

## MEMORANDUM

DATE: March 4, 2026

TO: Douglas Kerr, Administrator  
City of Isle of Palms

FROM: Steven Traynum, MS CEC, Project Manager

RE: Interim Monitoring Report From August 2025 to February 2026

This interim report is provided to the City of Isle of Palms as part of semi-annual beach monitoring efforts. It focuses on changes in beach condition between August 2025 and February 2026 and briefly discusses volume changes relative to the 2018 post-project condition. This interim report is intended to provide a short-term beach condition update, and a full report will be completed following the planned survey in summer 2026. The February 2026 survey reoccupied the same beach profile locations as prior surveys and included data collection over the deltas of Dewees and Breach Inlets.

Figure 1 shows the survey baseline and boundaries for reaches defined in earlier reports. Note that the monitoring reaches differ from the reaches identified in construction documents for the upcoming beach nourishment project. CSE recently subdivided Reaches 5 and 6 to provide more localized information on beach condition along the dynamic northeastern end of the island.



**Figure 1.** Isle of Palm Survey Baseline and Reaches



The two main factors controlling beach volume change from August 2025 to February 2026 were: (1) the addition of sand from USACE beneficial use projects, and (2) onshore migration and spreading of shoal sand along the Wild Dunes area. Both events have led to net volume gains along the beach, despite the presence of erosional areas. Overall, the island gained 187,624 cubic yards (cy) of sand between August 2025 and February 2026.

Volume gains were highest along the south end, largely due to the USACE projects. Reaches 1 and 2 (area south of the pier), gained 164,800 cy over the past six months, which is in addition to a gain of 127,500 cy from February to August 2025. While the majority of accretion was along the USACE placement areas, natural accretion from upcoast was also present, as a sand wave migrating through and south of the pier was observed. Overall, the beach condition south of the pier is significantly healthier in February 2026 than in recent years, and currently holds a similar volume as the August 2022 condition.

It is easily apparent that a large portion of the material that has been placed by the USACE was not retained in the active beach profile along IOP. The combined projects were estimated to add over 700,000 cy of material to the beach, and CSE is only able to account for less than 300,000 cy as of early February 2026. The remainder of the material either dispersed immediately through suspended sediment transport, or shifted into Breach Inlet along the lower beachface prior to moving higher in the profile and building a wider beach. The losses represent the fraction of the dredged material that was too fine for beach nourishment purposes. The remaining fraction would likely consist of coarser grains that are suitable for the beach and have become part of the new profile along the south end. Generally speaking, there is at least a 100 ft dry-sand beach spanning 2nd Ave to the Pier, with the exception of a small area near 7th Ave. This is a significant improvement compared to 2024, when little or no dry-sand beach existed seaward of a dune escarpment along the south end. CSE expected to see continued adjustment of the beach profile in Reaches 1 and 2 as the beach equilibrates from the USACE work that finished in late February. There are obvious bulges of sand in the low-tide area where the pump-outs were, which will feed the upper beach and adjacent areas over time.

The central portion of the island showed minor net volume change from August 2025 to February 2026; however, migrating waves of accretion and erosion are moving through the area that spans a few thousand feet, resulting in individual station volume changes varying alongshore. CSE has been able to track “packages” of sand that move alongshore (generally south) from the northeast end of the island. In fact, the sand wave currently moving through the pier appears to have originated from the 2018 nourishment project at the northeast end of the island. Overall, Reach 3 gained 21,700 cy while Reach 4 lost ~9,400 cy. Over the length of the reaches, these are relatively minor net changes, at +3.6 and -1.3 cy/ft, respectively.

Reaches 5 and 6 are the most dynamic, highly developed shoreline in South Carolina. The current shoal attachment event is actively bringing sand to the center portions of Wild Dunes, while the ends of Wild

Dunes are still in the erosional phase of the shoal-bypass cycle. Individual stations immediately adjacent to the attachment site are gaining substantial amounts of sand, up to 73 cy/ft (cubic yards per foot) in six months. Accretion is occurring along Beachwood East and Dunecrest Ln, and Mariner’s Walk to Summer Dunes Ln. At Dunecrest Ln, the dry-sand beach grew by ~150 ft over six months.

