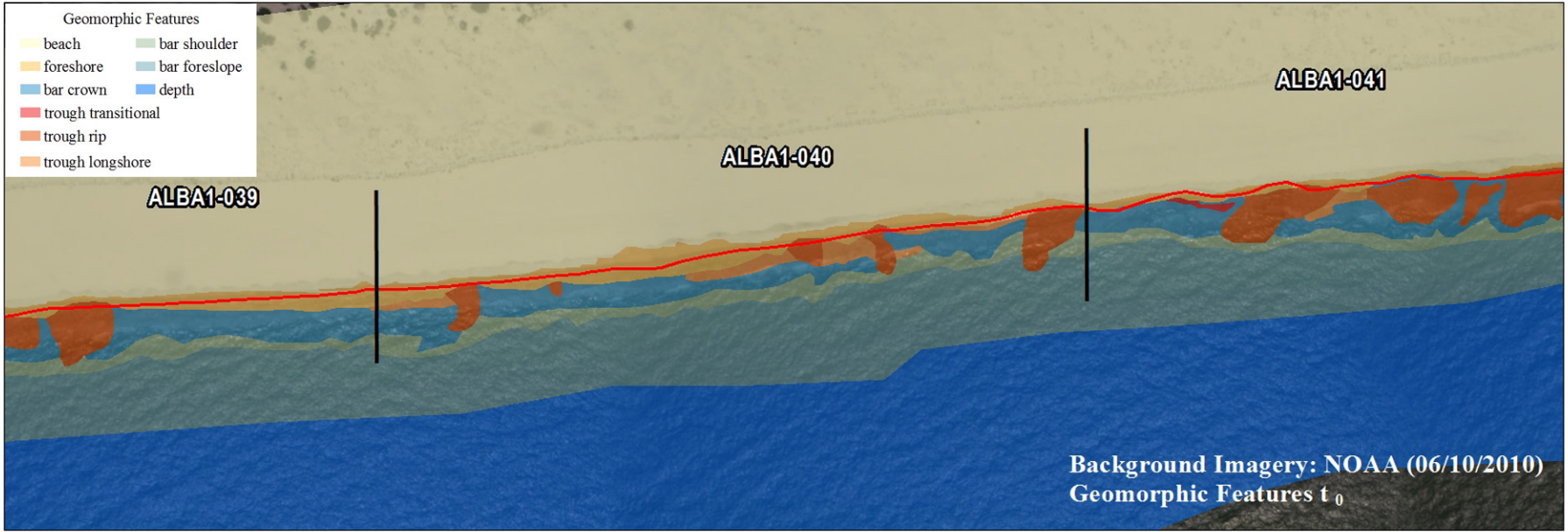
Appendix E. Summary of operations , scat surveys, land water interface change, and reoiling sources / mechanisms.

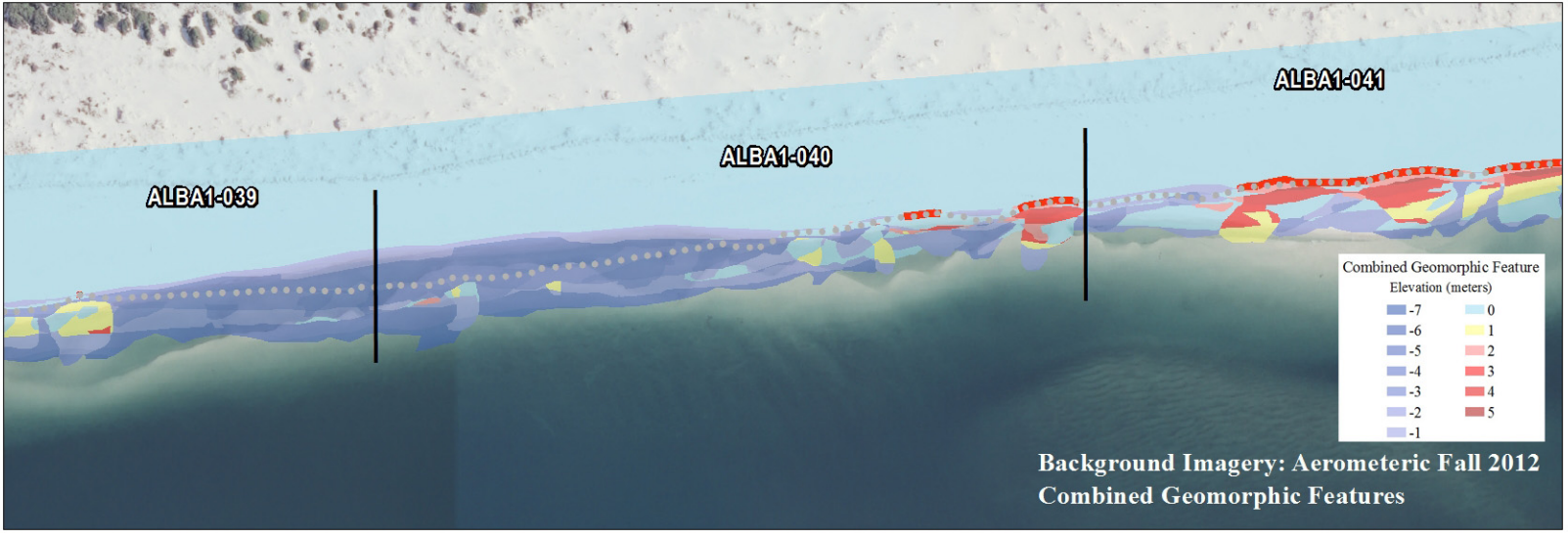
Segment Number	# SCAT pits	# SCAT pits heavy / moderate	# Snorkel SCAT	# Snorkel SCAT heavy / moderate	Percent not eroded - LWI	SOM Formation	SOM Persistence
FLWA2-008	21	0	0	0	na	L	L
FLWA2-009	33	0	0	0	na	L	L
FLWA2-010	36	0	0	0	na	L	L
FLWA2-011	50	0	0	0	na	L	L
FLWA2-012	23	0	0	0	na	L	L
FLWA2-013	46	0	0	0	na	L	L
FLWA2-014	8	0	0	0	na	L	L
FLWA2-015	25	0	0	0	na	L	L
FLWA2-016	25	0	0	0	na	L	L
FLWA2-017	25	0	0	0	na	L	L
FLWA2-018	8	0	0	0	na	L	L
FLWA2-019	29	0	0	0	na	L	L
FLWA2-020	11	0	0	0	na	L	L
FLWA2-021	20	0	0	0	na	L	L
FLWA2-022	14	0	0	0	na	L	L
FLWA2-023	12	0	0	0	na	L	L
FLWA2-024	16	0	0	0	na	L	L
FLWA2-025	3	0	0	0	na	L	L
FLWA2-026	18	0	0	0	na	L	L
FLWA2-027	3	0	0	0	na	L	L
FLWA2-028	11	0	0	0	na	L	L
FLWA2-029	26	0	0	0	na	L	L
FLWA2-031	20	0	0	0	na	L	L
FLWA2-033	36	0	0	0	na	L	L
FLWA2-034	21	0	0	0	na	L	L

ALBA1-039
ALBA1-040
ALBA1-041
Land Water Interface (LWI)
NOAA Pre-Oiling
Background Imagery: NOAA (06/10/2010)

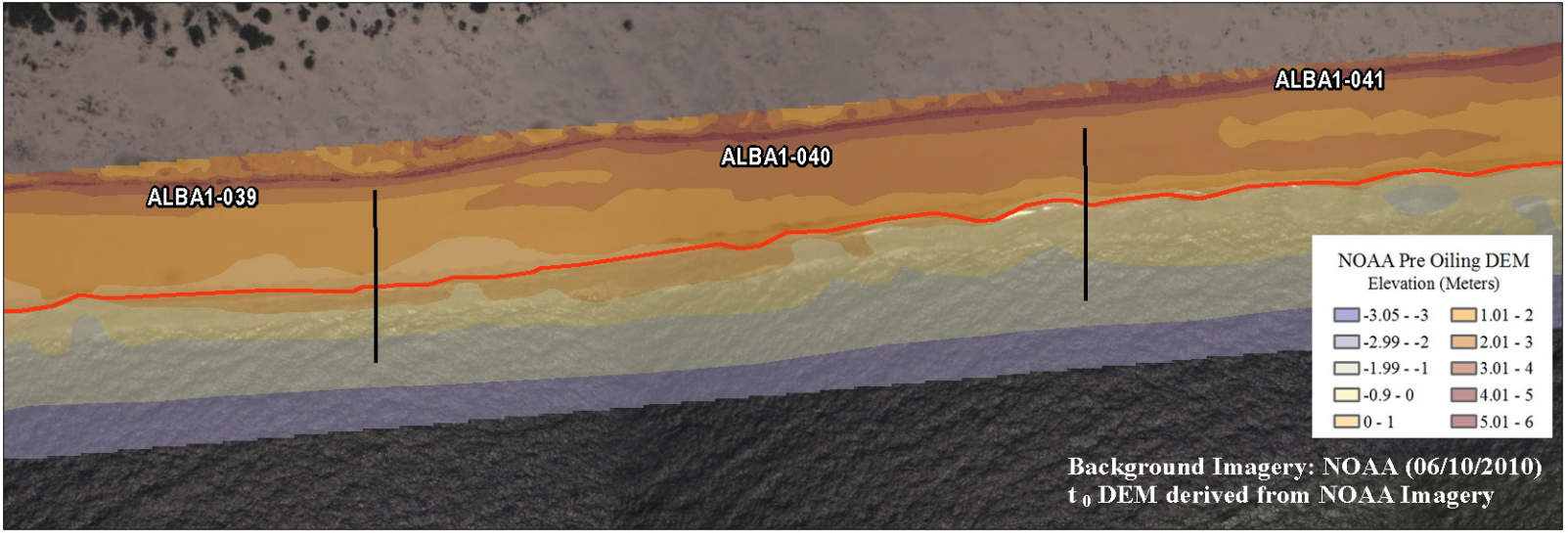

ALBA1-039
ALBA1-040
ALBA1-041
Land Water Interface (LWI)
Aerometric Fall 2012
Aerometric Spring 2012
Aerometric Fall 2011
Aerometric Spring 2011
Aerometric Fall 2010
NOAA Pre-Oiling
Background Imagery: Aerometeric Fall 2012

