CALIFORNIA COASTAL COMMISSION

F7a

ADDENDUM

August 9, 2021

SOUTH COAST DISTRICT OFFICE 301 E. OCEAN BLVD, SUITE 300 LONG BEACH, CA 90802-4325 VOICE (562) 590-5071 FAX (562) 590-5084

TO: Coastal Commissioners and Interested Parties

FROM: South Coast District Staff

SUBJECT: ADDENDUM TO ITEM F7a, Informational Briefing on OC Parks CDP No. 5-19-0345 (Capistrano Beach County Park) for the Commission Meeting of Friday, August 13, 2021.

I. CHANGES TO STAFF REPORT

Commission staff recommends changes to the staff report dated July 23, 2021 to include and summarize information received from Orange County Parks (OC Parks) on July 23, 2021.

The text in the staff report dated July 23, 2021, is shown in plain text. Language to be added is shown in <u>underline</u>.

A. Addition to the end of the Applicant's Submittal section (page 3)

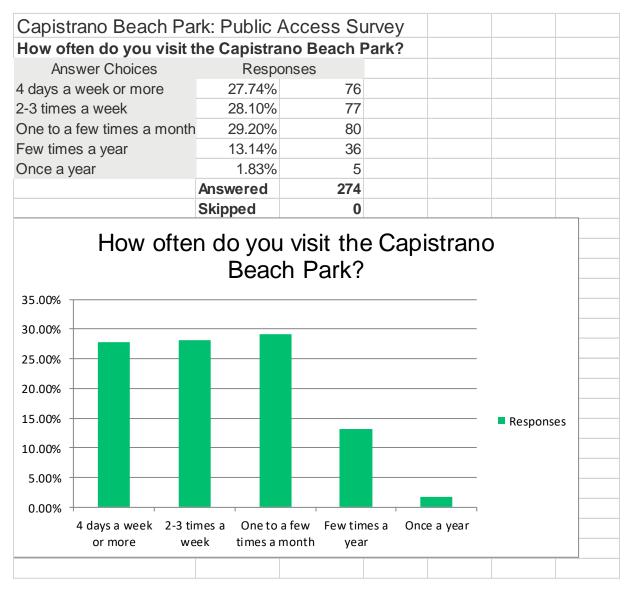
The feasibility study did not, however, include a determination regarding whether it would be feasible for OC Parks to propose to implement any of the alternatives analyzed in the study (Special Condition 6.B) at this time. OC Parks staff suggest that funding and sand supply may be significant barriers to implementation of a pilot project. In addition, the study did not include the results of the public access survey or an analysis of any impacts to the site identified through the required revetment monitoring (Special Condition 1.B). Thus, Commission staff deemed the CDP amendment application incomplete on July 14, 2021.

On July 23, 2021, OC Parks submitted results from approximately 275 public access surveys (**Exhibit 5**) and weekly revetment monitoring data June 3, 2021 through July 15, 2021 (**Exhibit 6**). The public access surveys, which were provided in paper and electronically in English and Spanish at Capistrano Beach according to the Commission approved Final Public Access Survey Plan, asked four questions regarding the public's use of the site and seven demographic/socioeconomic questions. The responses received thus far are summarized in **Exhibit 5** and suggest that the beach area/shoreline and bike/pedestrian paths are the two most valued amenities at the site (of those listed in the question, including picnic tables, viewing areas, parking, and water activities) and that personal cars are the main method of transportation to the beach followed by bicycle and walking. The temporarily authorized sandcube and rock shoreline revetment monitoring data (**Exhibit 6**) suggests that there continues to be evidence of overtopping of the rock and sandcubes in some areas, that the exposed sandcubes are unsightly and some have incurred damage (especially at the southern reach of the beach), and that some of the rock has been dislodged even during the calm summer season. The monitoring data and public access surveys will continue to be collected and will be provided with the requested additional CDP amendment application information.

II. PUBLIC CORRESPONDENCE

On July 28 and August 5, the Commission received two comments from members of the public regarding the future of Capistrano Beach that suggest a long-term fix, through the construction of breakwaters, would be appropriate for long-term maintenance of Capistrano Beach as a recreation area. On August 6, the Surfrider Foundation submitted a comment letter that states a preference for one of the three pilot project alternatives—the living shoreline project coupled with the removal of the full parking lot width at the south end of Capistrano County Beach Park—suggesting that it would give a better indicator of the effectiveness of the living shoreline approach at this site. In addition, Surfrider contends that the existing rock and sandcube revetment is exacerbating erosion, unsafe, and geotextile materials are entering the ocean. Surfrider also provides evidence that the revetment was overtopped on July 4th and facilities are continuing to incur damage due to high tide events and the non-engineered fill material buried beneath the beach. Furthermore, Surfrider points out that it believes maintaining the parking lot is unsustainable and maintenance of the Coastal Trail (e.g. through modular ADA-compliant tracks) is important.