The area fronting the Grand Pavilion lost sand, as the erosional trend that affected Beachwood East is now shifting to the west. CSE expects this trend to reverse quickly as the accretional wave moves south. Near Seascape and Ocean Club, erosion has slowed over the past six months, and is now the lowest loss rate observed since 2018. CSE anticipates accretion of this area beginning in the next few months. Overall, Reaches 5 and 6 show a net loss of 15,000 cy over the past six months. Accretion along the shoal attachment site has been offset by erosion along southern Wild Dunes and along the 18th hole of the Links Course.

It is important to note that the volume measures described in the preceding paragraphs do not include additional shoal sand that is present offshore and currently moving closer to the beach. A secondary shoal has emerged behind the currently attaching shoal. This emergent sand migrated ~500 ft in six months, and is currently ~800 ft from the low-tide shoreline. This sand will continue to move onshore and supply central Wild Dunes with sand over the next 1–2 years. The two shoals are part of the sand platform that CSE estimated would add 600,000–800,000 cy of sand to the beach over several years beginning in late 2024.

Data tables and volume change figures are provided below, with significant findings described in the captions. A full reach-by-reach analysis of beach volume change will be included in the Summer 2026 beach condition assessment.

## **SUMMARY**

- Area south of the pier gained ~165,000 cy between August 2025 and February 2026, and has gained nearly 300,000 cy over the past year due to the USACE projects and natural accretion from the north. Most stations exceed the minimum healthy beach volume, though the dry sand beach width remains narrow south of 2nd Ave.
- The center of the island was fairly stable and remains in a healthy condition.
- The northeast end shows areas of rapid erosion and accretion associated with the shoal attachment. Prior hotspots (Beachwood and Ocean Club) are improving or showing reduced erosion, while erosion has increased along the Grand Pavilion Area.
- Volume deficits relative to the minimum healthy beach volume exist east of the Grand Pavilion to Beachwood, and fronting Port O Call, Seascape, and Ocean Club. The deficit in these areas totals ~180,000 cy.



**Table 1.** Beach volume change between surveys from 2018 to 2026 for Reaches 1–4. Note that moving from top to bottom in the table represents movement from south to north on the beach, and movement from left to right shows change over time. The arrows show an accretional (blue) and erosional (red) wave moving south over time from the east end of the island. The wave was a result of the downcoast spreading of the 2018 nourishment sand that is now evident south of the pier along Front Beach (stations 70–80 around 9th–10th Ave). Circled areas show the locations and impacts of USACE beneficial use projects. Note that distances between stations vary, so more data rows are present where beach profiles are spaced closer together.