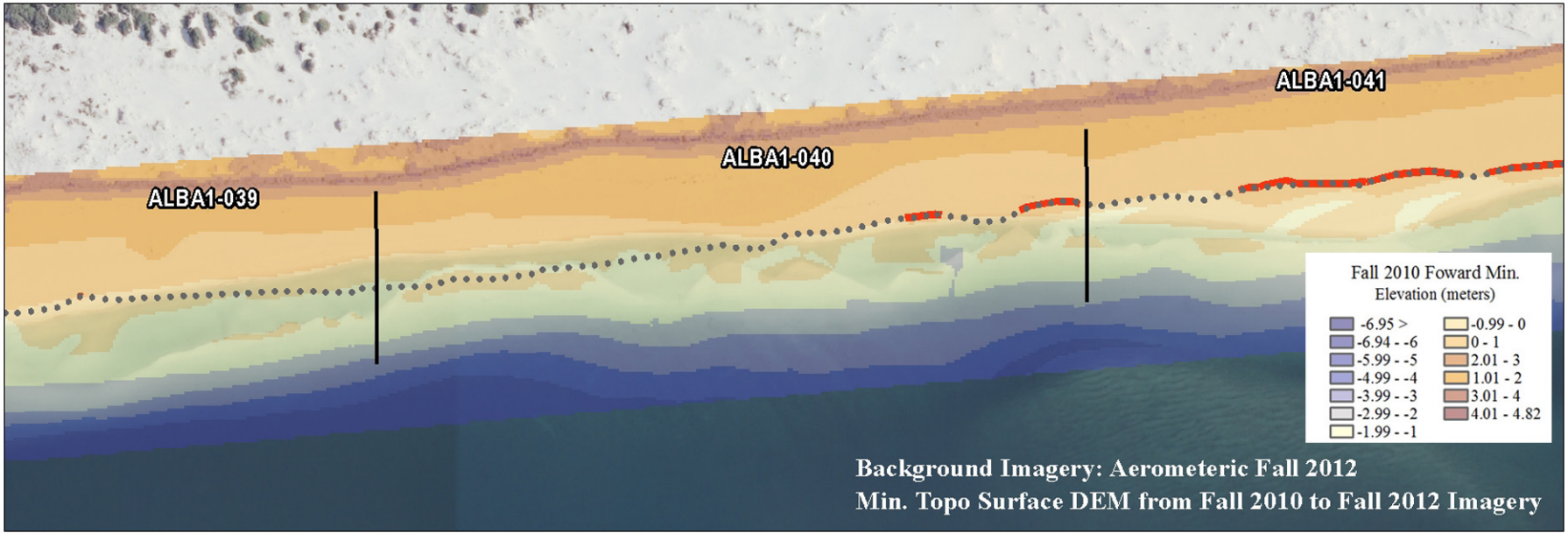
ALBA1-039
ALBA1-040
ALBA1-041
Land Water Interface (LWI)
Aerometric Fall 2012
Aerometric Spring 2012
Aerometric Fall 2011
Aerometric Spring 2011
Aerometric Fall 2010
NOAA Pre-Oiling
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.

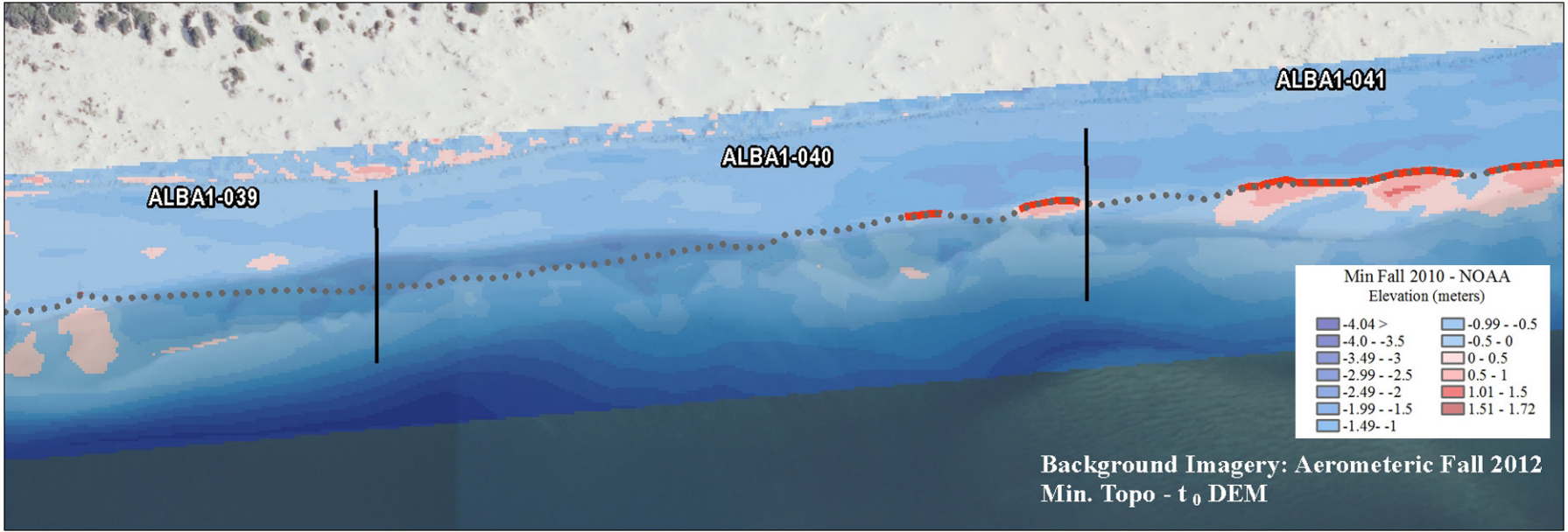

Geomorphic Features
beach
bar shoulder
foreshore
bar foreslope
bar crown
depth
trough transitional
trough rip
trough longshore
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: NOAA (06/10/2010)
Geomorphic Features t 0

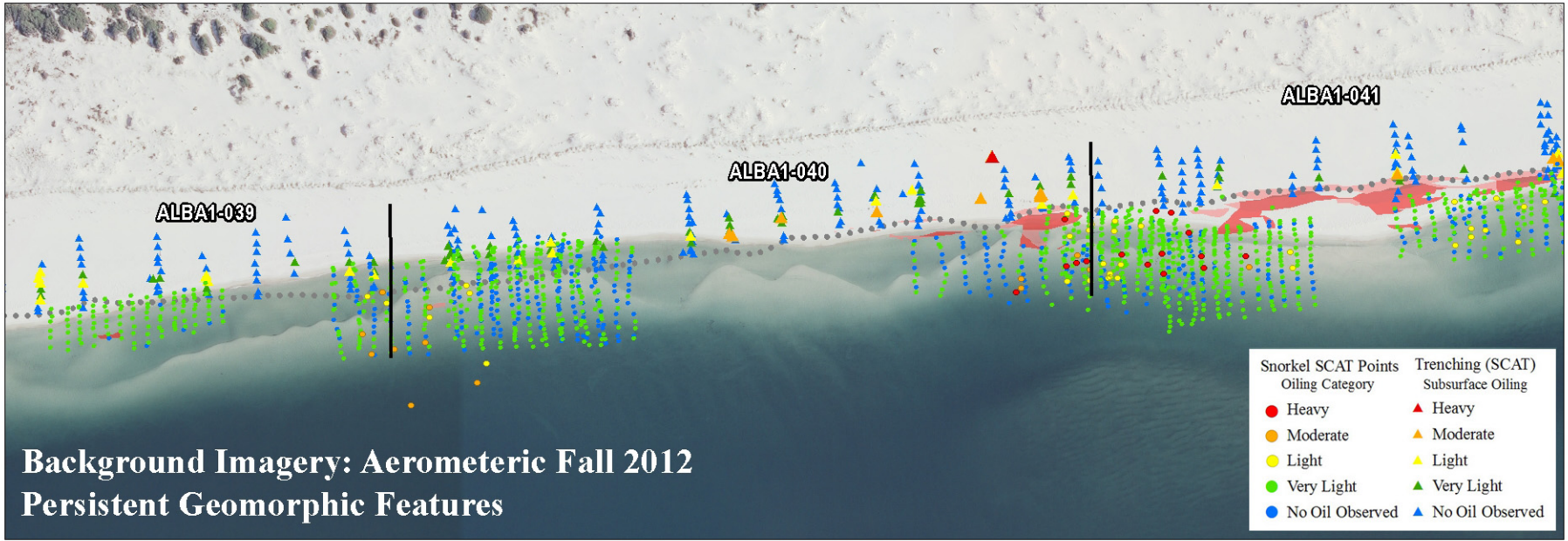

ALBA1-039
ALBA1-040
ALBA1-041
Combined Geomorphic Feature
Elevation (meters)
-7
-6
-5
-4
-3
-2
-1
0
1
2
3
4
5
Background Imagery: Aerometeric Fall 2012
Combined Geomorphic Features

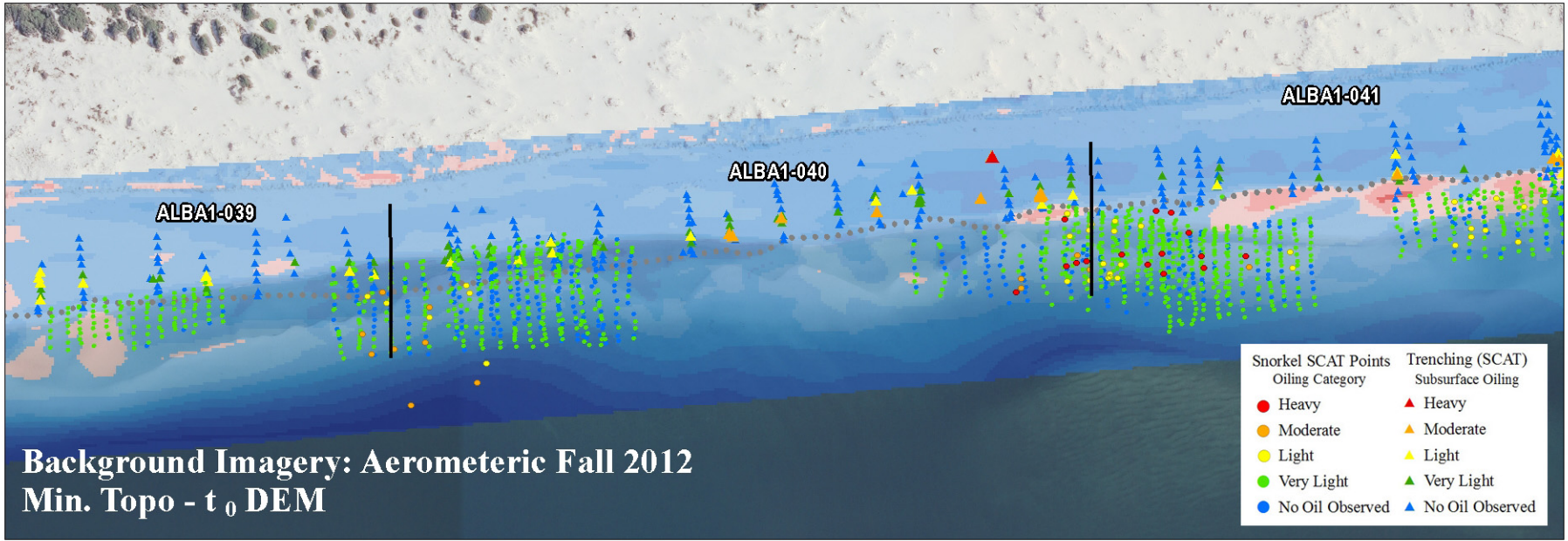
Combined Geomorphic Feature
Elevation (meters)
-7
-6
-5
-4
-3
-2
-1
0
1
2
3
4
5
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features


