

CALIFORNIA COASTAL COMMISSION

SOUTH COAST DISTRICT OFFICE
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LONG BEACH, CA 90802-4325
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FAX (562) 590-5084



F7a

ADDENDUM

August 9, 2021

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 underline.

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.

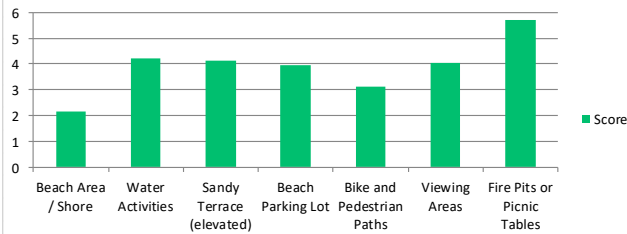
II. PUBLIC CORRESPONDENCE

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.

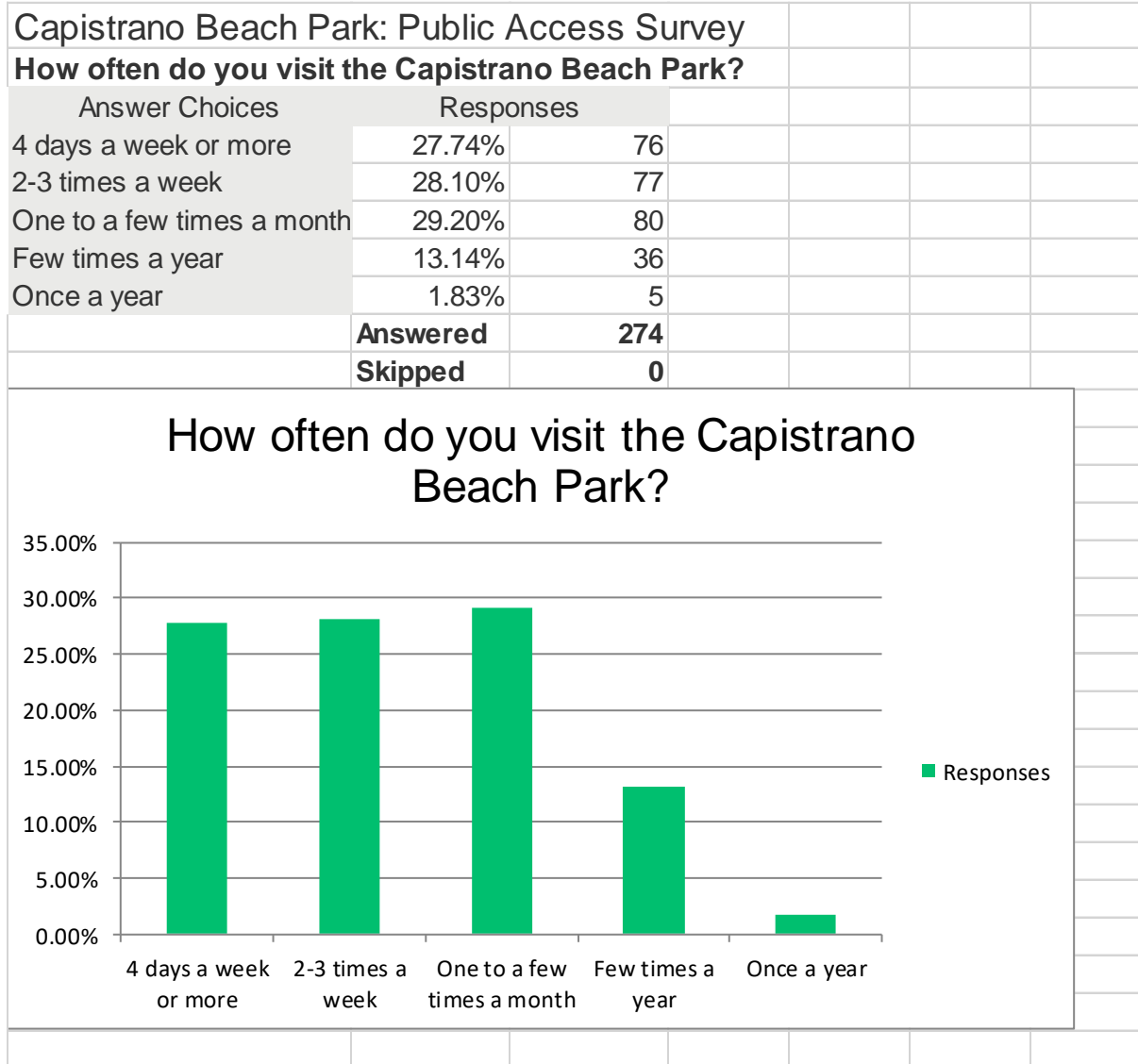
Question 1

Capistrano Beach Park: Public Access Survey																
How would you rank the value of Capistrano Beach County Park's public access and recreation amenities? Please rank "1-7", with "1" being most valued.																
	1		2		3		4		5		6		7		Total	Score
Beach Area / Shore	57.14%	134	16.02%	37	8.23%	19	5.63%	13	2.60%	6	2.60%	6	6.93%	16	231	2.14