	suano bea	ach County Pa	ark's publi	c access a	nd recrea	tion amenitie	s?Please	rank "1-7'	', with "1" be	ing most v	alued.				
1		2		3		4		5	;	6		7		Total	Score
57.14%	134	16.02%	37	8.23%	19	5.63%	13	2.60%	6	2.60%	6	6.93%	16	231	2.1
15.72%	36	12.23%	28	8.73%	20	13.54%	31	10.92%	25	11.35%	26	27.51%	63	229	4.2
13.27%	30	8.85%	20	13.72%	31	18.14%	41	19.91%	45	13.27%	30	12.83%	29	226	4.1
17.30%	41	15.19%	36	13.50%	32	9.28%	22	15.61%	37	11.39%	27	17.72%	42	237	3.9
25.00%	60	20.00%	48	18.33%	44	14.17%	34	7.08%	17	6.67%	16	8.75%	21	240	3.1
15.06%	36	13.39%	32	12.97%	31	12.55%	30	18.83%	45	12.55%	30	13.51%	35	239	4.0
14.11%	35	9.27%	23	14.11%	35	13.31%	33	10.08%	25	19.35%	48	19.76%	49	248	5.7
														Answered	25
													:	Skipped	1
with "1" b	eing m	ost valued	J												
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dy Beach	Bike and	Viewing Fire Pits Areas Picnie													
F	15.72% 13.27% 17.30% 25.00% 15.06% 14.11% Uld you ra Beach Correcreation	15.72% 36 13.27% 30 17.30% 41 25.00% 60 15.06% 36 14.11% 35 uld you rank the Beach County Frecreation amen	15.72% 36 12.23% 13.27% 30 8.85% 17.30% 41 15.19% 25.00% 60 20.00% 15.06% 36 13.39% 14.11% 35 9.27%	15.72% 36 12.23% 28 13.27% 30 8.85% 20 17.30% 41 15.19% 36 25.00% 60 20.00% 48 15.06% 36 13.39% 32 14.11% 35 9.27% 23	15.72% 36 12.23% 28 8.73% 13.27% 30 8.85% 20 13.72% 17.30% 41 15.19% 36 13.50% 25.00% 60 20.00% 48 18.33% 15.06% 36 13.39% 32 12.97% 14.11% 35 9.27% 23 14.11%	15.72% 36 12.23% 28 8.73% 20 13.27% 30 8.85% 20 13.72% 31 17.30% 41 15.19% 36 13.50% 32 25.00% 60 20.00% 48 18.33% 44 15.06% 36 13.39% 32 12.97% 31 14.11% 35 9.27% 23 14.11% 35	15.72% 36 12.23% 28 8.73% 20 13.54% 13.27% 30 8.85% 20 13.72% 31 18.14% 17.30% 41 15.19% 36 13.50% 32 9.28% 25.00% 60 20.00% 48 18.33% 44 14.17% 15.06% 36 13.39% 32 12.97% 31 12.55% 14.11% 35 9.27% 23 14.11% 35 13.31% uld you rank the value of Beach County Park's public recreation amenities?Please	15.72% 36 12.23% 28 8.73% 20 13.54% 31 13.27% 30 8.85% 20 13.72% 31 18.14% 41 17.30% 41 15.19% 36 13.50% 32 9.28% 22 25.00% 60 20.00% 48 18.33% 44 14.17% 34 15.06% 36 13.39% 32 12.97% 31 12.55% 30 14.11% 35 9.27% 23 14.11% 35 13.31% 33	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 14.11% 35 9.27% 23 14.11% 35 13.31% 33 10.08% JId you rank the value of Beach County Park's public recreation amenities?Please	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 14.11% 35 9.27% 23 14.11% 35 13.31% 33 10.08% 25	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 11.35% 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 13.27% 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 11.39% 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 6.67% 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 12.55% 14.11% 35 9.27% 23 14.11% 35 13.31% 33 10.08% 25 19.35% JId you rank the value of Beach County Park's public recreation amenities?Please	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 11.35% 26 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 13.27% 30 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 11.39% 27 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 6.67% 16 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 12.55% 30 14.11% 35 13.31% 33 10.08% 25 19.35% 48 JId you rank the value of Each County Park's public recreation amenities?Please	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 11.35% 26 27.51% 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 13.27% 30 12.83% 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 11.39% 27 17.72% 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 6.67% 16 8.75% 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 12.55% 30 13.51% 14.11% 35 13.31% 33 10.08% 25 19.35% 48 19.76% JId you rank the value of Beach County Park's public Image: Semilic recreation amenities?Please Image: Semilic recreation amenities?Please Image: Semilic recreation amenities?Please Image: Semilic recreation amenities?Please Image: Semilic recreation<	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 11.35% 26 27.51% 63 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 13.27% 30 12.83% 29 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 11.39% 27 17.72% 42 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 6.67% 16 8.75% 21 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 12.55% 30 13.51% 35 14.11% 35 13.31% 33 10.08% 25 19.35% 48 19.76% 49 JId you rank the value of Image: select County Park's public Image: select Co	15.72% 36 12.23% 28 8.73% 20 13.54% 31 10.92% 25 11.35% 26 27.51% 63 229 13.27% 30 8.85% 20 13.72% 31 18.14% 41 19.91% 45 13.27% 30 12.83% 29 226 17.30% 41 15.19% 36 13.50% 32 9.28% 22 15.61% 37 11.39% 27 17.72% 42 237 25.00% 60 20.00% 48 18.33% 44 14.17% 34 7.08% 17 6.67% 16 8.75% 21 240 15.06% 36 13.39% 32 12.97% 31 12.55% 30 18.83% 45 12.55% 30 13.51% 35 239 14.11% 35 9.27% 23 14.11% 35 13.31% 33 10.08% 25 19.35% 48 19.76% 49 248 JId you rank the value of seach County Park's public recreation amenities?Please Imanoi



Nhat mo	ode(s) of tra	nsportation do	you use to g	get to Capistr	ano Beach?
Answe	r Choices	Response	es		
Public Tra	Insit	1.46%	4		
Trolley		7.30%	20		
Personal (Car	79.93%	219		
Carpool		3.65%	10		
Bicycle		36.13%	99		
Valking		33.58%	92		
Other (ple	ase specify)	0.36%	1		
		Answered	274		
			0		
90.00%		skipped node(s) of to get to C	transport	•	
90.00%		node(s) of	transport	•	
80.00%		node(s) of	transport	•	
80.00%		node(s) of	transport	•	
80.00%		node(s) of	transport	•	
80.00%		node(s) of	transport	•	
80.00% 70.00% 60.00% 50.00% 40.00%		node(s) of	transport	•	
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80.00% 70.00% 60.00% 50.00% 40.00% 30.00% 20.00% 10.00%		node(s) of to get to C		•	

Capistrano Beach Park: Public Access Survey		
In 2020, Capistrano Beach had approximately 80 available parking spaces after 55 spaces were removed due to flooding and erosion. For future park improvements, do you believe that Capistrano Beach Park should maintain acertain number of parking spaces available for the public?		
Answer Choices	Respons	es
No, the Park should spend resources on providing the public with other beach amenities at the site and encourage alternate modes of transportation instead of maintaining parking spaces.	20.00%	54
Yes, a few ADA-accessible parking spaces and a loading zone should be sufficient.	17.04%	46
Yes, the currently available number of parking spaces should be sufficient (approximately 80 spaces).	39.26%	106
Yes, the park should provide the number of spaces it previously had (approximately 135 spaces should be included).	21.11%	57
Yes, the park needs more parking than what was previously available.	4.81%	13
	Answered	270
	Skipped	4
In 2020, Capistrano Beach had approximately 80 available parking spaces after 55 spaces were removed due to flooding and erosion. For future park improvements, do you believe that Capistrano Beach Park should		

apistrano Be /hat is your ag				
Answer Choices	Response			
-18	1.11%	3		
9-25	3.32%	9		
6-45	19.93%	54		
6-60	39.85%	108	 	
0+	36.16%	98		
	Answered	271		
	Skipped	3		
45.00%	What is yo		ar5) :	_
				-
40.00% 35.00% 30.00% 25.00%				
40.00%				 Responses
40.00%				
40.00% 35.00% 30.00% 25.00% 20.00% 15.00% 10.00%				
40.00% 35.00% 30.00% 25.00% 20.00% 15.00%				
40.00% 35.00% 30.00% 25.00% 20.00% 15.00% 10.00%				Responses

Capistrano Beach Park: Public Access Survey

What is your home zip code?