ALBA1-039
ALBA1-040
ALBA1-041
NOAA Pre Oiling DEM
Elevation (Meters)
-3.05 - -3
-2.99 - -2
-1.99 - -1
-0.9 - 0
0 - 1
1.01 - 2
2.01 - 3
3.01 - 4
4.01 - 5
5.01 - 6
Background Imagery: NOAA (06/10/2010)
t_0 DEM derived from NOAA Imagery

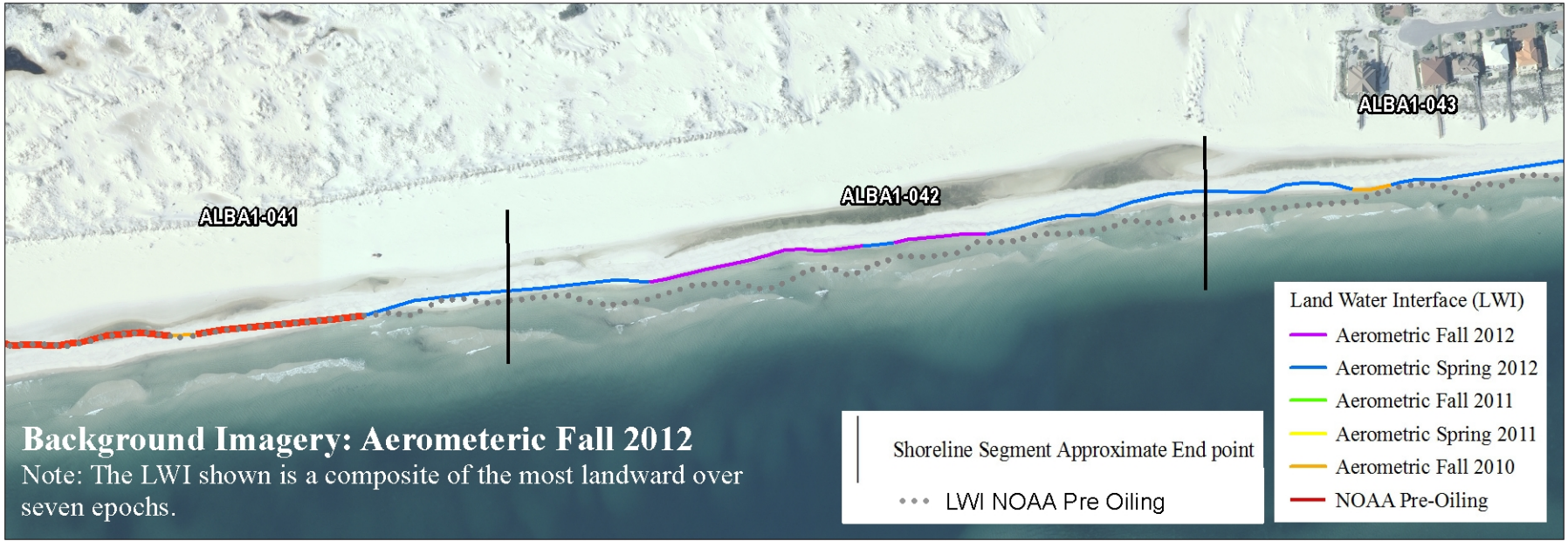

ALBA1-039
ALBA1-040
ALBA1-041
Fall 2010 Foward Min.
Elevation (meters)
-6.95 >
-6.94 - -6
-5.99 - -5
-4.99 - -4
-3.99 - -3
-2.99 - -2
-1.99 - -1
-0.99 - 0
0 - 1
2.01 - 3
1.01 - 2
3.01 - 4
4.01 - 4.82
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery


ALBA1-039
ALBA1-040
ALBA1-041
Min Fall 2010 - NOAA
Elevation (meters)
-4.04 >
-4.0 - -3.5
-3.49 - -3
-2.99 - -2.5
-2.49 - -2
-1.99 - -1.5
-1.49- -1
-0.99 - -0.5
-0.5 - 0
0 - 0.5
0.5 - 1
1.01 - 1.5
1.51 - 1.72
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM


ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features
Snorkel SCAT Points
Oiling Category
Heavy
Moderate
Light
Very Light
No Oil Observed
Trenching (SCAT)
Subsurface Oiling
Heavy
Moderate
Light
Very Light
No Oil Observed

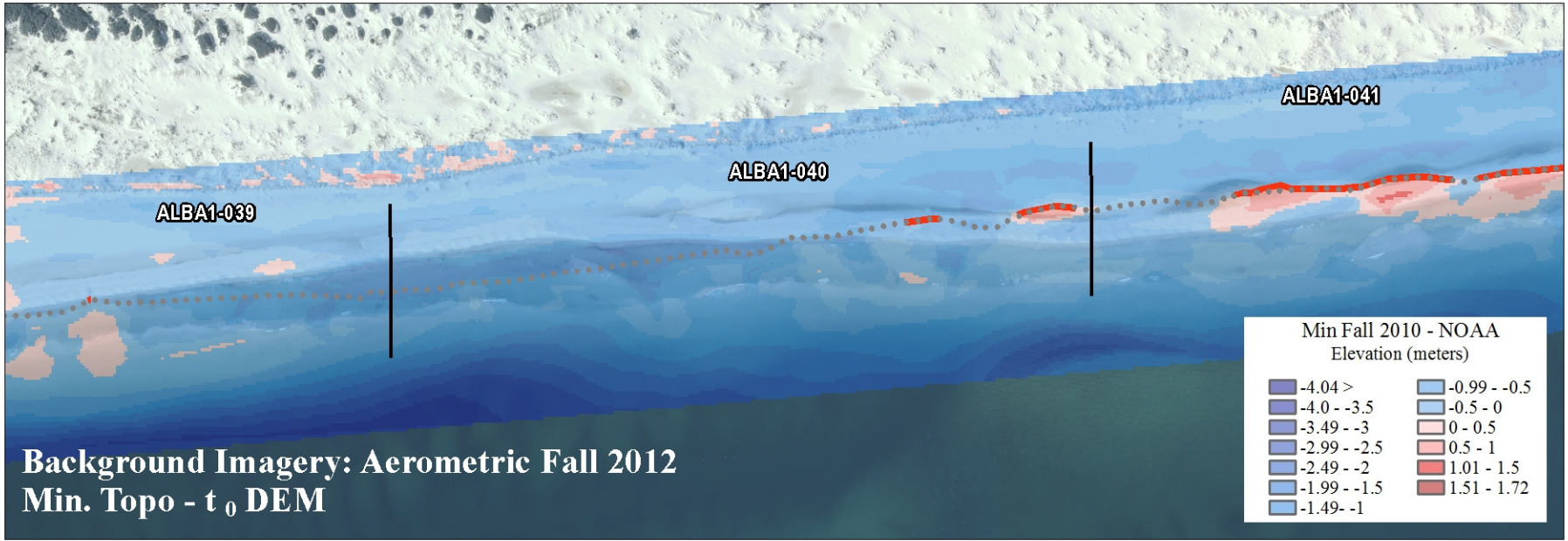

ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Min. Topo - t 0 DEM
Snorkel SCAT Points
Oiling Category
Heavy
Moderate
Light
Very Light
No Oil Observed
Trenching (SCAT)
Subsurface Oiling
Heavy
Moderate
Light
Very Light
No Oil Observed

ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.
Shoreline Segment Approximate End point
LWI NOAA Pre Oiling
Land Water Interface (LWI)
Aerometric Fall 2012
Aerometric Spring 2012
Aerometric Fall 2011
Aerometric Spring 2011
Aerometric Fall 2010
NOAA Pre-Oiling


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.
Shoreline Segment Approximate End point
LWI NOAA Pre Oiling
Land Water Interface (LWI)
Aerometric Fall 2012
Aerometric Spring 2012
Aerometric Fall 2011
Aerometric Spring 2011
Aerometric Fall 2010
NOAA Pre-Oiling

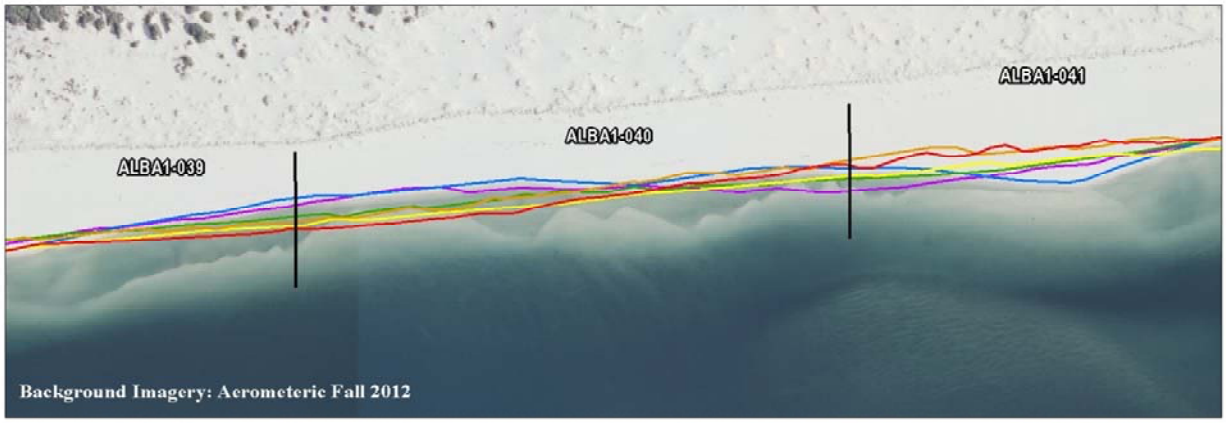
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features
No evidence of erosion
LWI NOAA_pre_oiling (06/10/2010)

ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features
No evidence of erosion
LWI NOAA_pre_oiling (06/10/2010)

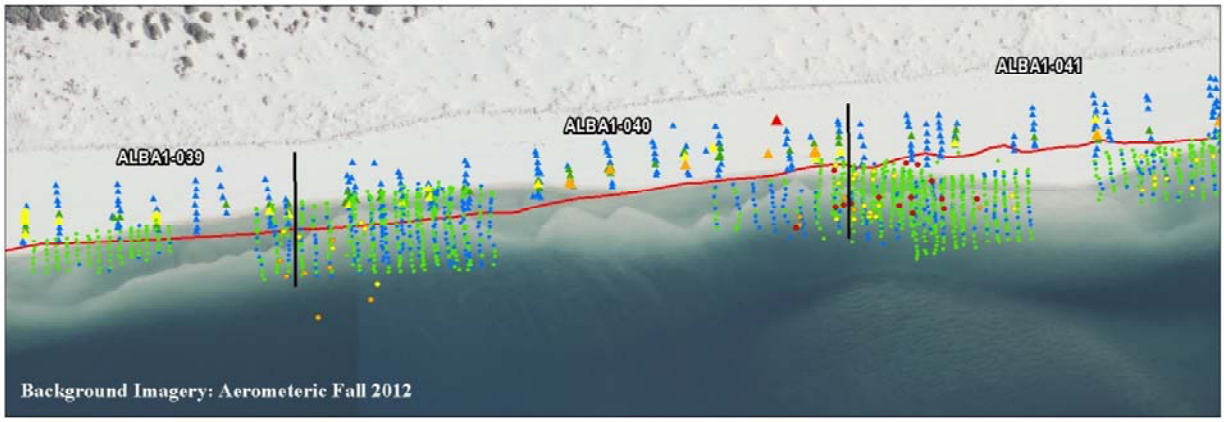

ALBA1-039
ALBA1-040
ALBA1-041
Min Fall 2010 - NOAA
Elevation (meters)
-4.04 >
-4.0 - -3.5
-3.49 - -3
-2.99 - -2.5
-2.49 - -2
-1.99 - -1.5
-1.49- -1
-0.99 - -0.5
-0.5 - 0
0 - 0.5
0.5 - 1
1.01 - 1.5
1.51 - 1.72
Background Imagery: Aerometric Fall 2012
Min. Topo - t 0 DEM