	Station	Distance to Next	Apr 18 - Jun 19	Jun 19 - Jun 20	Jun 20 - Jul 21	Jul 21 - Aug 22	Aug 22 - Aug 23	Aug 23 - Sep 24	Sep 24 - Feb 25	Feb 25 - Aug 25	Aug 25 - Feb 26	Sep 09 - Feb 26	May 17 - Feb 26
Reach 1	0	400	113.0	-111.9	38.4	29.8	-102.9	15.3	-36.3	-26.8	43.8	42.8	-85.2
	4	400	-31.5	9.9	36.5	-22.0	-29.1	-27.7	29.6	-16.6	7.9	-47.3	-27.7
	8	400	3.8	-3.0	16.1	-37.9	-66.0	39.6	-12.6	-18.5	70.1	-64.5	7.5
	12	400	18.2	27.2	-10.0	-32.6	-93.8	29.8	7.8	11.6	34.3	-99.7	-16.6
	16	400	15.5	31.2	-32.5	-45.8	-56.5	8.8	51.2	20.5	13.2	-114.2	-23.8
	20	500	-1.0	34.0	-17.9	-38.5	-36.1	-15.1	-1.7	60.2	2.2	-83.9	2.3
	25	500	-1.6	29.8	-11.3	-29.2	-36.3	-19.3	-12.2	68.7	-9.8	-62.9	-5.7
	30	500	-2.3	25.6	-4.7	-20.0	-36.6	-23.5	-22.8	79.9	5.8	-22.5	5.7
	35	500	-4.5	18.2	-1.3	-18.7	-33.6	-20.9	-13.7	46.1	20.5	-19.3	4.6
40	500	-6.7	10.8	2.1	-17.4	-30.6	-18.3	-4.6	12.6	42.8	-18.8	0.9	
Reach 2	45	500	-4.3	5.2	0.3	-15.7	-25.0	-11.4	-3.6	12.9	33.8	-15.5	-2.6
	50	500	-2.0	-0.5	-1.5	-14.0	-19.4	-4.5	-2.7	3.3	61.4	14.7	20.7
	55	500	-0.6	2.1	-1.3	-6.6	-12.2	-11.4	-2.1	-16.4	8.1	-41.4	-44.6
	60	500	0.8	4.6	-1.2	0.7	-5.1	-18.4	-1.5	2.6	6.0	-7.4	-19.9
	65	500	-4.2	1.7	-2.1	4.2	-2.8	-16.8	-2.3	-0.7	15.9	0.1	-10.2
	70	500	-9.2	-1.3	-2.9	7.6	-0.5	-15.2	-3.1	2.3	10.7	-1.2	-9.3
	75	500	-7.7	-3.3	-6.5	4.1	1.4	-15.4	-3.3	-28.8	8.4	-31.5	-44.9
80	1000	-6.2	-5.3	-10.1	0.5	3.2	-15.6	-3.5	0.2	13.8	5.8	-12.7	
Reach 3	90	1000	0.2	1.3	-16.2	-3.2	-5.7	12.2	2.1	-8.8	17.1	38.6	2.0
	100	1000	2.4	10.5	1.4	-16.3	3.6	23.5	-10.8	3.0	6.6	58.1	19.8
	110	1000	-1.2	11.9	11.8	-10.7	5.7	14.6	-4.9	8.2	-5.6	59.8	24.8
	120	1000	4.2	11.6	3.1	1.8	-3.3	25.5	0.4	5.9	-21.1	70.4	30.8
	130	1000	6.3	-1.0	-7.1	20.5	-8.3	15.0	10.2	8.1	7.2	90.5	55.6
	140	1000	9.2	0.7	-8.7	27.1	-12.6	7.4	11.7	11.7	17.3	97.0	65.2
Reach 4	150	1000	9.4	0.5	1.4	11.6	4.3	10.7	6.1	4.3	17.5	119.0	69.9
	160	1000	-23.2	-0.9	2.6	2.3	18.4	28.7	9.9	-12.5	37.0	157.5	94.9
	170	1000	-25.2	-3.7	-2.6	19.3	0.2	22.9	-5.9	4.7	5.7	117.3	41.4
	180	1000	5.8	-5.5	12.8	30.7	-8.2	27.1	-17.3	21.5	-23.4	126.0	31.8
	190	1000	-3.0	26.1	22.8	17.1	9.6	-12.9	-8.8	10.4	-17.5	98.7	39.6
	200	200	5.0	42.3	42.2	14.5	20.5	-4.6	-25.1	-3.2	16.0	114.6	78.0
	202	200	5.9	51.2	38.1	19.9	10.7	-14.4	-20.8	-14.0	-4.4	104.4	72.9
	204	200	9.3	63.5	37.6	12.6	10.0	-40.7	9.8	-22.6	1.3	99.1	86.7
	206	200	17.0	77.3	35.2	5.0	-0.6	5.1	-48.7	-18.2	2.0	90.7	74.7
	208	200	35.5	84.1	24.8	-0.1	0.7	-6.3	-42.2	-15.0	7.8	109.6	83.6
	210	200	42.0	73.7	26.0	3.9	-1.4	-10.7	-44.7	-8.6	5.9	112.5	87.9
	212	200	57.2	63.6	30.6	4.0	-21.1	-15.0	-6.5	-9.9	-2.1	118.3	95.3
	214	200	66.4	52.3	27.3	0.2	-18.4	-3.7	-4.6	-20.4	-4.2	106.7	100.1
	216	200	56.2	47.5	16.3	-1.4	-9.2	-3.2	-9.3	-13.4	-12.2	92.8	79.2
218	200	45.6	41.2	12.1	0.9	-11.4	-6.9	-11.3	-13.7	-17.3	64.8	41.2	
220	200	44.0	21.9	18.7	6.2	-19.5	-17.0	-11.8	-12.5	-19.2	34.6	15.5	