Water Activities	15.72%	36	12.23%	28	8.73%	20	13.54%	31	10.92%	25	11.35%	26	27.51%	63	229	4.23
Sandy Terrace (elevated)	13.27%	30	8.85%	20	13.72%	31	18.14%	41	19.91%	45	13.27%	30	12.83%	29	226	4.14
Beach Parking Lot	17.30%	41	15.19%	36	13.50%	32	9.28%	22	15.61%	37	11.39%	27	17.72%	42	237	3.96
Bike and Pedestrian Paths	25.00%	60	20.00%	48	18.33%	44	14.17%	34	7.08%	17	6.67%	16	8.75%	21	240	3.13
Viewing Areas	15.06%	36	13.39%	32	12.97%	31	12.55%	30	18.83%	45	12.55%	30	13.51%	35	239	4.03
Fire Pits or Picnic Tables	14.11%	35	9.27%	23	14.11%	35	13.31%	33	10.08%	25	19.35%	48	19.76%	49	248	5.71
															Answered	259
															Skipped	15

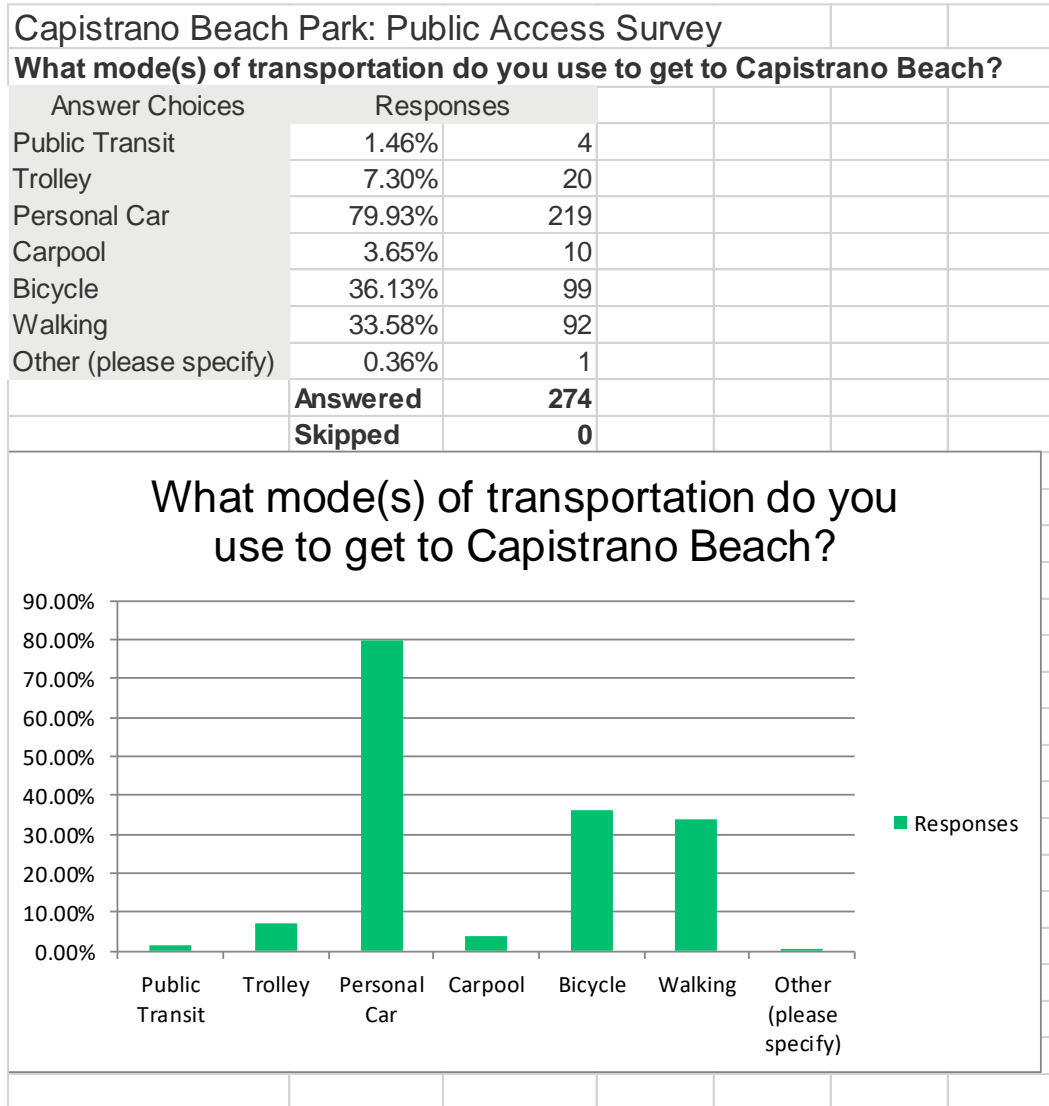
How would you rank the value of Capistrano Beach County Park's public access and recreation amenities? Please rank "1-7", with "1" being most valued.