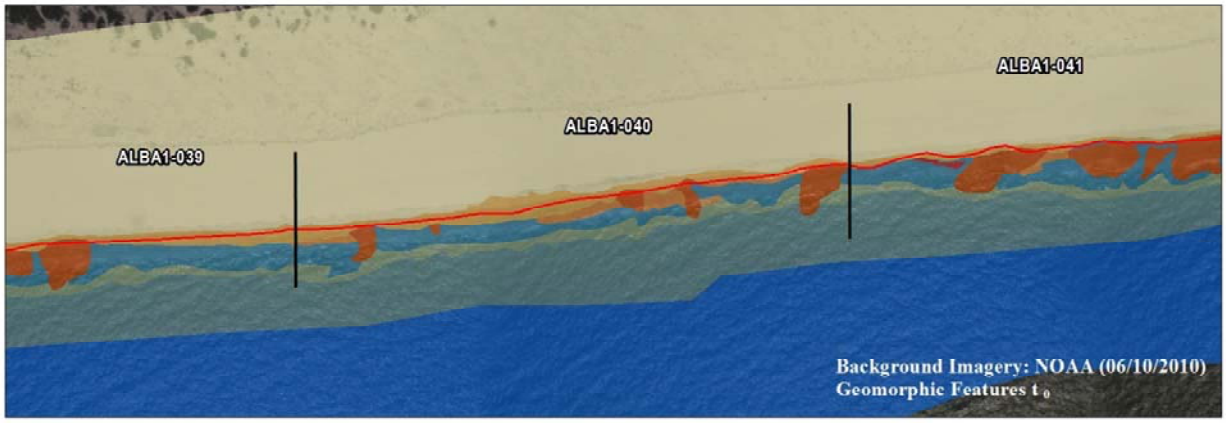
ALBA1-041
ALBA1-042
ALBA1-043
Min Fall 2010 - NOAA
Elevation (meters)
-4.04 >
-4.0 - -3.5
-3.49 - -3
-2.99 - -2.5
-2.49 - -2
-1.99 - -1.5
-1.49- -1
-0.99 - -0.5
-0.5 - 0
0 - 0.5
0.5 - 1
1.01 - 1.5
1.51 - 1.72
Background Imagery: Aerometric Fall 2012
Min. Topo - t 0 DEM

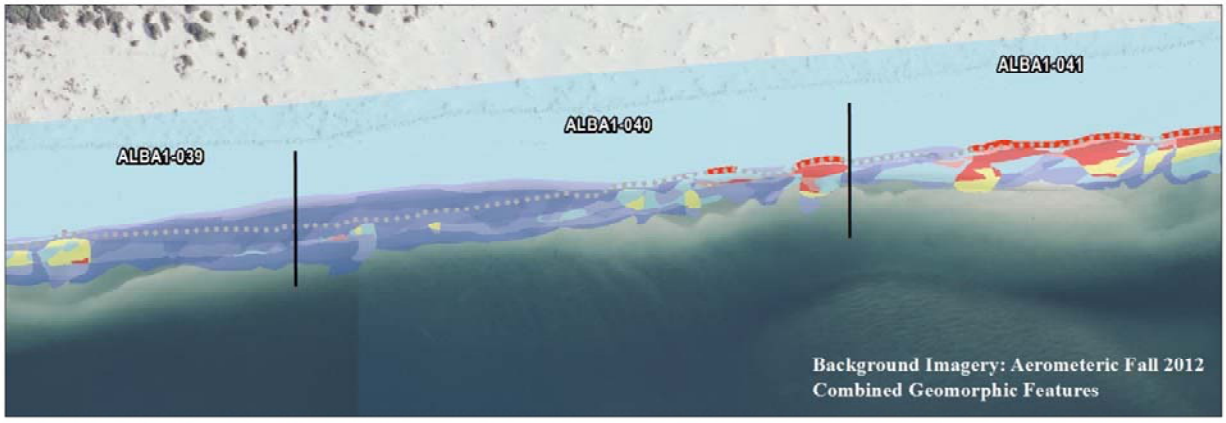
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: NOAA (06/10/2010)


ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012

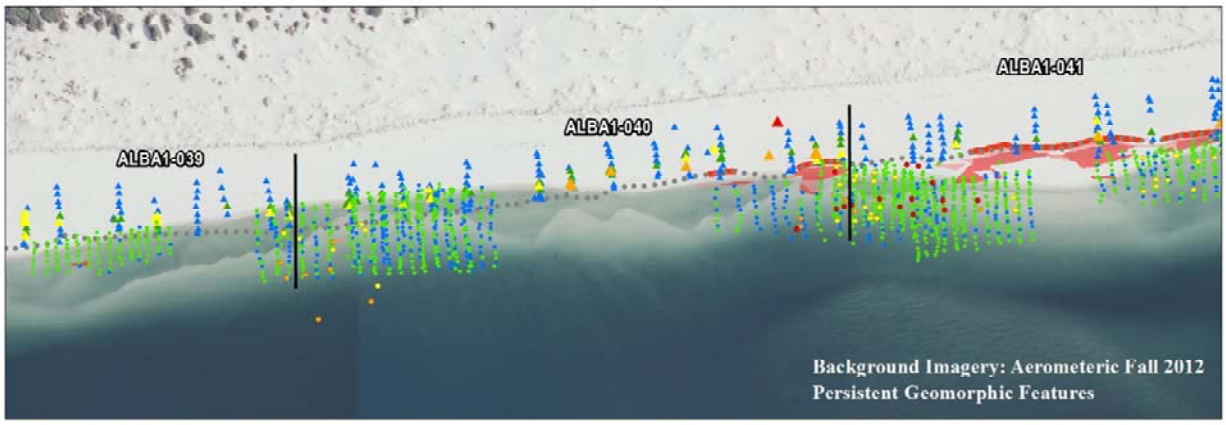
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.

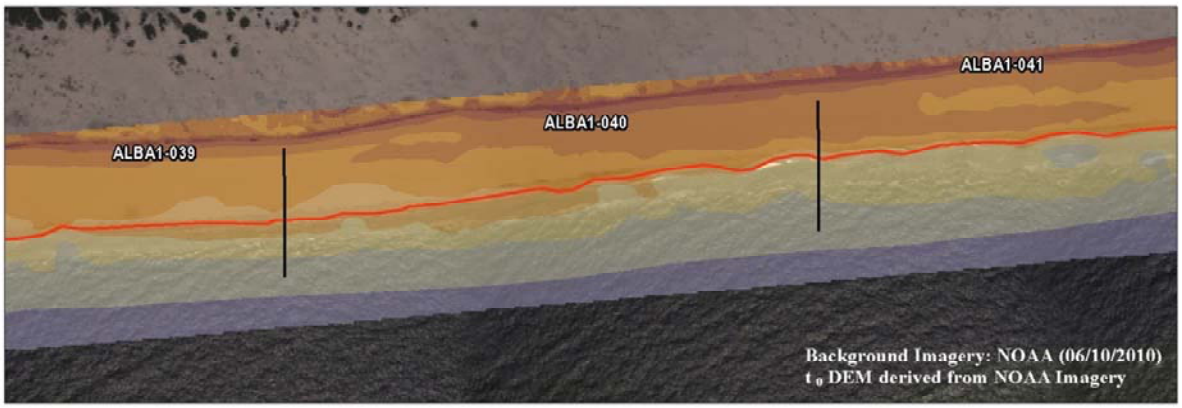

ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012

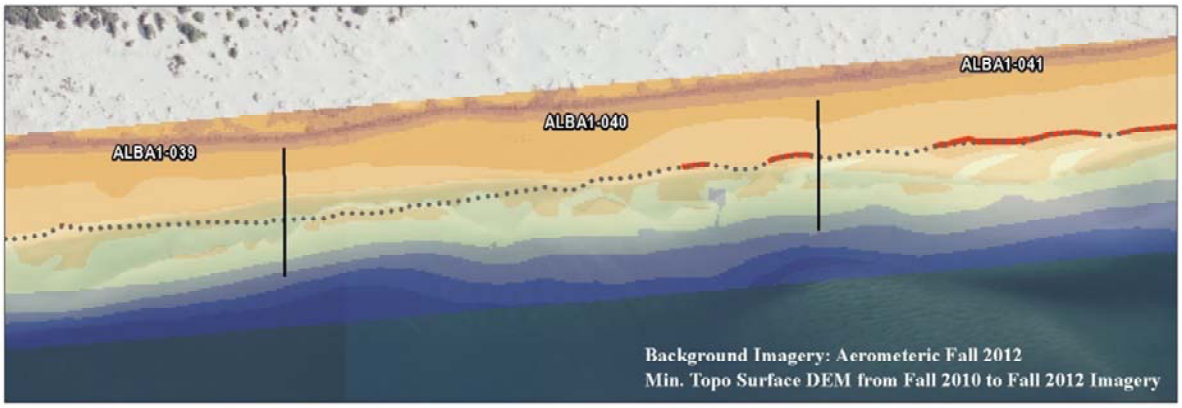

ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: NOAA (06/10/2010)
Geomorphic Features t_0

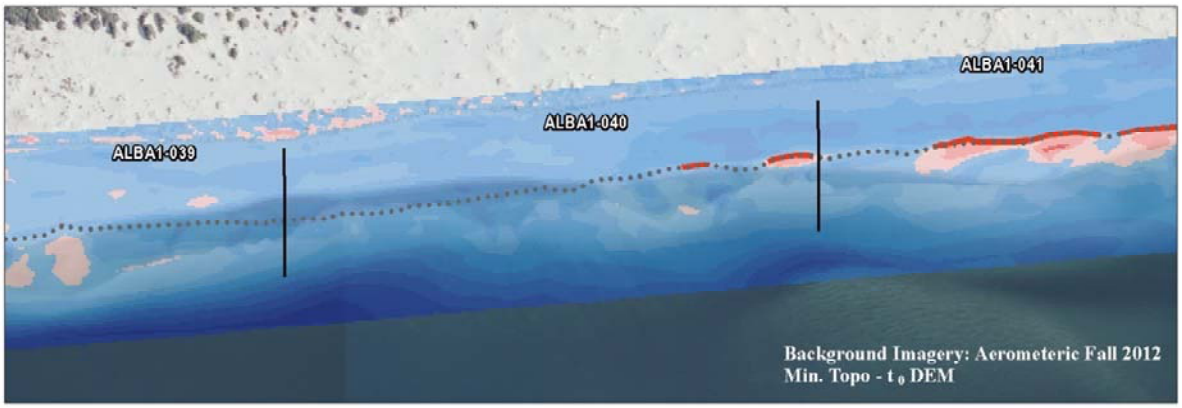

ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Combined Geomorphic Features