Answered	265
Skipped	9

Respondents	Zip Code	City
- 1	92175	San Juan Capistrano
1	92603	Irvine, Newport Beach
1	92615	Huntington Beach
1	92620	Irvine
57	92624	Dana Point, San Juan Cap
40	92629	Dana Point
3	92630	Lake Forest
1	92637	Laguna Woods, Laguna H Irvine
9	92651	Laguna Beach
3	92653	Laguna Hills, Mission Viej
6	92656	Aliso Viejo, Laguna Hills
32	92672	San Clemente
23	92673	San Clemente, San Juan
1	92674	San Clemente
30	92675	San Juan Capistrano Silverado, Modjeska Cany
1	92676	Canyon
		Laguna Niguel, San
21	92677	Juan Capistrano
1	92679	Trabuco Canyon Rancho Santa Margarita,
5	92688	Ranch

		Mission Viejo, Lake
8	92691	Forest, Galivan
		Mission Viejo, Rancho
7	92692	Santa Margarita
		Ladera Ranch, Rancho
8	92694	Mission Viejo
1	92807	Anaheim
1	92869	Orange
1	92882	Corona, Coronita
1	92994	Barra de Cazones, Mexico
1	93624	Dana Point, San Juan Capistrano
8 1 1 1 1	92694 92807 92869 92882 92994	Santa Margarita Ladera Ranch, Rancho Mission Viejo Anaheim Orange Corona, Coronita Barra de Cazones, Mexico

What race or ethnicity best describes you? Select all that apply: Answer Choices Responses White 75.00% 198 Hispanic or Latino 8.33% 22 Black or African American 0.38% 1 Native American or American Indian or Alaskan Native 1.52% 4 Asian 3.03% 8 Other (please specify) 1.52% 4 Prefer not to say Answered 264 Skipped 10 10 What race or ethnicity best describes you? Select all that apply: 80.00% 900% 90% 90% 0.00% 90% 90% 90% 90% What race or ethnicity best describes you? Select all that apply: 80.00% 90% 90% 90% 90% 900% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% 90% <th></th> <th></th> <th></th>			
White 75.00% 198 Hispanic or Latino 8.33% 22 Black or African American 0.38% 1 Native American or American Indian or Alaskan Native 1.52% 4 Asian 1.14% 3 Native Hawaiian or Pacific Islander 3.03% 8 Other (please specify) 1.52% 4 Prefer not to say 16.29% 43 Answered 264 Skipped 10	What race or ethnicity best describes you? Sele	ct all that appl	y:
Hispanic or Latino Black or African American Native American or American Indian or Alaskan Native Asian Native Hawaiian or Pacific Islander Other (please specify) Prefer not to say 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply: 80.00% 60.00% 50.00% 40.00%	Answer Choices	Respons	es
Black or African American Native American or American Indian or Alaskan Native Asian Native Hawaiian or Pacific Islander Other (please specify) Prefer not to say 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply: 80.00% 60.00% 50.00% 40.00%	White	75.00%	198
Native American or American Indian or Alaskan Native Asian Native Hawaiian or Pacific Islander Native	Hispanic or Latino	8.33%	22
Asian 1.14% 3 Native Hawaiian or Pacific Islander 3.03% 8 Other (please specify) 1.52% 4 Prefer not to say 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply:	Black or African American	0.38%	1
Native Hawaiian or Pacific Islander 3.03% 8 Other (please specify) 1.52% 4 Prefer not to say 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply: 80.00% 50.00% 60.00% 60.00%	Native American or American Indian or Alaskan Native	1.52%	4
Other (please specify) Prefer not to say 1.52% 4 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply:	Asian	1.14%	3
Prefer not to say 16.29% 43 Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply:	Native Hawaiian or Pacific Islander	3.03%	8
Answered 264 Skipped 10 What race or ethnicity best describes you? Select all that apply:	Other (please specify)	1.52%	4
Skipped 10 What race or ethnicity best describes you? Select all that apply: 80.00% 60.00% 50.00% 60.00%	Prefer not to say	16.29%	43
What race or ethnicity best describes you? Select all that apply:		Answered	264
you? Select all that apply:		Skipped	10
	you? Select all that a		5

Capistrano Beach Park: Public Access Survey	/				
What is the highest degree or level of school you ha		If currently er	rolled, high	est degree	received.
Answer Choices	Response				
_ess than high school degree	0.38%	1			
ligh School graduate, diploma or the equivalent (ie: GED)	3.79%	10			
Some college credit, no degree	9.09%	24			
Frade/technical/vocation training	4.92%	13			
Associate degree	9.09%	24			
3achelor's degree	36.74%	97			
<i>l</i> aster's degree	22.73%	60			
Professional or Doctorate degree	8.33%	22			
Prefer not to answer	5.30%	14			
	Answered	264			
	Skipped	10			
What is the highest degree o school you have completed? I enrolled bighest degree re	f currently				
school you have completed? I enrolled, highest degree re	f currently ceived.	sponses			
school you have completed? I enrolled, highest degree re	f currently ceived.	sponses			

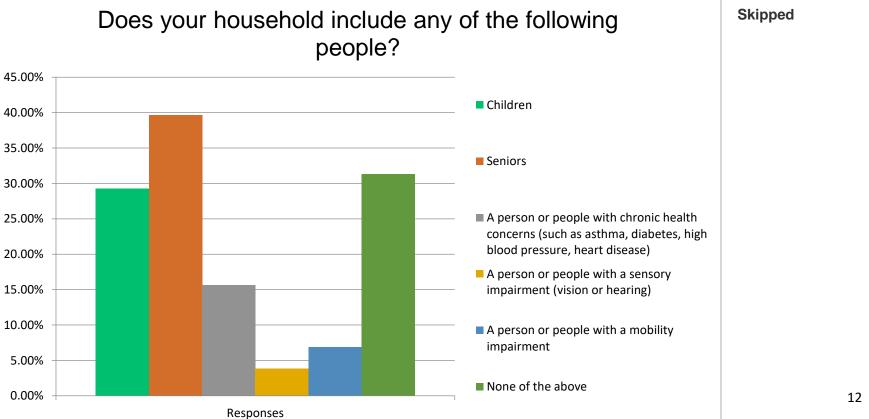
low much total m	oney did all me	embers of you	ır househol	d earn i	n 2019?	
Answer Choices	Response	es				
Less than \$25,000	2.26%	6				
\$25,000 to \$34,999	1.88%	5				
\$35,000 to \$44,999	2.26%	6				
645,000 to \$54,999	2.63%	7				
655,000 to \$64,999	2.26%	6				
65,000 to \$74,999	5.64%	15				
575,000 to \$84,999	6.77%	18				
\$85,000 to \$94,999	4.14%	11				
695,000 to \$104,999	4.51%	12				
\$105,000 or more	46.62%	124				
Prefer not to answer	21.05%	56				
	21.0070					
	Answered	266				
How n	Answered Skipped Nuch total r	⁸ noney dia				
How n	Answered Skipped Nuch total r your house	⁸ money did ehold earr	n in 2019)? 	Responses	

w many people	e live in your ho	ousehold?			
nswer Choices	Response				
	10.94%	29			
	39.25%	104			
	21.89%	58			
	16.23%	43			
	5.66%	15			
	2.26%	6			
	0.75%	2			
r more	0.00%	0			
efer not to answer	3.02%	8			
	Answered	265			
		0			
.00%	skipped any people	9 e live in y	/our hou	iseho	ld?
.00%			our hou	iseho	
.00%			our hou	Iseho	Id? Responses