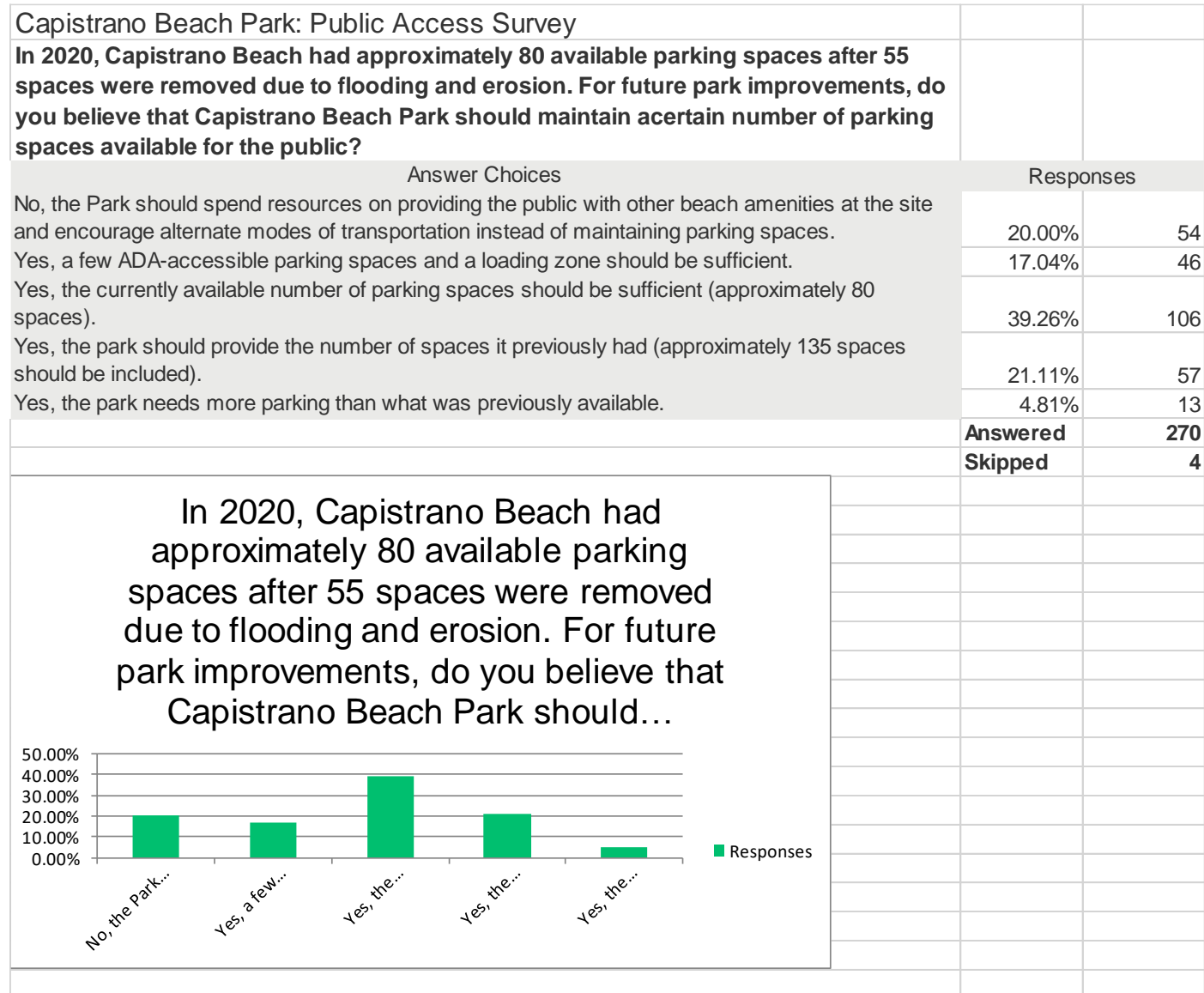
Question 2



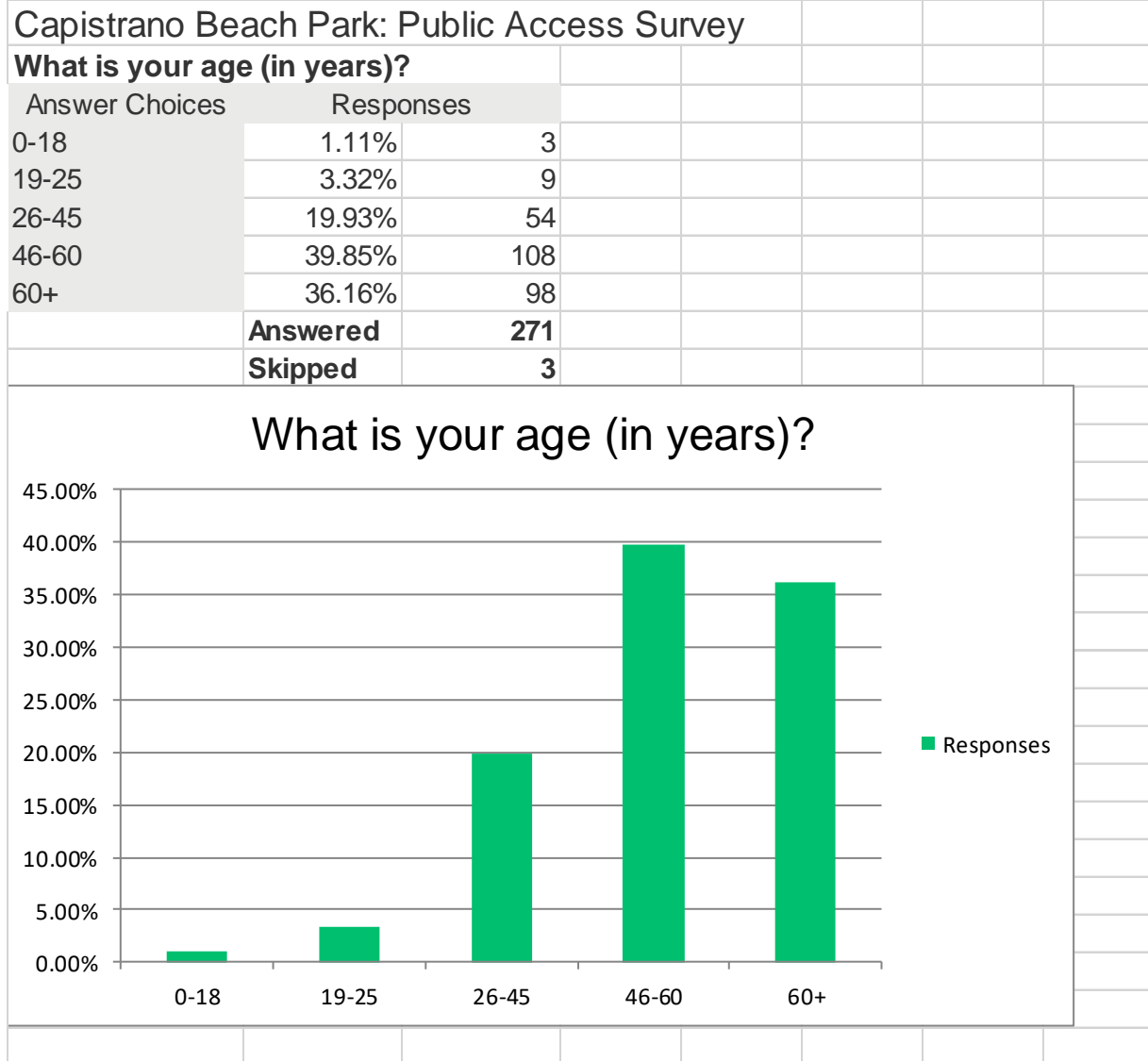