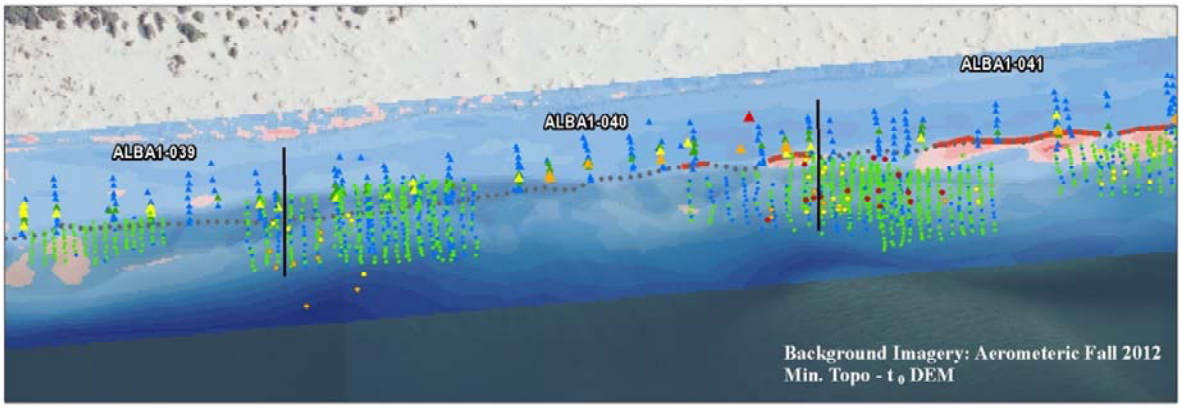
ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features


ALBA1-039
ALBA1-040
ALBA1-041
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features

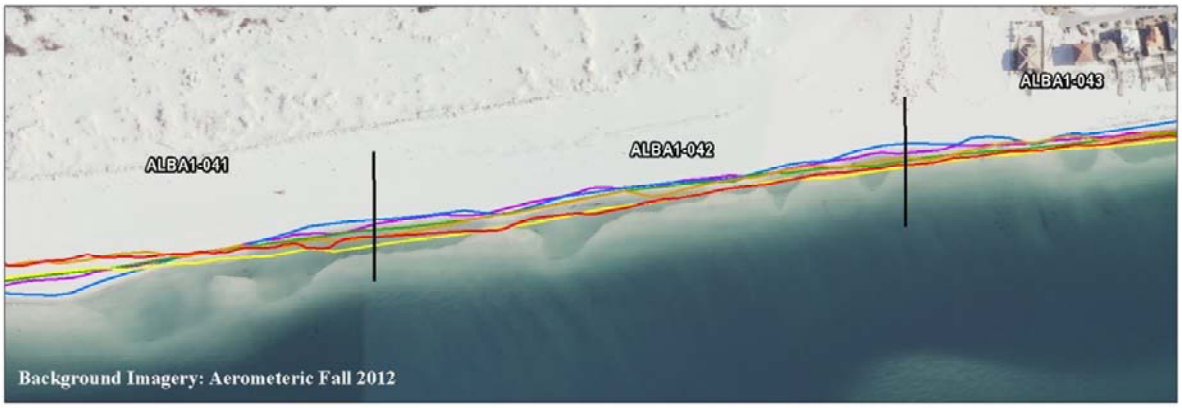

ALBA1-041
ALBA1-040
ALBA1-039
Background Imagery: NOAA (06/10/2010)
t_0 DEM derived from NOAA Imagery


ALBA1-041
ALBA1-040
ALBA1-039
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery

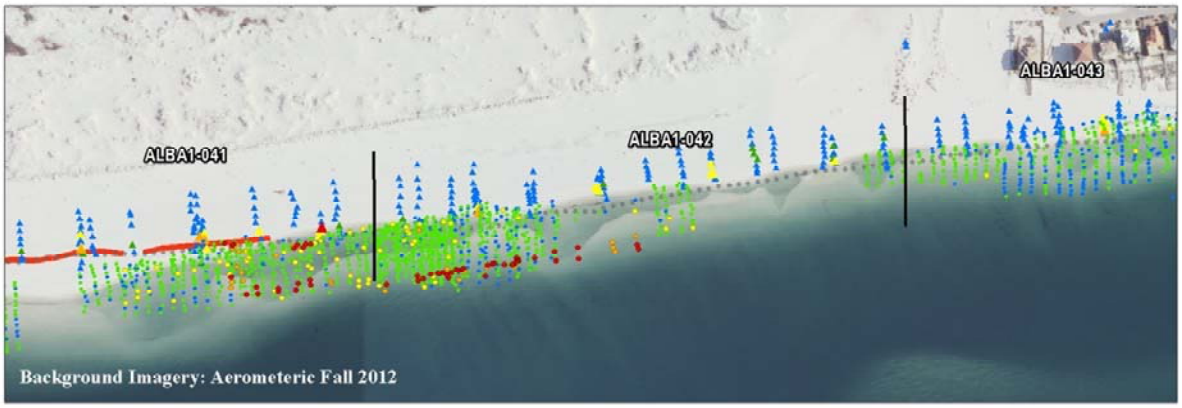

ALBA1-041
ALBA1-040
ALBA1-039
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM

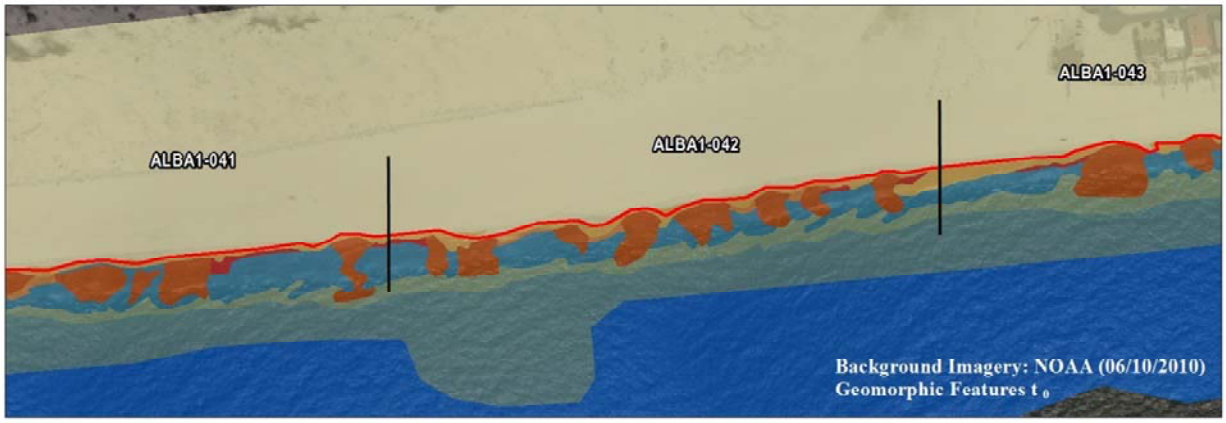

ALBA1-041
ALBA1-040
ALBA1-039
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM

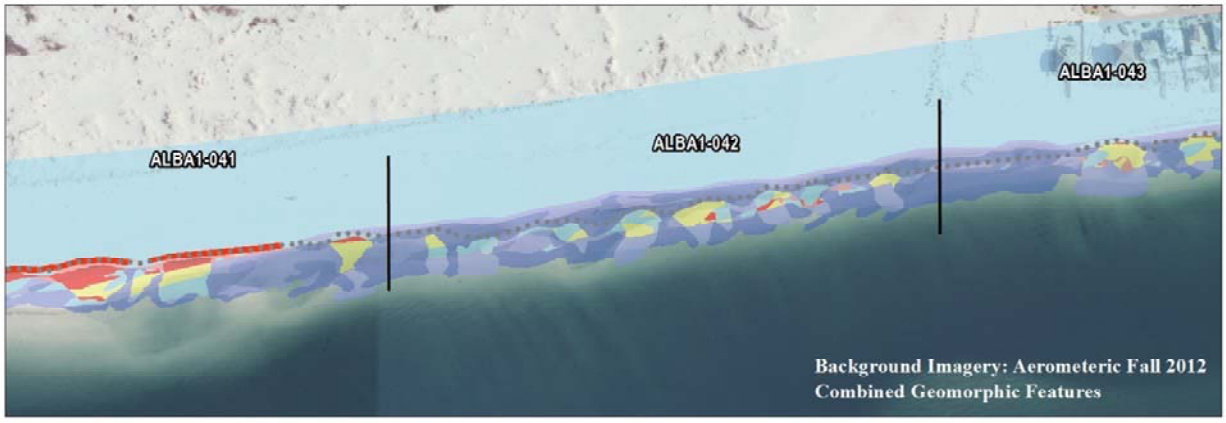
ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: NOAA (06/10/2010)


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012

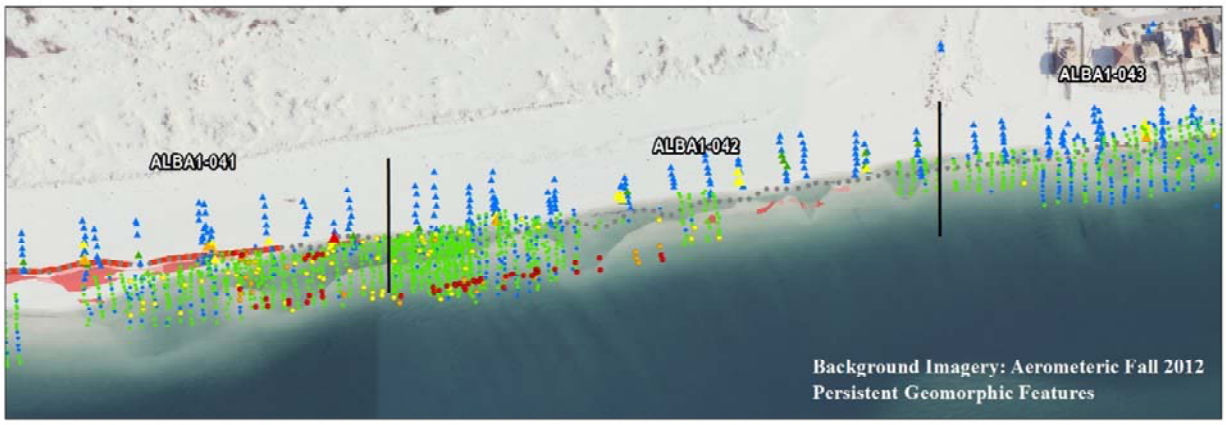
ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.