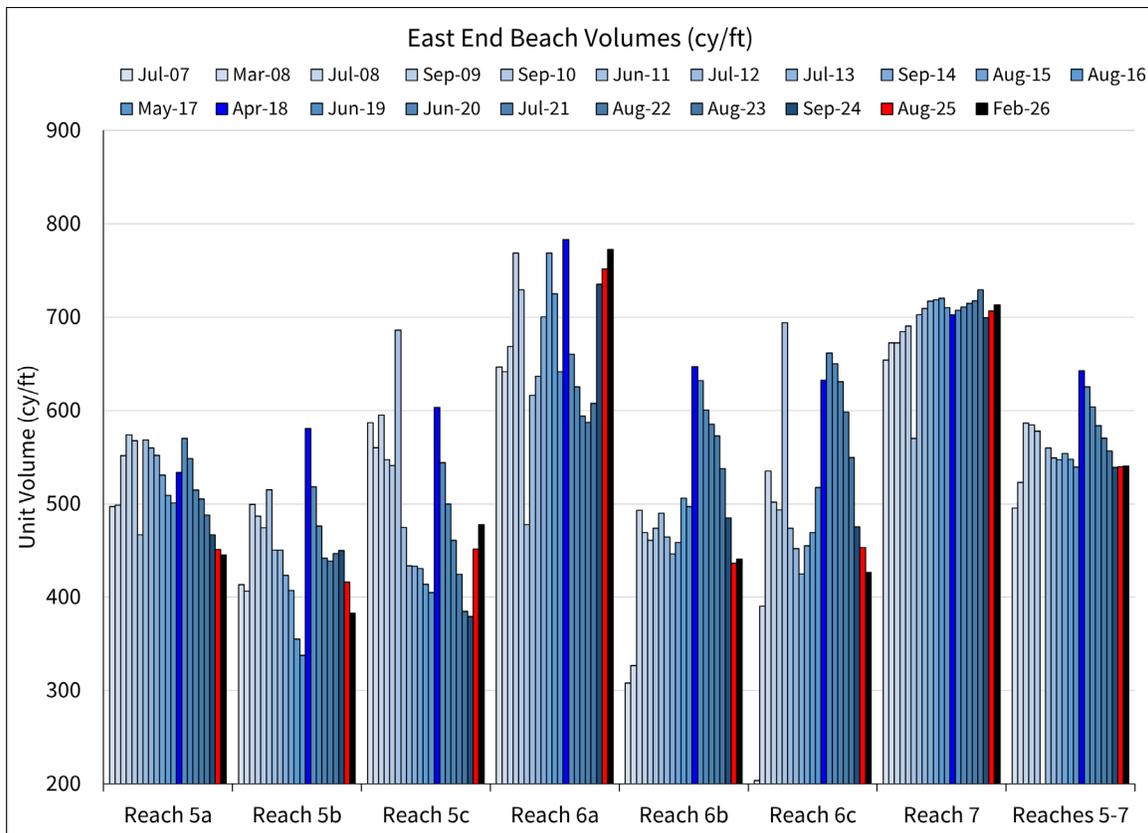
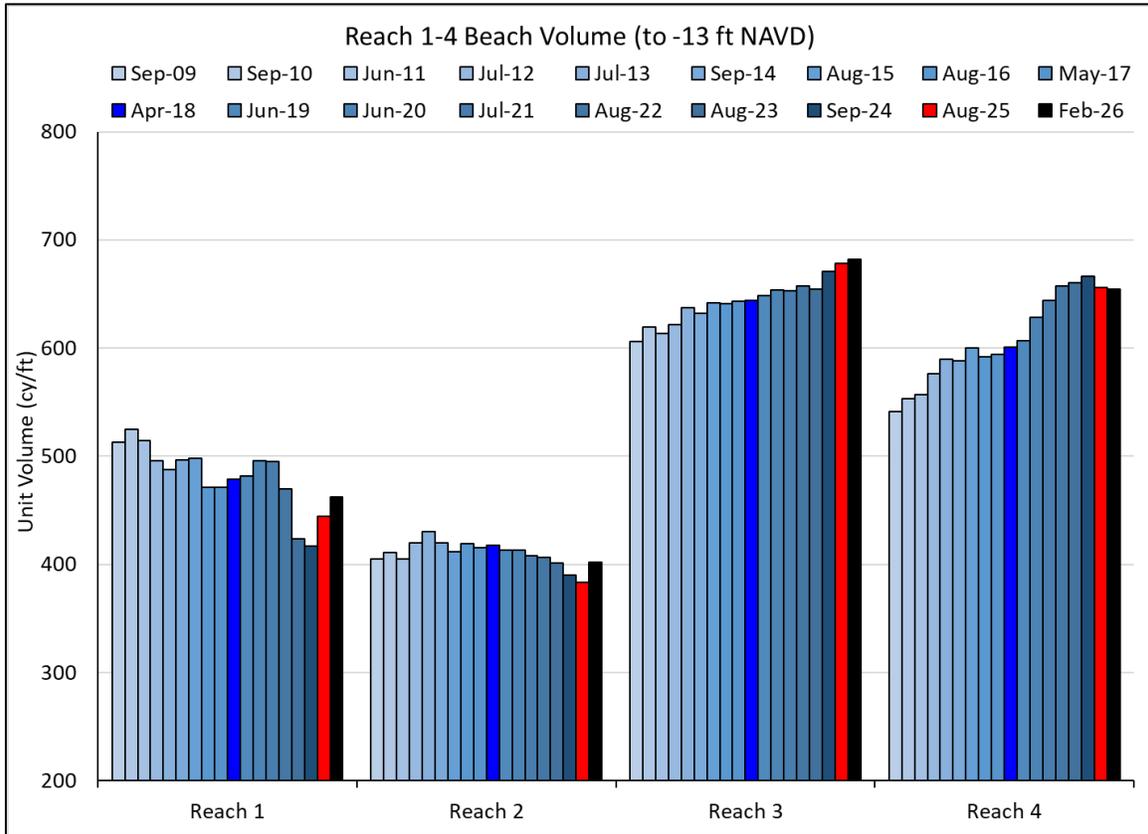
**Table 2.** Beach volume change between surveys from 2018 to 2026 for Reaches 5–6. Note that moving from top to bottom in the table represents movement from south to north on the beach, and movement from left to right shows change over time. The arrows show an accretional (blue) and erosional (red) wave moving south over time from the shoal attachment area. The recent shoal-induced accretion is shown in the blue circle, with sand spreading north and south indicated by the arrows from the circle. The time period begins just after the 2018 nourishment, which also coincided with the completion of a shoal attachment. This created a surplus of sand in central Wild Dunes that spread laterally for several years after 2018.