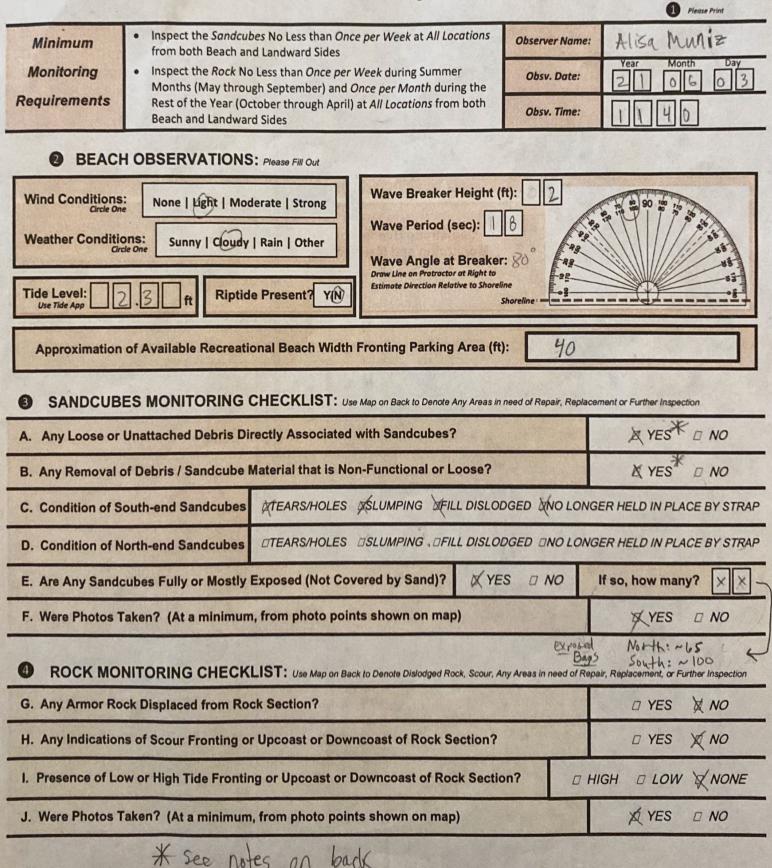
Capistrano Beach Park: Public Access Survey Does your household include any of the following people?

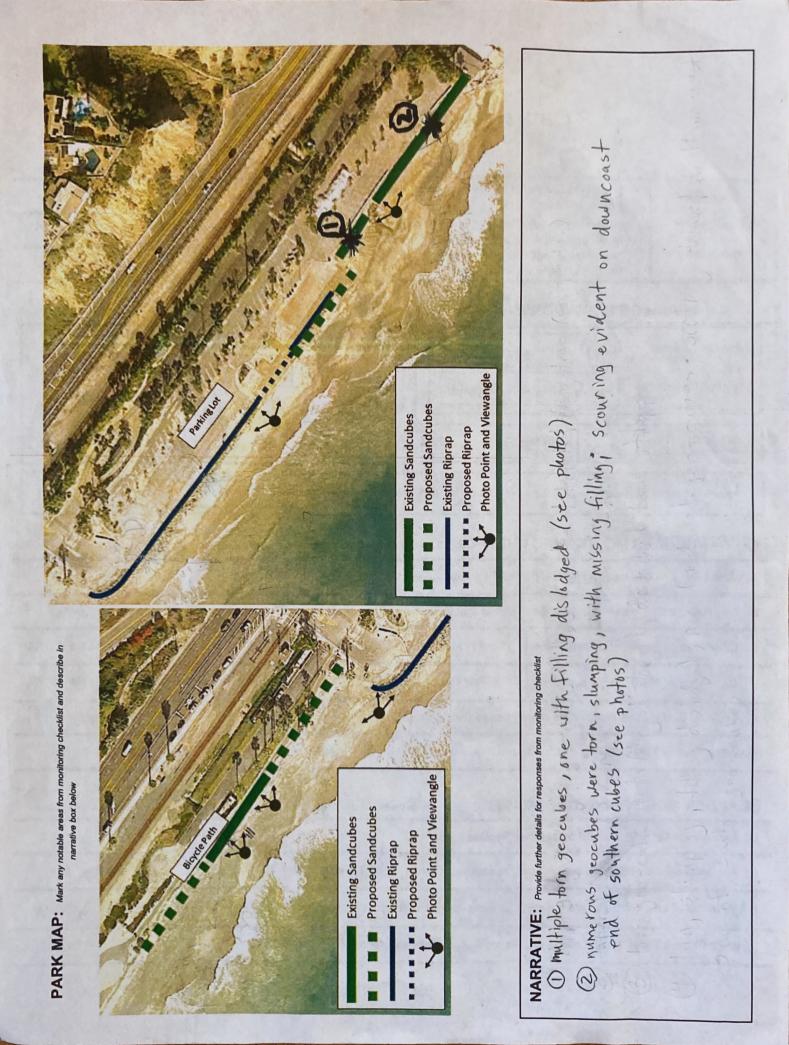
Answer Choices	Response	es
Children	29.29%	77
Seniors	39.69%	104
A person or people with chronic health concerns (such as asthma, diabetes, high blood pressure, heart		
disease)	15.65%	41
A person or people with a sensory impairment (vision or hearing)	3.82%	10
A person or people with a mobility impairment	6.87%	18
None of the above	31.30%	82
	Answered	262