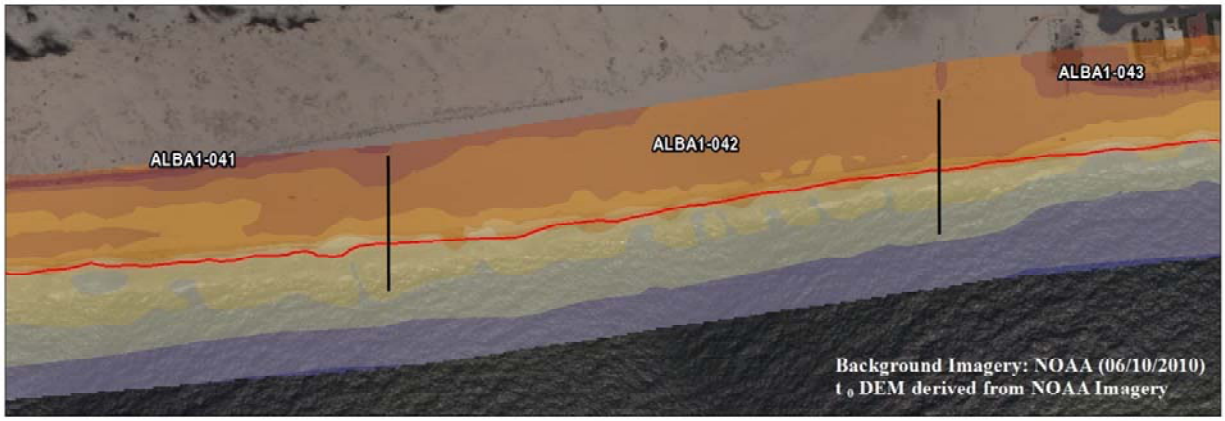

ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012

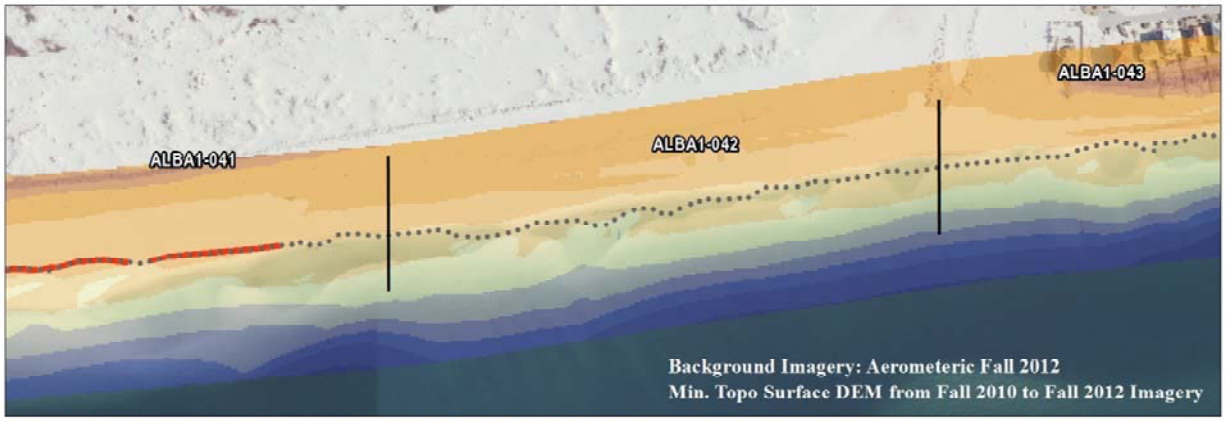

ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: NOAA (06/10/2010)
Geomorphic Features t_0

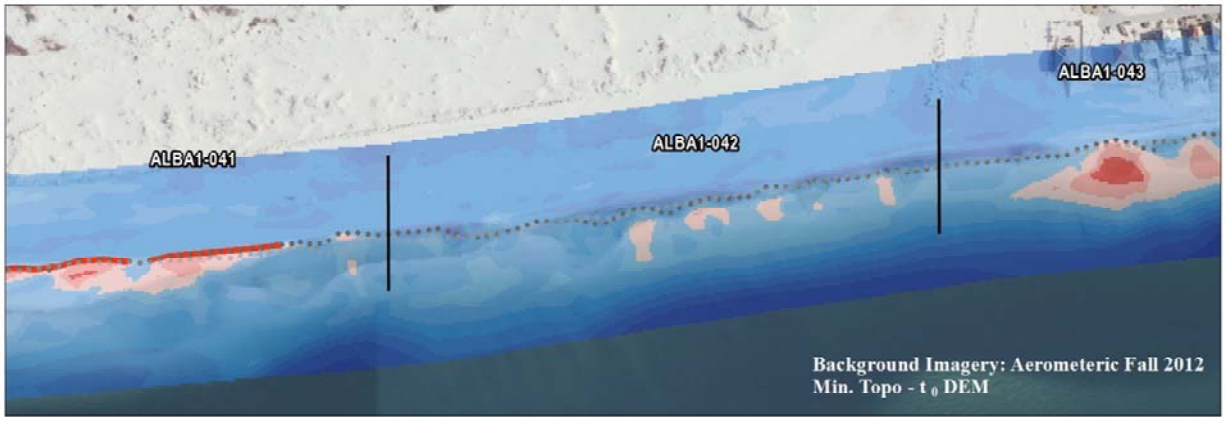

ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Combined Geomorphic Features

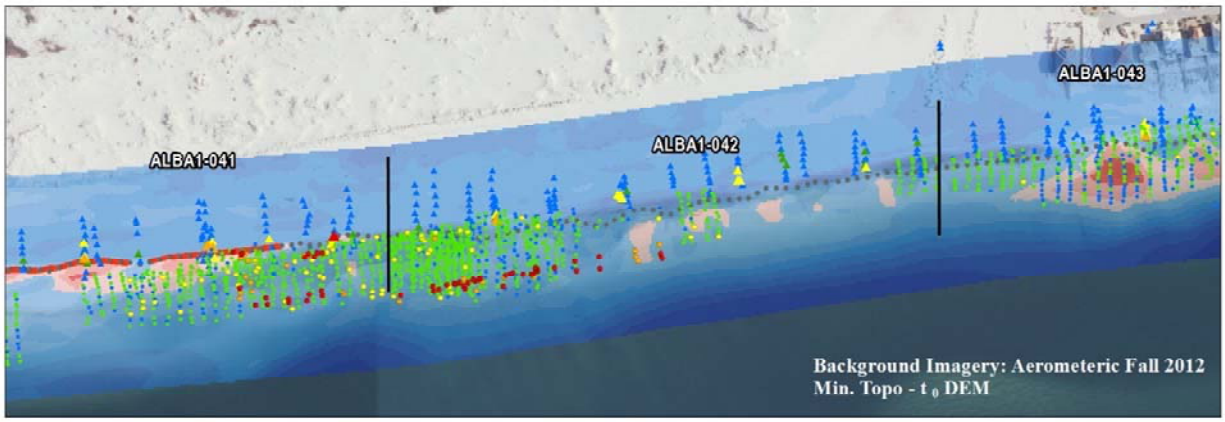
ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Persistent Geomorphic Features


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: NOAA (06/10/2010)
t 0 DEM derived from NOAA Imagery


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery

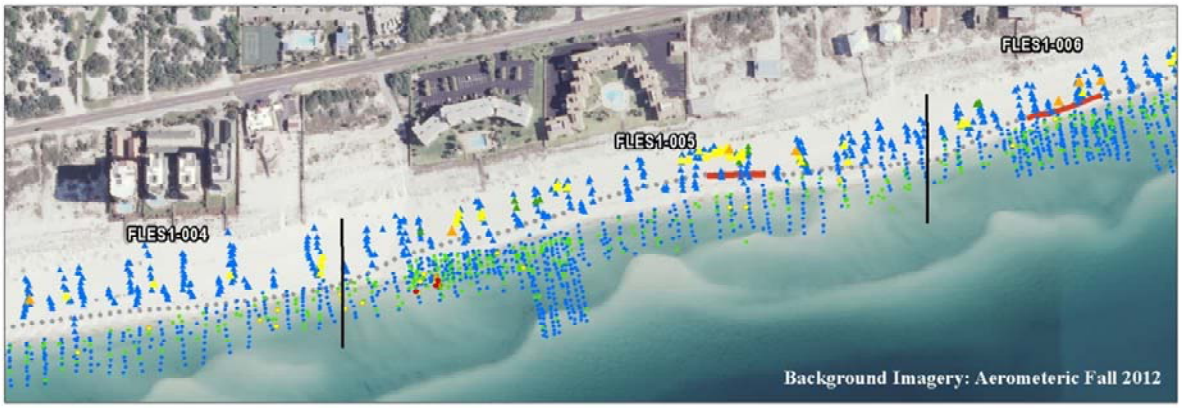

ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Min. Topo - t 0 DEM


ALBA1-041
ALBA1-042
ALBA1-043
Background Imagery: Aerometeric Fall 2012
Min. Topo - t 0 DEM

FLES1-006
FLES1-005
FLES1-004
Background Imagery: NOAA (06/10/2010)

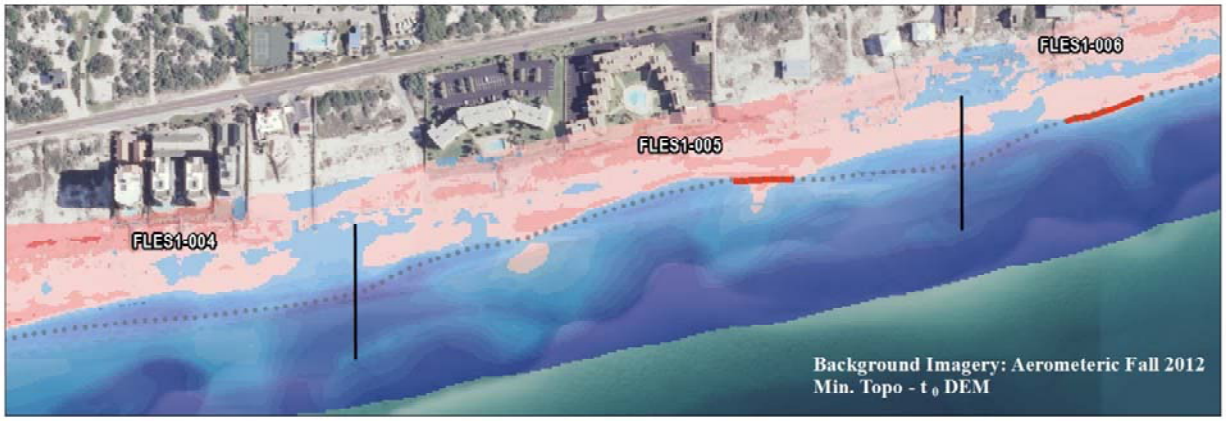
FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012

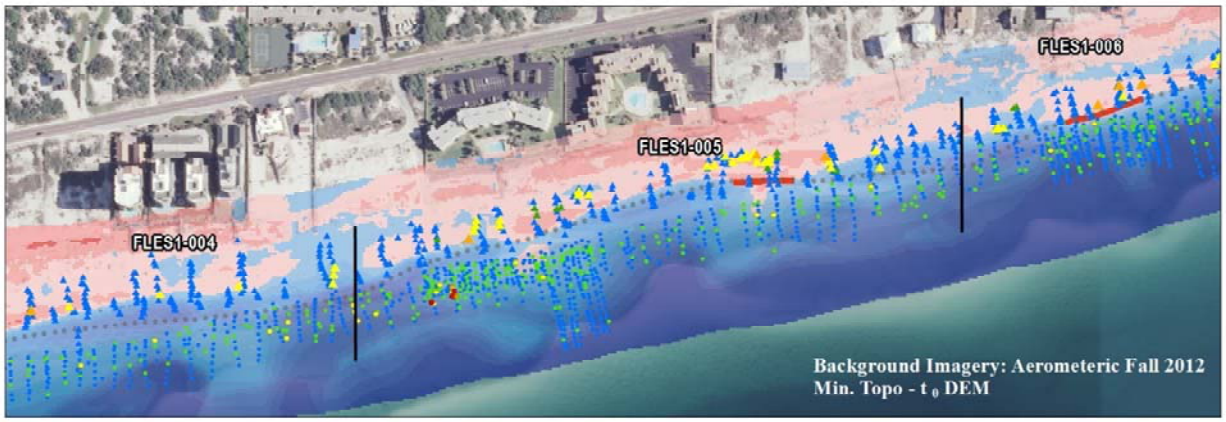
FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.


FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012

FLES1-006
FLES1-005
FLES1-004
Background Imagery: NOAA (06/10/2010)
t_0 DEM derived from NOAA Imagery

FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery


FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM

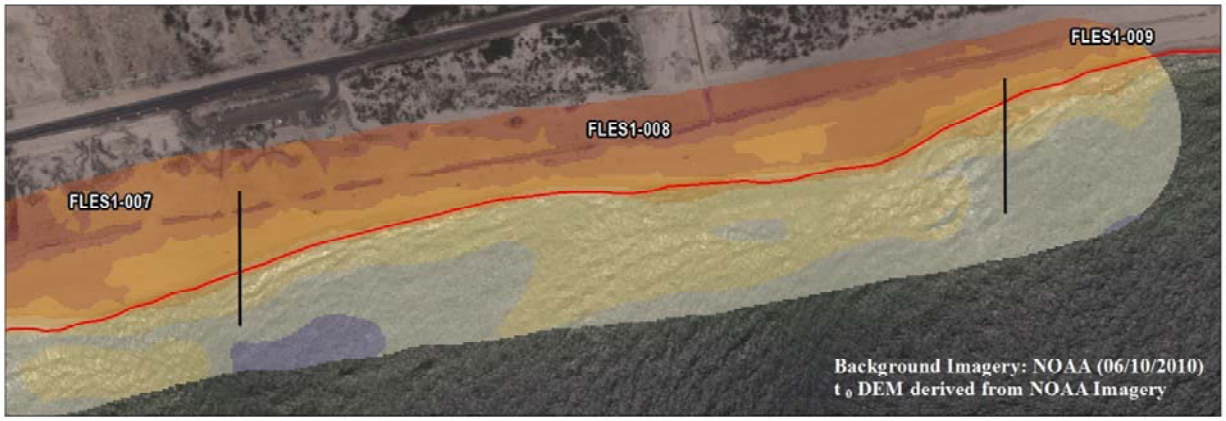

FLES1-006
FLES1-005
FLES1-004
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM

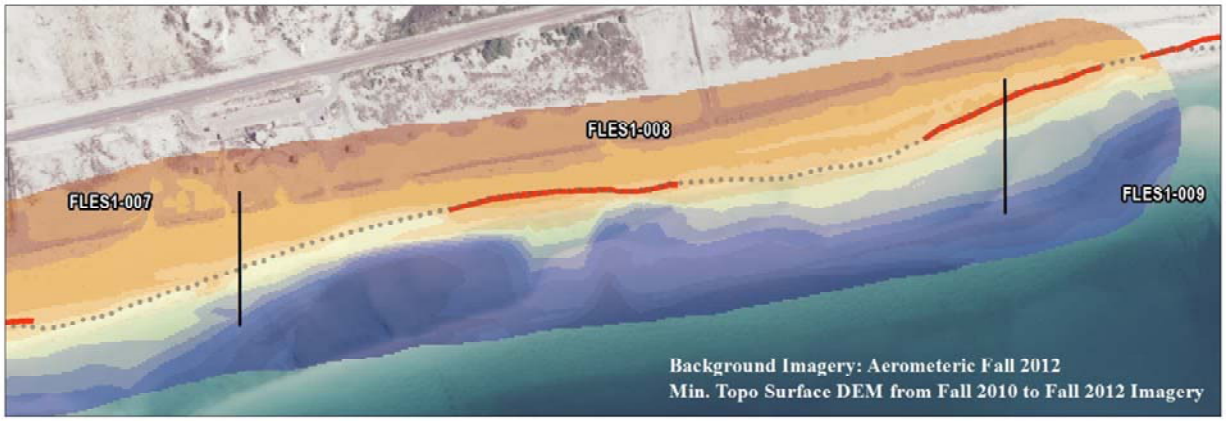
FLES1-009
FLES1-008
FLES1-007
Background Imagery: NOAA (06/10/2010)

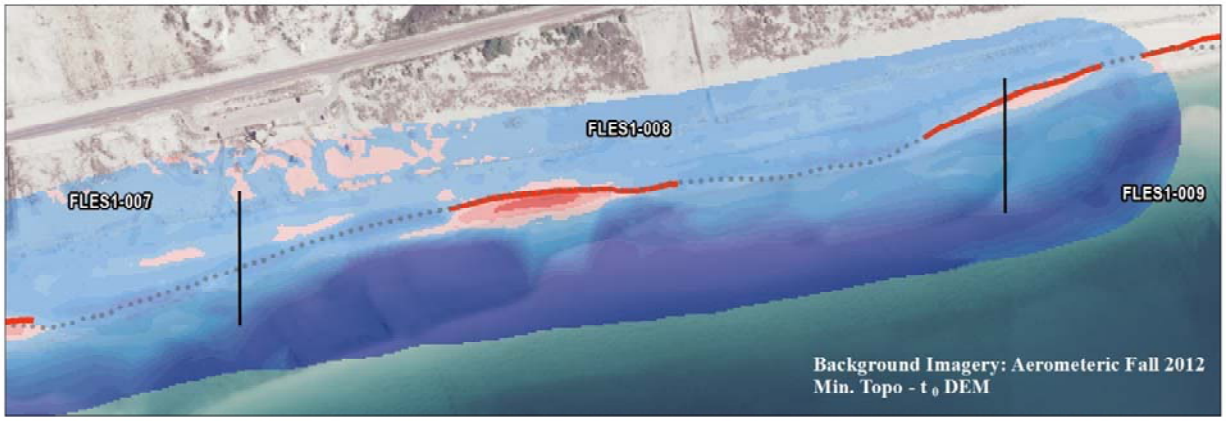
FLES1-009
FLES1-008
FLES1-007
Background Imagery: NOAA (06/10/2010)

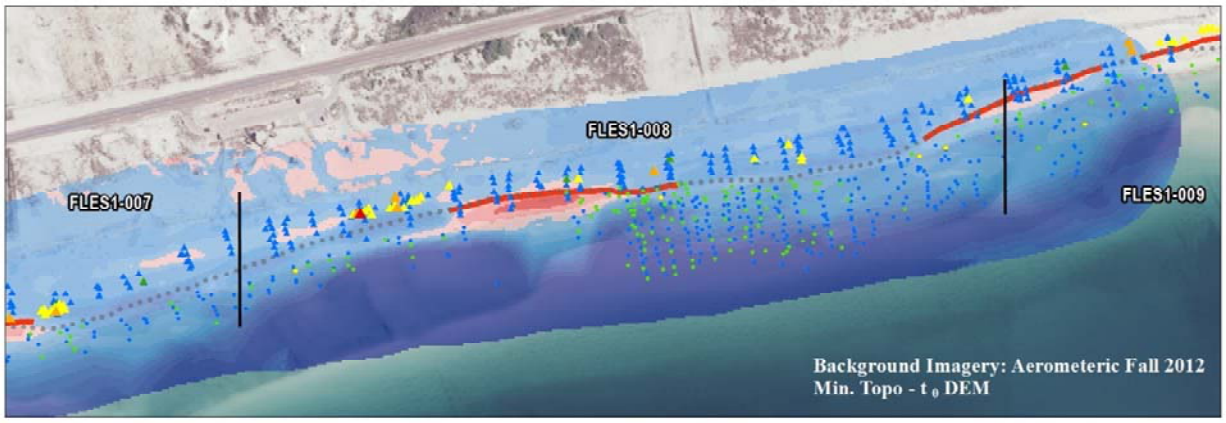
FLES1-008
FLES1-007
FLES1-009
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.

FLES1-008
FLES1-007
FLES1-009
Background Imagery: Aerometeric Fall 2012


FLES1-009
FLES1-008
FLES1-007
Background Imagery: NOAA (06/10/2010)
t 0 DEM derived from NOAA Imagery


FLES1-008
FLES1-007
FLES1-009
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery


FLES1-008
FLES1-007
FLES1-009
Background Imagery: Aerometeric Fall 2012
Min. Topo - t 0 DEM

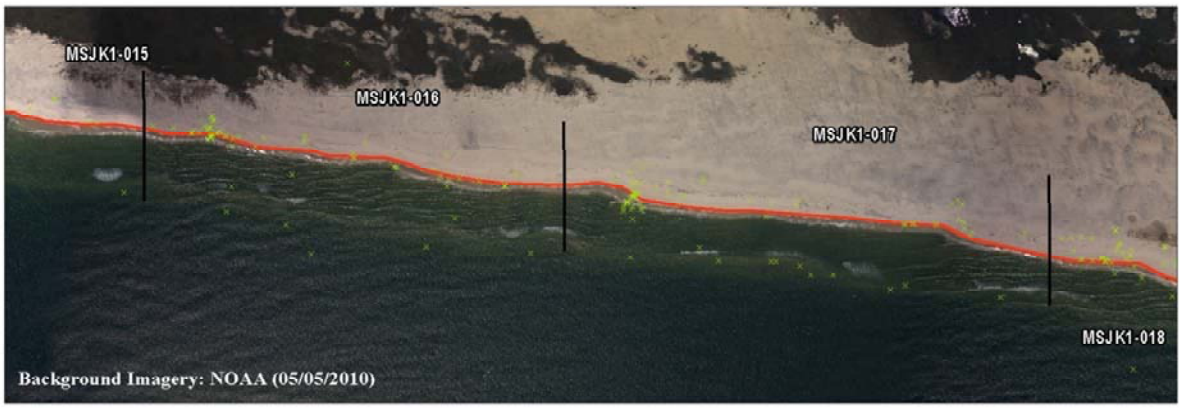

FLES1-008
FLES1-007
FLES1-009
Background Imagery: Aerometeric Fall 2012
Min. Topo - t 0 DEM

FLES2-018
FLES2-017
Background Imagery: NOAA (06/10/2010)