Question 3



Question 4



Question 5



Capistrano Beach Park: Public Access Survey

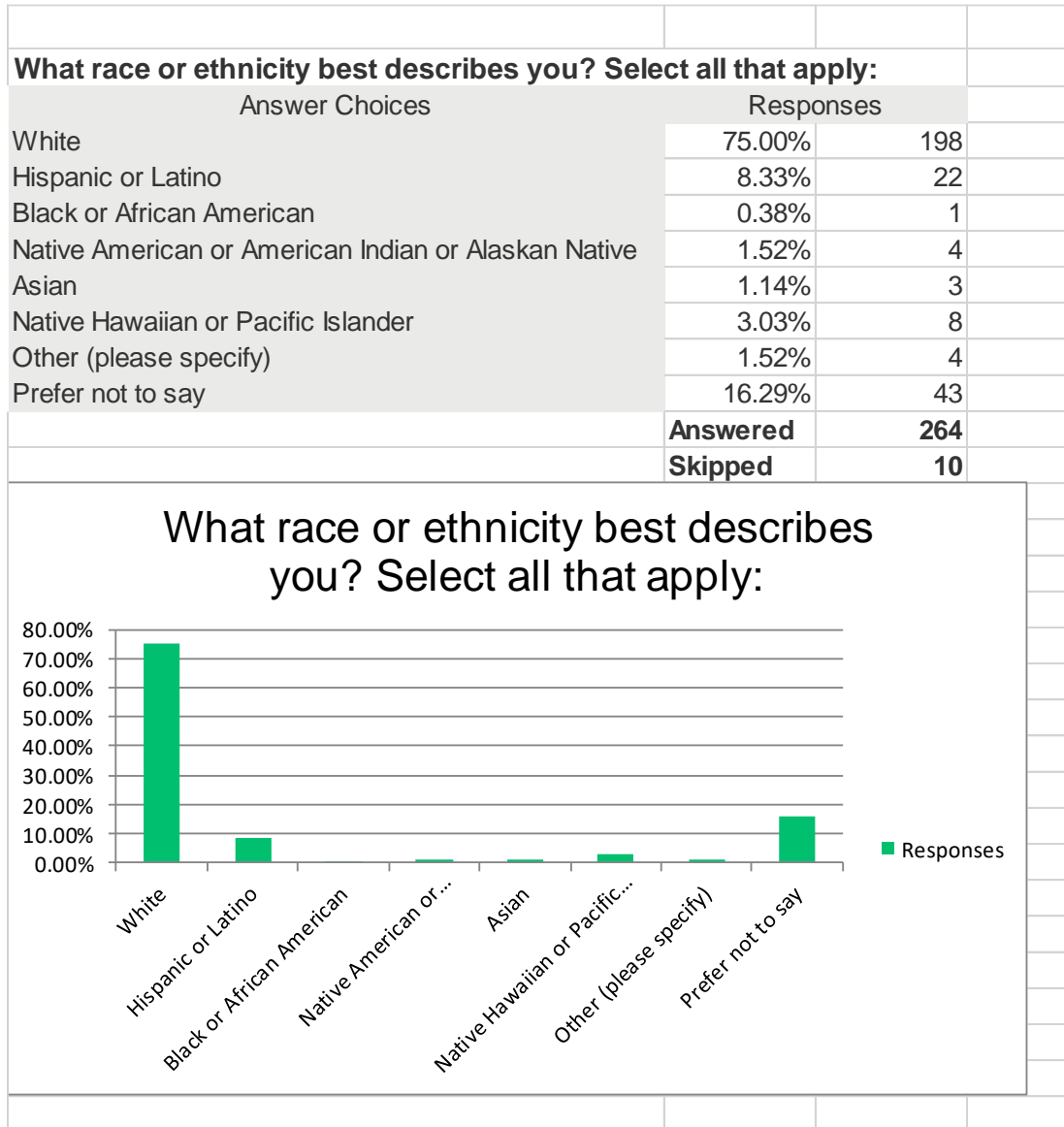
What is your home zip code?