12

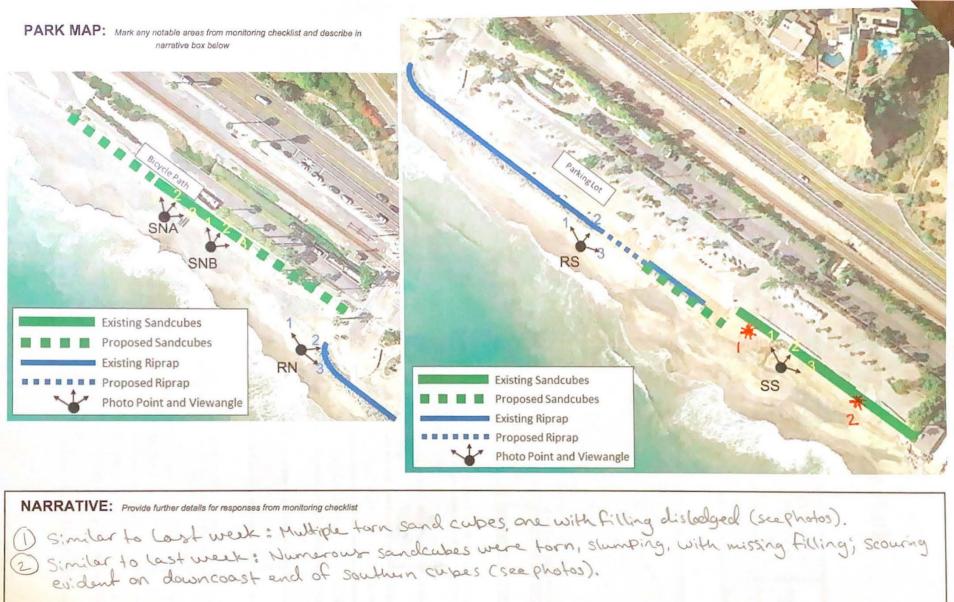


Monitoring Form





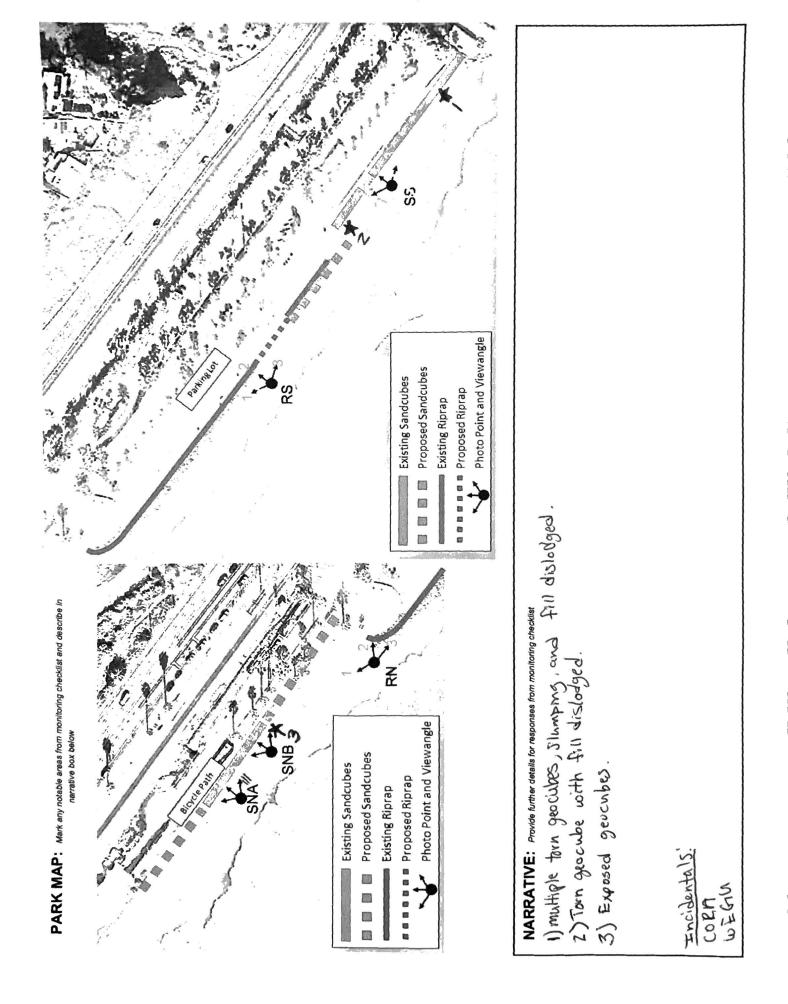
1			
	Capistrano Beach Cour Monitoring Form	nty Park	1 Please Print
Minimum Monitoring Requirements	 Inspect the Sandcubes No Less than Once per Week at All Location from both Beach and Landward Sides Inspect the Rock No Less than Once per Week during Summer Months (May through September) and Once per Month during the Rest of the Year (October through April) at All Locations from both Beach and Landward Sides 	Obsv. Date:	Elessica Caluillo Year Month Day 2106/00
Wind Conditions:	OBSERVATIONS: Please Fill Out None Light Moderate Strong Wave Breaker Heig	ght (ft):	
Grcle One Weather Conditio Grcd Tide Level:	Wave Period (sec)	aker:	
	of Available Recreational Beach Width Fronting Parking Are		
A. Any Loose or l	Inattached Debris Directly Associated with Sandcubes?		k YES I NO
B. Any Removal o	f Debris / Sandcube Material that is Non-Functional or Loos	e?	₩ YES [*] □ NO
C. Condition of So	outh-end Sandcubes TEARS/HOLES SLUMPING FILL DI	SLODGED MO LONG	GER HELD IN PLACE BY STRAF
D. Condition of No	orth-end Sandcubes @TEARS/HOLES @SLUMPING @FILL DI	SLODGED ONO LON	GER HELD IN PLACE BY STRAF
E. Are Any Sandci	ubes Fully or Mostly Exposed (Not Covered by Sand)?	YES D NO	If so, how many?
F. Were Photos Ta	ken? (At a minimum, from photo points shown on map)		YES DNO
O ROCK MON	ITORING CHECKLIST: Use Map on Back to Denote Dislodged Rock, Sci	our, Any Areas in need of Rep	Nor the ~ 65 cl Souther 100 pair, Replacement, or Further Inspection
G. Any Armor Rock	k Displaced from Rock Section?		I YES X NO
H. Any Indications	of Scour Fronting or Upcoast or Downcoast of Rock Section	n?	I YES X NO
I. Presence of Low	or High Tide Fronting or Upcoast or Downcoast of Rock Se	ection?	
J. Were Photos Tal	ken? (At a minimum, from photo points shown on map)		🗶 YES 🛛 NO