FLES2-018
FLES2-017
Background Imagery: Aerometeric Fall 2012

FLES2-018
FLES2-017
Background Imagery: Aerometeric Fall 2012

FLES2-018
FLES2-017
Background Imagery: Aerometeric Fall 2012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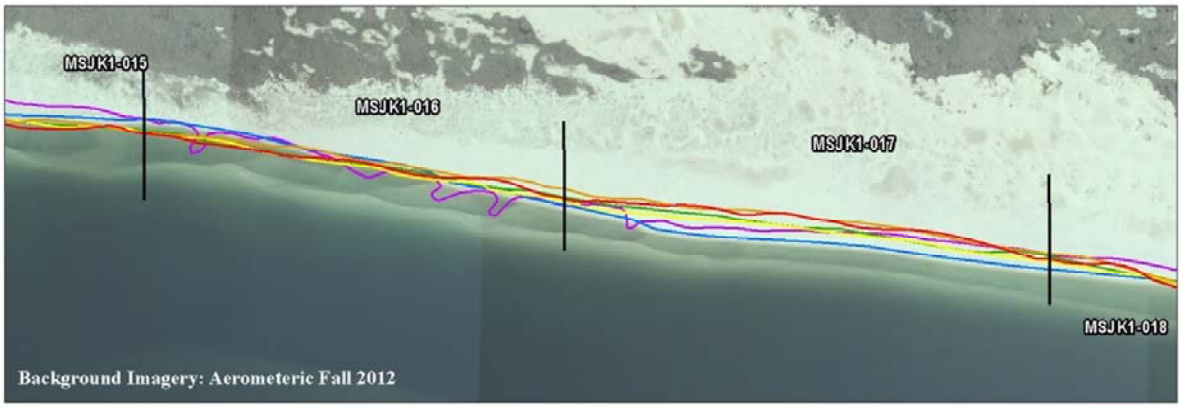
MSJK1-018
Background Imagery: NOAA (05/05/2010)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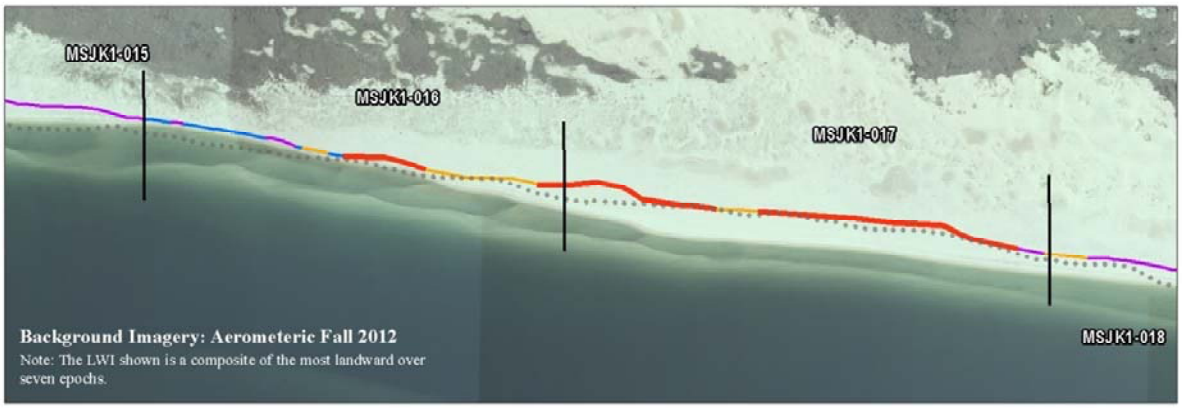
Background Imagery: Aerometeric Fall 2012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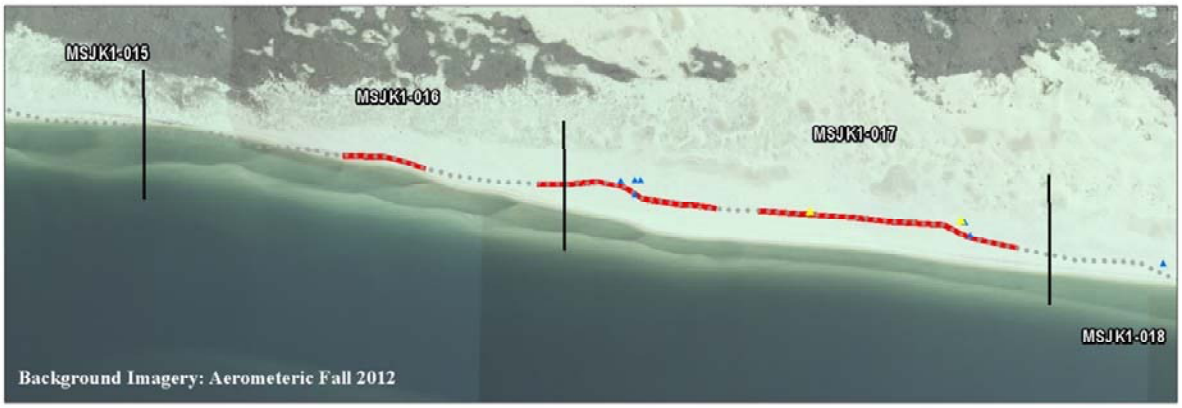
MSJK1-017
MSJK1-018
Background Imagery: Aerometeric Fall 2012
Note: The LWI shown is a composite of the most landward over seven epochs.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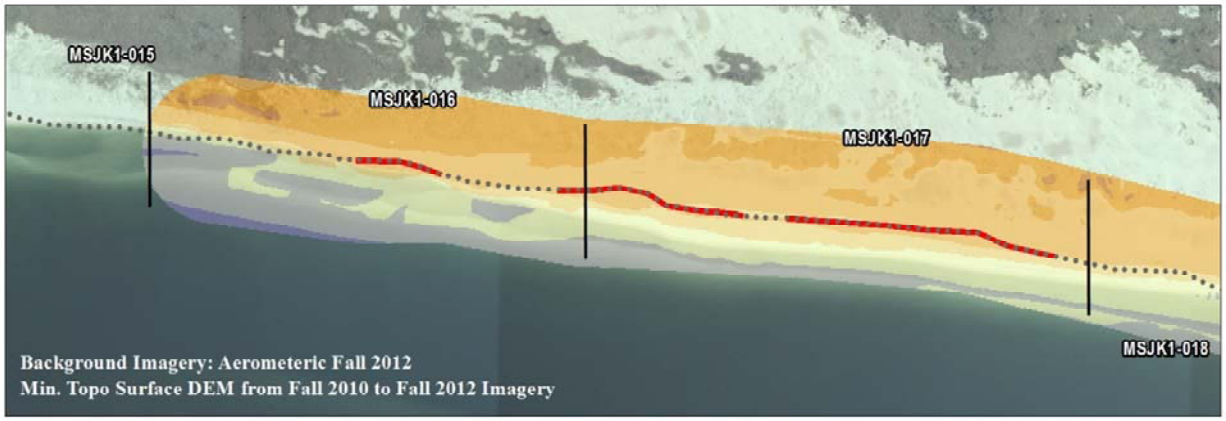
MSJK1-018
Background Imagery: Aerometeric Fall 2012

MSJK1-015
MSJK1-016
MSJK1-017
MSJK1-018
Background Imagery: NOAA (05/05/2010)
t_0 DEM derived from NOAA Imagery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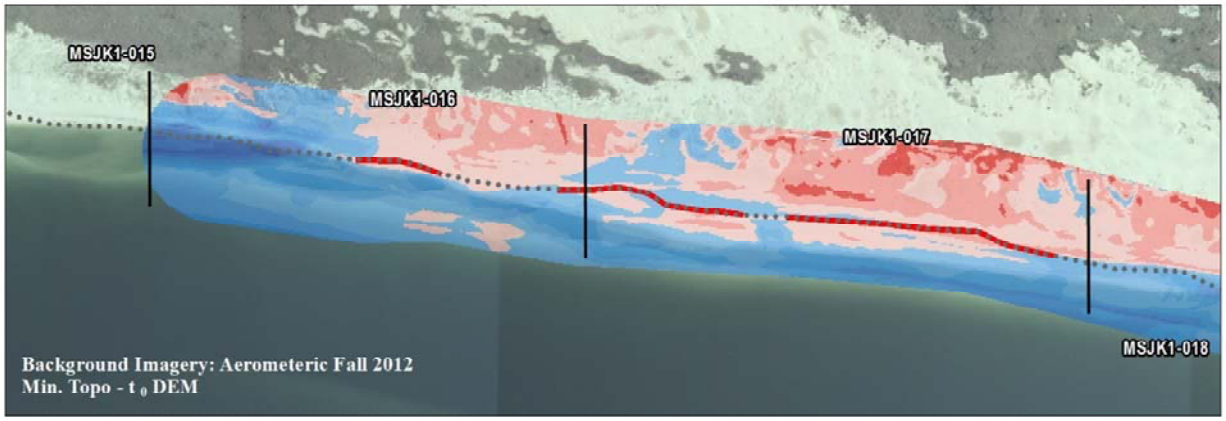
MSJK1-018
Background Imagery: Aerometeric Fall 2012
Min. Topo Surface DEM from Fall 2010 to Fall 2012 Imagery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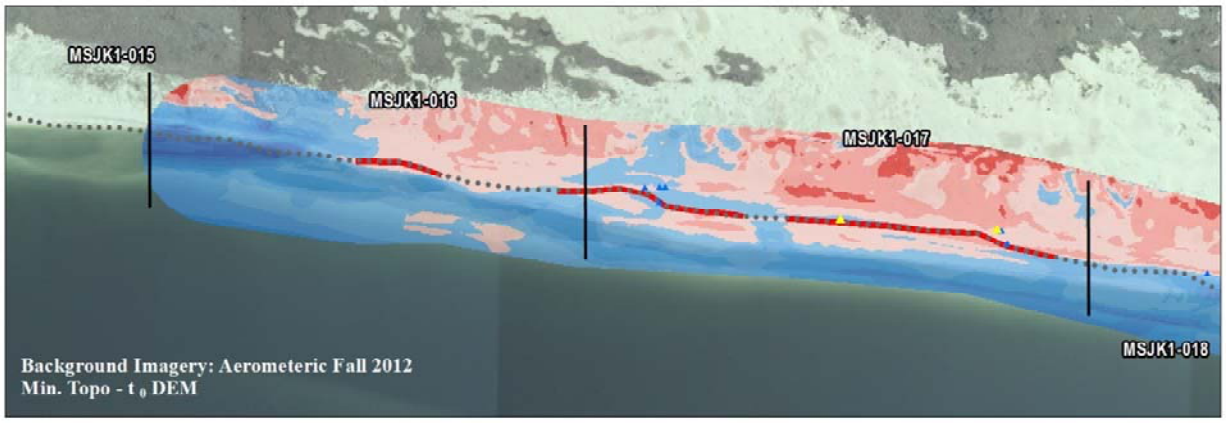
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM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MSJK1-016
MSJK1-017
MSJK1-018
Background Imagery: Aerometeric Fall 2012
Min. Topo - t_0 DEM