	Station	Distance to Next	Apr 18 - Jun 19	Jun 19 - Jun 20	Jun 20 - Jul 21	Jul 21 - Aug 22	Aug 22 - Aug 23	Aug 23 - Sep 24	Sep 24 - Feb 25	Feb 25 - Aug 25	Aug 25 - Feb 26	Sep 09 - Feb 26	May 17 - Feb 26
Reach 5a	222	200	33.2	11.0	-8.4	23.2	-24.1	-12.5	-16.4	-10.6	-17.8	5.5	-15.2
	224	200	46.3	1.0	-27.2	15.0	-24.8	-30.3	-16.0	-7.9	-11.5	-46.6	-53.0
	226	200	40.1	-1.6	-47.7	20.7	-20.6	-24.8	41.3	-0.5	-13.3	-117.7	-91.2
	228	200	42.9	-17.2	-63.0	22.6	-12.3	-25.2	-55.8	3.5	-11.2	-175.9	-114.8
	230	200	41.4	-17.6	-69.4	2.3	-8.0	-29.1	-26.2	8.3	-7.1	-198.7	-114.5
	232	200	42.3	-44.4	-43.7	-8.8	-9.0	-26.2	11.7	-1.8	-19.8	-170.2	-87.5
	234	200	44.7	-31.0	-33.4	-11.8	-16.2	-12.7	-34.5	-10.4	3.7	-179.4	-73.4
	236	200	43.1	-39.0	-3.2	-41.0	-6.2	-45.5	3.3	-0.5	2.9	-153.0	-43.5
	238	200	30.8	-34.1	-22.1	-32.5	-26.3	-11.2	0.7	4.4	3.1	-125.8	-15.3
	240	200	16.8	-29.1	-15.8	-15.7	-29.4	3.8	17.5	1.8	5.5	-83.9	24.8
Reach 5b	242	200	-2.6	-16.9	-14.1	-51.0	-18.2	15.3	6.0	-5.4	-11.0	-78.7	35.7
	244	200	-18.9	-31.4	-19.5	-47.6	0.5	32.7	-13.7	-8.7	-19.9	-77.3	53.4
	246	200	-41.8	-35.9	-50.2	-16.4	10.2	55.0	-34.1	-10.4	-29.4	-72.5	57.6
	248	200	-53.7	-53.4	-39.7	-14.2	23.5	75.8	-36.2	-38.6	-40.4	-76.2	69.1
	250	200	-72.3	-41.0	-41.5	-12.9	41.1	-0.8	-6.5	-19.8	-37.7	-78.1	77.4
	252	200	-88.9	-45.7	-43.3	23.0	22.7	-28.2	30.7	-4.1	-60.8	-132.9	30.2
254	200	-101.0	-52.9	-48.9	58.9	-11.1	-74.2	-33.0	18.0	-37.1	-158.0	13.3	
Reach 5c	256	200	-119.8	-49.0	17.3	21.7	-35.2	-91.7	-29.7	-9.1	-3.9	-183.9	-1.1
	258	200	-112.7	-13.7	-14.1	12.6	-75.9	-74.8	-31.9	-1.4	5.5	-199.6	-12.6
	260	200	-104.4	15.4	-49.7	-15.4	-83.7	-64.3	-50.6	11.5	41.9	-206.2	-15.7
	262	200	-58.5	-32.9	-30.3	-54.4	-58.2	-120.9	-3.1	77.6	67.8	-129.8	60.3
	264	200	-64.0	-32.9	-26.7	-68.1	-66.3	-92.2	75.3	53.8	73.3	-79.0	119.8
	266	200	-81.2	-41.6	-41.5	-68.8	-46.8	-39.4	51.7	83.7	52.8	-48.0	145.4
	268	200	-44.8	-50.3	-51.4	-47.2	-51.4	-42.7	67.0	104.0	45.1	-21.1	117.7
	270	200	-32.7	-56.2	-44.1	-54.9	-47.0	14.1	59.5	95.6	20.1	-1.0	86.4
	272	200	-27.5	-66.2	-63.4	-33.3	-30.2	77.1	19.5	66.8	13.6	-8.7	102.6