Capistrano Beach County Park Monitoring Form

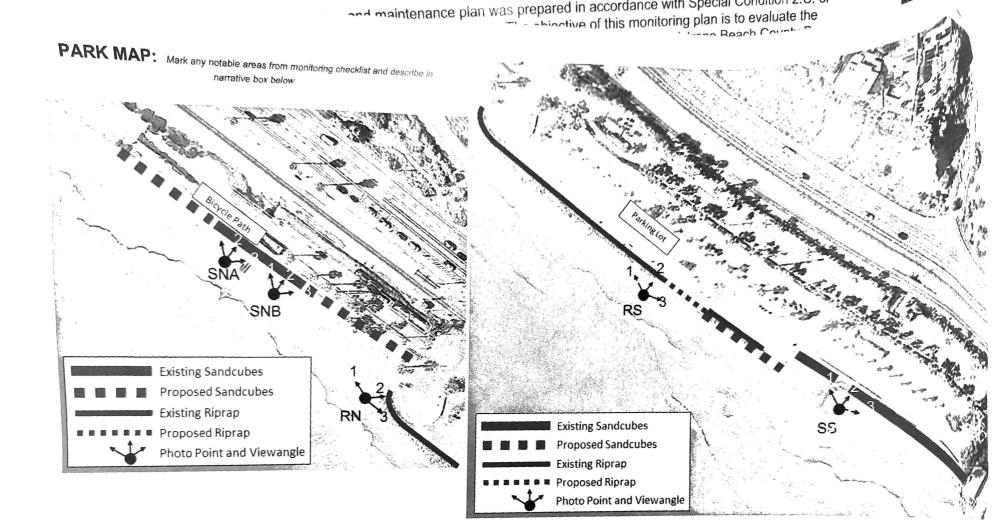
		0		1 Please Print
Minimum	Minimum • Inspect the Sandcubes No Less than Once per Week at All Locations Observer Name from both Beach and Landward Sides			
Monitoring	Inspect the Rock No Less than Once per Week during Summer Months (May through September) and Once per Month during the			Pear Month Day
Requirements	Rest of the Year (Oc Beach and Landward	tober through April) at <i>All Locations</i> from b J Sides	ooth Obsv. Time	0900
BEACH OBSERVATIONS: Please Fill Out Wind Conditions: Circle One None Light Moderate Strong Weather Conditions: Circle One Sunny (cloud) Rain Other Tide Level: Use Tide App May and the Present? Vio Approximation of Available Recreational Beach Width Fronting Parking Area (ft):				
SANDCUB	ES MONITORING	CHECKLIST: Use Map on Back to Denote Any	Areas in need of Repair, Re	placement or Further Inspection
		CHECKLIST: Use Map on Back to Denote Any rectly Associated with Sandcubes?	Areas in need of Repair, Re	Placement or Further Inspection
A. Any Loose or	Unattached Debris Di			
A. Any Loose or B. Any Removal	Unattached Debris Di	rectly Associated with Sandcubes?	ose?	* ¥ YES □ NO * ¥ YES □ NO
 A. Any Loose or B. Any Removal C. Condition of S 	Unattached Debris Di	rectly Associated with Sandcubes? Material that is Non-Functional or Loo	ose? DISLODGED □NO LO	* Yes NO * Yes NO * Yes NO
 A. Any Loose or B. Any Removal C. Condition of S D. Condition of N 	Unattached Debris Di of Debris / Sandcube I South-end Sandcubes North-end Sandcubes	rectly Associated with Sandcubes? Material that is Non-Functional or Loo XTEARS/HOLES Science of the second	ose? DISLODGED □NO LO	* Yes NO * Yes NO * Yes NO
 A. Any Loose or B. Any Removal of C. Condition of S D. Condition of N E. Are Any Sando 	Unattached Debris Di of Debris / Sandcube I South-end Sandcubes North-end Sandcubes cubes Fully or Mostly	rectly Associated with Sandcubes? Material that is Non-Functional or Loo XTEARS/HOLES Science of the second	DISLODGED DNO LO	* YES NO * YES NO * YES NO ONGER HELD IN PLACE BY STRAP ONGER HELD IN PLACE BY STRAP
 A. Any Loose or B. Any Removal of C. Condition of S D. Condition of N E. Are Any Sando F. Were Photos T 	Unattached Debris Di of Debris / Sandcube I South-end Sandcubes North-end Sandcubes cubes Fully or Mostly Faken? (At a minimum	Tears/Holes Sumping Fill Exposed (Not Covered by Sand)?	DISLODGED ONO LO DISLODGED ONO LO VYES ONO	* YES \square NO * YES \square NO NGER HELD IN PLACE BY STRAP NGER HELD IN PLACE BY STRAP If so, how many? χ χ χ YES \square NO South: ~ 125 \square NO
 A. Any Loose or B. Any Removal of C. Condition of S D. Condition of N E. Are Any Sando F. Were Photos T C. ROCK MOD 	Unattached Debris Di of Debris / Sandcube I South-end Sandcubes North-end Sandcubes cubes Fully or Mostly Faken? (At a minimum	Teactly Associated with Sandcubes? Material that is Non-Functional or Loo Materis Non-Functional or Loo	DISLODGED ONO LO DISLODGED ONO LO VYES ONO	* YES \square NO * YES \square NO NGER HELD IN PLACE BY STRAP NGER HELD IN PLACE BY STRAP If so, how many? χ χ χ YES \square NO South: ~ 125 \square NO
 A. Any Loose or B. Any Removal of C. Condition of S D. Condition of N E. Are Any Sando F. Were Photos T 4 ROCK MOD G. Any Armor Ro 	Unattached Debris Dir of Debris / Sandcube I South-end Sandcubes North-end Sandcubes cubes Fully or Mostly Faken? (At a minimum NITORING CHECK ck Displaced from Roc	Teactly Associated with Sandcubes? Material that is Non-Functional or Loo Materis Non-Functional or Loo	DISLODGED DNO LO DISLODGED DNO LO X YES DNO Scour, Any Areas in need o	* YES \square NO * YES \square NO NGER HELD IN PLACE BY STRAP NGER HELD IN PLACE BY STRAP If so, how many? X YES \square NO Sisuth: ~ 125 North: ~ 65 Repair, Replacement, or Further Inspection
 A. Any Loose or B. Any Removal of C. Condition of S D. Condition of N E. Are Any Sando F. Were Photos T C. Any Armor Ro H. Any Indication 	Unattached Debris Dir of Debris / Sandcube I South-end Sandcubes North-end Sandcubes cubes Fully or Mostly Faken? (At a minimum NITORING CHECK ck Displaced from Roc	rectly Associated with Sandcubes? Material that is Non-Functional or Loo XTEARS/HOLES SLUMPING TEARS/HOLES SLUMPING TEARS/HOLES SLUMPING TEARS/HOLES SLUMPING ITEARS/HOLES SLU	DISLODGED INO LO DISLODGED INO LO VYES INO Scour, Any Areas in need o tion?	* YES NO * YES NO * YES NO ONGER HELD IN PLACE BY STRAP ONGER HELD IN PLACE BY STRAP If so, how many? X X YES NO South: \sim 125 NO South: \sim 65 Repair, Replacement, or Further Inspection I YES NO

* see notes on back.



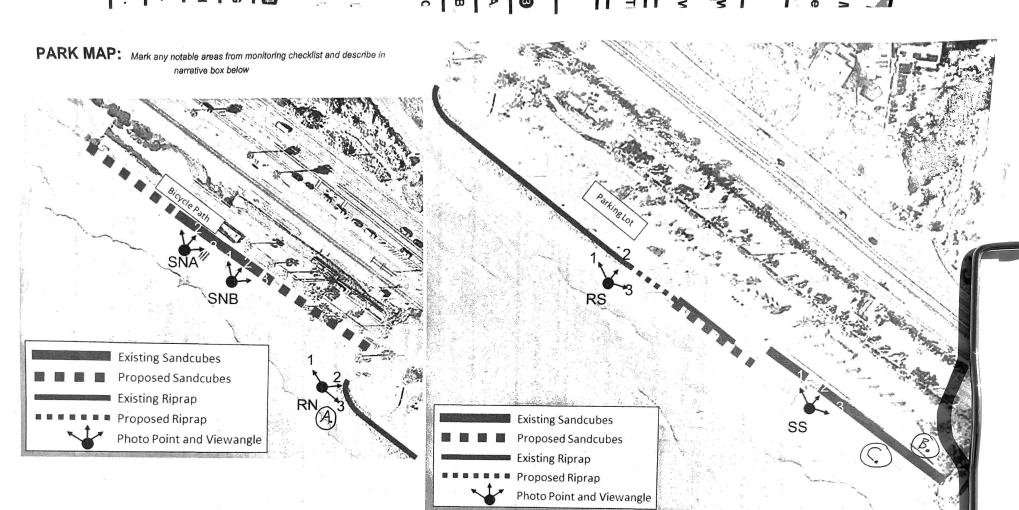
Monitoring Form

			1 Please Print
Minimum Inspect the Sandcube from both Beach and	es No Less than <i>Once per Week</i> at <i>All Locations</i> H Landwa<mark>rd Sides</mark>	Observer Nai	1194.1
Months (May throu	Less than Once per Week during Summer gh September) and Once per Month during the	Obsv. Date:	Year Month Day
Requirements Rest of the Year (Oc Beach and Landwar	tober through April) at <i>All Locations</i> from both d Sides	Obsv. Time:	700
BEACH OBSERVATIONS	S: Please Fill Out		
Wind Conditions: Circle One None (Light) Mo Weather Conditions: Circle One Sunny Cloude	Wave Period (sec):	9	8 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10
Tide Level:	de Present? Y	ine Shoreline	55 08
Approximation of Available Recreat	ional Beach Width Fronting Parking Area (ft	: 40	
SANDCUBES MONITORING	CHECKLIST: Use Map on Back to Denote Any Areas in	need of Repair, Replac	cement or Further Inspection
A. Any Loose or Unattached Debris D	irectly Associated with Sandcubes?		X YES 🗆 NO
B. Any Removal of Debris / Sandcube	Material that is Non-Functional or Loose?		Yes DNO
C. Condition of South-end Sandcubes	ATEARS/HOLES ASLUMPING AFILL DISLO	DGED KNO LON	GER HELD IN PLACE BY STRAI
D. Condition of North-end Sandcubes	JTEARS/HOLES JSLUMPING JFILL DISLO		IGER HELD IN PLACE BY STRAI
E. Are Any Sandcubes Fully or Mostly	Exposed (Not Covered by Sand)?	s <u>no</u>	If so, how many?
F. Were Photos Taken? (At a minimum	, from photo points shown on map)		XYES TNO
	LIST: Use Map on Back to Denote Dislodged Rock, Scour, A	ny Areas in need of R	South: ~125 North: ~65 epair, Replacement, or Further Inspection
G. Any Armor Rock Displaced from Roc	k Section?		X YES I NO
H. Any Indications of Scour Fronting or	Upcoast or Downcoast of Rock Section?		YAYES 🗆 NO
Presence of Low or High Tide Fronting	g or Upcoast or Downcoast of Rock Section	on? 🛛	HIGH 🛛 LOW 🕅 NONE
Were Photos Taken? (At a minimum,	from photo points shown on map)		X YES D NO



NARRATIVE: Provide further details for responses from monitoring checklist -South end sandcubes are torn and slumping. Water streaking high on sand above cubes, probably from ~7 ft high the the last few nights
A few small ballders are dislodged from armor rock

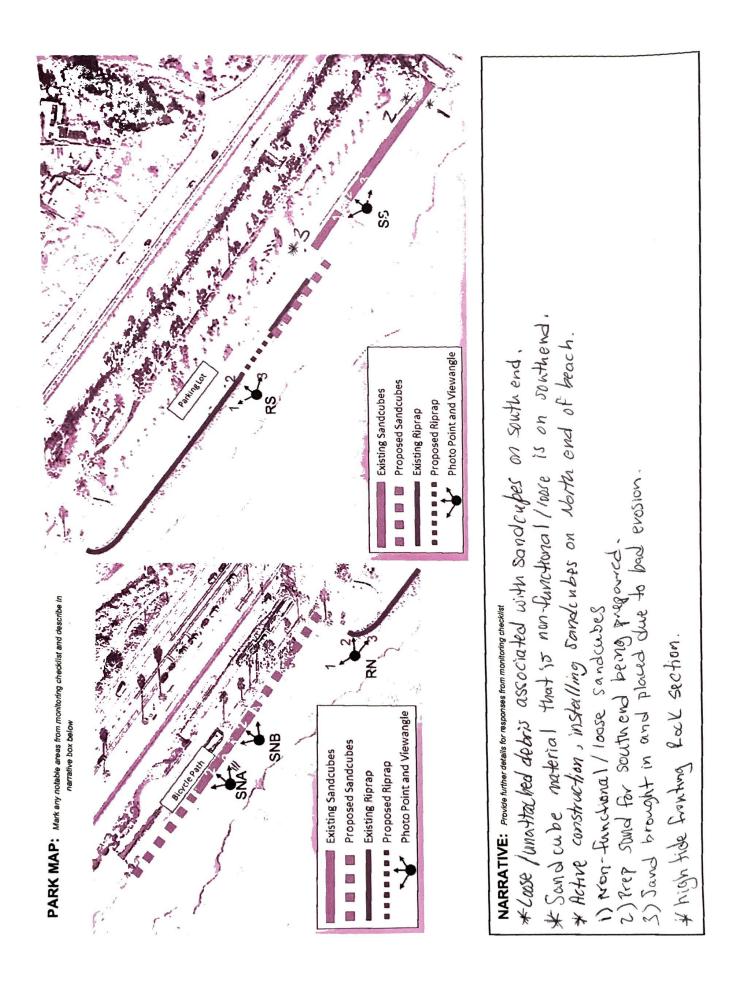
		Monitoring Form		1 Please Print
N/1::	• Inspect the Sandcu	bes No Less than Once per Week at All Locations	Observer Name:	,
Minimum Monitoring	from both Beach and Landward Sides from both Beach and Landward Sides nitoring Inspect the Rock No Less than Once per Week during Summer Obsv. Date: Months (May through September) and Once per Month during the Months (May through September) and Once per Month during the			Year Month Day
				830
Requirements	Rest of the Year (C Beach and Landwa	rd Sides		
Wind Conditions Grade One	ons: Sunny Cloud	derate Strong Wave Breaker Height Wave Period (sec):	9	2.2 20 20 20 20 20 20 20 20 20 20 20 20 20
Circ Tide Level: 0	le One	Wave Angle at Breake Draw Line on Protractor at Right to Estimate Direction Relative to Shore	£-98	
	6 Augilable Recreati	onal Beach Width Fronting Parking Area (f	t):	17.5 ft
SANDCUBE	ES MONITORING	CHECKLIST: Use Map on Back to Denote Any Areas in	n need of Repair, Replac	ement or Further Inspection
		rectly Associated with Sandcubes?		A TES DING
A. Any Lococ of	f Debris / Sandcube	Material that is Non-Functional or Loose?		」YES 文 NO
		XTEARS/HOLES XSLUMPING XFILL DISLO	DGED XNO LON	GER HELD IN PLACE BY STRAI
	outh-end Sandcubes	STEARS/HOLES JSLUMPING JFILL DISLO		GER HELD IN PLACE BY STRAI
D. Condition of No.	orth-end Sandcubes			If so, how many? $x \times y$
E. Are Any Sandco	ubes Fully or Mostly	Exposed (Not correct a)		
F. Were Photos Ta	aken? (At a minimun	n, from photo points shown on map)		YES TNO
		LIST: Use Map on Back to Denote Dislodged Rock, Scour, J	Any Areas in need of R	South:~125 Z North:~65 lepair, Replacement, or Further Inspection
	k Displaced from Ro		unks displaced	YES T NO
	State of the second	Upcoast or Downcoast of Rock Section?	2 - 2 - 2 2	X YES 🗆 NO
and the second stand of the second processing of the second second second second second second second second s	an a	g or Upcoast or Downcoast of Rock Secti		
		from photo points shown on map)		XYES UNO
2	1	· · · ·	an de la companya de	