	274	200	-13.1	-66.6	-56.1	-30.0	24.8	44.5	4.2	76.2	3.2	-20.7	57.4
276	200	-27.1	-66.2	-49.2	-17.3	0.0	107.7	1.0	36.9	-20.6	-19.1	65.2	
278	200	-33.3	-74.1	-30.9	-63.5	20.0	103.1	3.0	47.6	-9.6	-3.0	55.0	
Reach 6a	280	200	-110.6	-42.3	-34.3	-20.8	13.9	140.2	84.8	-23.6	51.4	-7.6	191.7
	282	200	-135.0	-24.8	-26.0	-34.1	1.4	159.9	184.3	-119.1	36.1	-51.4	181.5
	284	200	-142.9	-19.4	-39.9	-15.1	21.3	198.4	85.1	-80.3	24.0	-44.4	173.7
	286	200	-141.5	-37.7	-15.8	-3.9	19.9	202.8	-7.3	-25.5	32.9	10.9	146.5
	288	200	-119.5	-49.8	-32.9	6.1	30.2	101.7	-12.3	16.5	4.4	41.8	104.9
	290	200	-102.8	-40.7	-37.7	15.8	29.0	27.8	-6.9	41.4	-4.7	53.3	72.3
Reach 6b	292	200	-82.1	-32.1	-34.7	2.8	26.7	9.0	-37.3	19.1	13.2	34.6	22.6
	294	200	-48.3	-31.1	-28.5	7.1	6.1	-23.6	-25.4	-25.7	25.5	7.3	-34.7
	296	200	-21.6	-36.3	-26.5	13.4	-16.3	-34.8	-26.6	-32.5	18.4	-5.4	-45.7
	298	200	-5.5	-42.1	-18.2	11.1	-31.2	-54.2	-24.8	-25.7	11.8	-16.4	-56.6
	300	200	-1.9	-41.5	-9.1	-1.9	-42.7	-60.1	-25.0	-19.9	7.4	-27.6	-63.0
	302	200	3.8	-32.9	-12.9	-12.0	-51.7	-66.4	-23.2	-22.0	2.7	-34.1	-70.6
	304	200	1.3	-29.2	-8.4	-31.4	-51.7	-66.1	-27.8	-19.9	-3.6	-47.3	-70.0
	306	200	-5.6	-24.6	-6.9	-42.1	-53.2	-62.6	-29.7	-19.9	-12.2	-48.0	-70.8
308	200	-12.5	-19.6	-3.3	-36.4	-61.0	-71.1	-32.8	-21.9	-11.1	-70.1	-70.9	
Reach 6c	310	200	-7.7	-17.3	-12.6	-42.2	-56.6	-80.1	-30.4	-25.4	-6.3	-58.1	-69.8
	312	200	-15.1	-15.3	-18.4	-40.0	-56.4	-85.1	-33.5	-17.1	-9.9	-78.6	-76.4
	314	200	-19.6	-17.7	-16.1	-50.2	-48.6	-82.1	-27.6	-7.2	-7.2	-59.0	-74.1
	316	200	-5.8	-5.7	-25.1	-37.3	-64.0	-69.5	-41.5	-7.2	-19.8	-90.6	-96.4
	318	200	19.1	-12.1	-31.1	-40.7	-51.1	-73.1	-36.5	-1.8	-17.9	-84.2	-108.8
	320	200	24.3	-9.3	-21.1	-38.9	-59.1	-67.7	-37.1	4.5	-24.6	-90.5	-118.3
	322	200	54.0	-16.1	-29.0	-35.5	-52.5	-59.3	-30.1	15.5	-38.6	-83.4	-112.5
	324	200	61.9	-10.9	-29.5	-25.3	-54.4	-56.0	-34.6	9.5	-41.0	-213.8	-221.0
	326	200	83.1	-11.6	-22.0	-22.8	-44.1	-37.3	-23.8	17.6	-39.0	-48.9	-64.2
	328	200	80.3	-17.0	-10.9	-29.8	-36.4	-13.6	-24.4	11.1	-43.7	-34.8	-47.8