NARRATIVE: Provide further details for responses from monitoring checklist A. Small chunks of rock dislodged B. Evidence on sand of water sloshing up here C. Scraps of debris associated with sand cubes

Monitoring Form

						1 Please Print
Minimum	Minimum • Inspect the Sandcubes No Less than Once per Week at All Locations from both Beach and Landward Sides Observer Name Monitoring • Inspect the Rock No Less than Once per Week during Summer Months (May through September) and Once per Month during the Rest of the Year (October through April) at All Locations from both Beach and Landward Sides Observer Name Requirements • Inspect the Sandcubes No Less than Once per Week during Summer Months (May through September) and Once per Month during the Rest of the Year (October through April) at All Locations from both Beach and Landward Sides • Obsv. Date:			Austin Burke		
				Year Month Day		
Requirements				0740		
BEACH	HOBSERVATIONS	Please Fill Out				
Wind Conditions		derate Strong	Wave Breaker I	Height (ft):	OZ	
Weather Conditio	ons: Sunny Cloudy		Wave Period (s	ec):		\$4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Wave Angle at Draw Line on Protractor		11111111111111111111111111111111111111	88
Tide Level: 0	t Riptid	e Present? YN	Estimate Direction Relati			e e e e e e e e e e e e e e e e e e e
Approximation	of Available Recreati	onal Beach Width Fro	onting Parking	Area (ft):	35 F	t
SANDCUBES MONITORING CHECKLIST: Use Map on Back to Denote Any Areas in need of Repair, Replacement or Further Inspection						
A. Any Loose or	Unattached Debris Di	rectly Associated wit	h Sandcubes?			XYES INO *
B. Any Removal	B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?					
C. Condition of S	C. Condition of South-end Sandcubes ATEARS/HOLES ASLUMPING FILL DISLODGED ONO LONGER HELD IN PLACE BY STRAP					GER HELD IN PLACE BY STRAP
D. Condition of N	lorth-end Sandcubes	DTEARS/HOLES DS	LUMPING DEFILI	L DISLODG		GER HELD IN PLACE BY STRAP
E. Are Any Sando	cubes Fully or Mostly	Exposed (Not Covere	ed by Sand)?	X YES	<i>□ NO</i>	If so, how many?
F. Were Photos Taken? (At a minimum, from photo points shown on map)					YES D NO	
North: -40 South: -130 BOCK MONITORING CHECKLIST: Use Map on Back to Denote Dislodged Rock, Scour, Any Areas in need of Repair, Replacement, or Further Inspection						
G. Any Armor Rock Displaced from Rock Section?						
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?				DYES X NO		
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?						
J. Were Photos Taken? (At a minimum, from photo points shown on map)			YES 🗆 NO			
×	See notes on b	back				



NEW CONTRACTOR AND A CONTRACTOR OF CONTRACTOR

Monitoring Form

			1 Please Print
Minimum	 Inspect the Sandcubes No Less than Once per Week at All Locations from both Beach and Landward Sides 	Observer Name:	Megan V.
Monitoring	 Inspect the Rock No Less than Once per Week during Summer Months (May through September) and Once per Month during the 	Obsv. Date:	Year Month Day
Requirements	Rest of the Year (October through April) at <i>All Locations</i> from both Beach and Landward Sides	Obsv. Time:	815

BEACH OBSERVATIONS: Please Fill Out

	Rain Other Wave Period (s Wave Angle at Draw Line on Protractor Estimate Direction Relation	Breaker: at Right to ive to Shoreline Shoreline	88 83 83 83 83 83 83 83 83 83 83 83 83 8		
Approximation of Available Recreational Beach Width Fronting Parking Area (ft): 45 FL					
SANDCUBES MONITORING C	HECKLIST: Use Map on Back to Denote A	ny Areas in need of Repair, Repla	cement or Further Inspection		
A. Any Loose or Unattached Debris Dire	ectly Associated with Sandcubes?		XYES _ NO		
B. Any Removal of Debris / Sandcube M					
C. Condition of South-end Sandcubes	C. Condition of South-end Sandcubes XTEARS/HOLES XSLUMPING XFILL DISLODGED XNO LONGER HELD IN PLACE BY STRAI				
D. Condition of North-end Sandcubes					
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)? XYES UNO If so, how many?					
F. Were Photos Taken? (At a minimum,	YES NO				
ROCK MONITORING CHECKL	IST: Use Map on Back to Denote Dislodged Rock	k, Scour, Any Areas in need of Re	North:~40 South:~130		
G. Any Armor Rock Displaced from Rock	I YES XNO				
H. Any Indications of Scour Fronting or I	TYES X NO				
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?					
J. Were Photos Taken? (At a minimum,	X YES U NO				