**Table 3.** Volume change for each monitoring reach since 2018. The April 2018 survey represents the post-2018 project survey.

Profile Volume Change Since Last Survey (cy)											
	Length (ft)	Apr-18	Jun-19	Jun-20	Jul-21	Aug-22	Aug-23	Sep-24	Feb-25	Aug-25	Feb-26
Reach 1	5,000	32,961	15,975	62,605	-3,822	-113,231	-209,793	-27,304	-5,125	127,455	82,141
Reach 2	4,000	7,065	-17,095	-362	-23,353	-7,217	-25,994	-49,264	-9,961	-19,788	82,631
Reach 3	6,000	3,428	25,593	34,573	-6,909	26,568	-15,674	97,482	10,684	34,670	21,716
Reach 4	7,200	50,092	41,205	157,949	114,202	96,595	20,029	44,679	-73,828	-6,195	-9,396
Reach 5a	2,000	65,240	72,718	-43,167	-67,369	-18,606	-34,784	-41,955	-29,160	-2,205	-12,382
Reach 5b	1,400	340,444	-87,553	-58,643	-48,322	-4,770	12,044	4,422	-33,194	-14,179	-46,582
Reach 5c	2,400	477,200	-142,901	-106,174	-93,177	-87,979	-95,024	-12,714	44,609	128,193	63,339
Reach 6a	1,200	170,019	-147,630	-41,927	-37,365	-8,043	24,388	153,038	53,527	-33,823	25,015
Reach 6b	1,800	269,938	-27,029	-56,397	-27,526	-22,396	-63,344	-94,877	-49,837	-38,189	8,450
Reach 6c	2,000	229,907	58,493	-22,496	-38,816	-65,527	-96,809	-148,145	-48,525	3,458	-53,699
Reach 7	4,000	-29,257	18,340	14,624	15,563	11,059	46,652	-118,563	-1,166	29,193	26,391
Reaches 1-7	37,000	1,617,037	-189,884	-59,415	-216,893	-193,547	-438,309	-193,200	-141,977	208,589	187,624
Unit Volume Change Since Last Survey (cy/ft)											
	Length (ft)	Apr-18	Jun-19	Jun-20	Jul-21	Aug-22	Aug-23	Sep-24	Feb-25	Aug-25	Feb-26
Reach 1	5,000	7.3	3.5	13.9	-0.8	-25.2	-46.6	-6.1	-1.1	28.3	18.3
Reach 2	4,000	1.6	-3.8	-0.1	-5.2	-1.6	-5.8	-10.9	-2.2	-4.4	18.4
Reach 3	6,000	0.6	4.3	5.8	-1.2	4.4	-2.6	16.2	1.8	5.8	3.6
Reach 4	7,200	7.0	5.7	21.9	15.9	13.4	2.8	6.2	-10.3	-0.9	-1.3
Reach 5a	2,000	32.6	36.4	-21.6	-33.7	-9.3	-17.4	-21.0	-14.6	-1.1	-6.2
Reach 5b	1,400	243.2	-62.5	-41.9	-34.5	-3.4	8.6	3.2	-23.7	-10.1	-33.3
Reach 5c	2,400	198.8	-59.5	-44.2	-38.8	-36.7	-39.6	-5.3	18.6	53.4	26.4
Reach 6a	1,200	141.7	-123.0	-34.9	-31.1	-6.7	20.3	127.5	44.6	-28.2	20.8
Reach 6b	1,800	150.0	-15.0	-31.3	-15.3	-12.4	-35.2	-52.7	-27.7	-21.2	4.7
Reach 6c	2,000	115.0	29.2	-11.2	-19.4	-32.8	-48.4	-74.1	-24.3	1.7	-26.8
Reach 7	4,000	-7.3	4.6	3.7	3.9	2.8	11.7	-29.6	-0.3	7.3	6.6
Reaches 1-7	37,100	43.7	-5.1	-1.6	-5.9	-5.2	-11.8	-5.2	-3.8	5.6	5.1



**Figure 2.** Graphs showing beach volumes for each reach since monitoring began in 2007–2009.



**Figure 3.** Aerial image of the south end of IOP on 5 February 2026 showing a large intertidal ridge migrating higher on the beachface. While the dry-sand beach remains narrow in this area, the intertidal beach gained 35–75 cy/ft between August 2025 and February 2026.



**Figure 4.** Photo from 6th Ave looking south on 5 February 2026. Note the wrack line showing the dry-sand beach 80–100 ft wider than the vegetation line. The vegetation line marks the approximate location of the escarpment formed in 2024.



**Figure 5.** Photo from the Wild Dunes Grand Pavilion area. This area was the most eroded part of the beach from Aug 2025 to Feb 2026.



**Figure 6.** January 5, 2026 photo of the shoal attachment zone along Wild Dunes. The leading shoal has attached and is spreading sand laterally along the beach. Further offshore, a secondary shoal moved ~500 ft closer to the beach over the last 6 months. This event (containing multiple emergent shoals) is expected to add 600,000–800,000 cy to the beach. CSE estimates that around half of this total is currently included in the volume changes reported herein.