Answered 265
Skipped 9

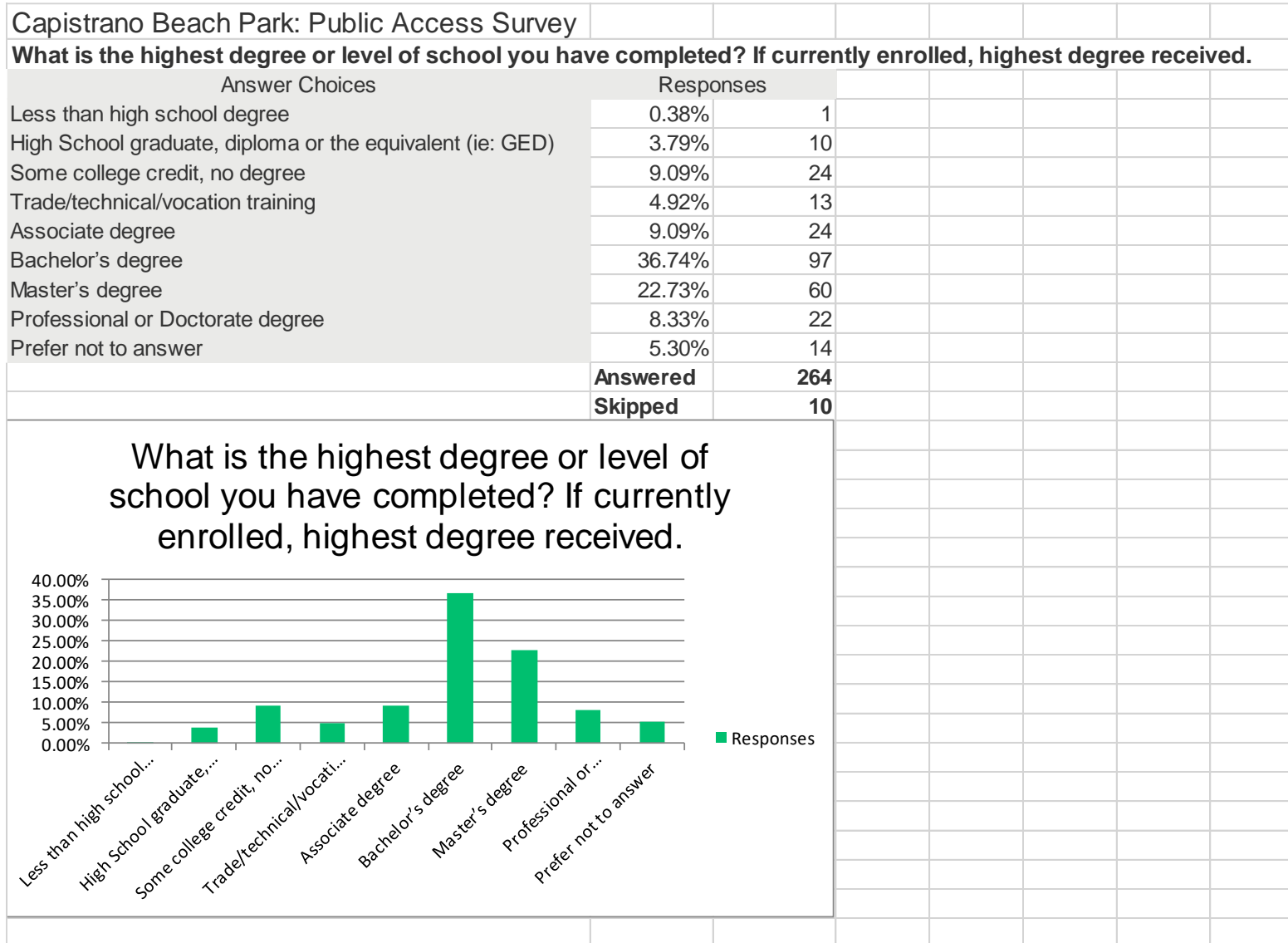
Respondents	Zip Code	City
1	92175	San Juan Capistrano
1	92603	Irvine, Newport Beach
1	92615	Huntington Beach
1	92620	Irvine
57	92624	Dana Point, San Juan Capistrano
40	92629	Dana Point
3	92630	Lake Forest
1	92637	Laguna Woods, Laguna Hills, Aliso Viejo, Irvine
9	92651	Laguna Beach
3	92653	Laguna Hills,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

8	92691	Mission Viejo, Lake Forest, Galivan
7	92692	Mission Viejo, Rancho Santa Margarita
8	92694	Ladera Ranch, Rancho 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

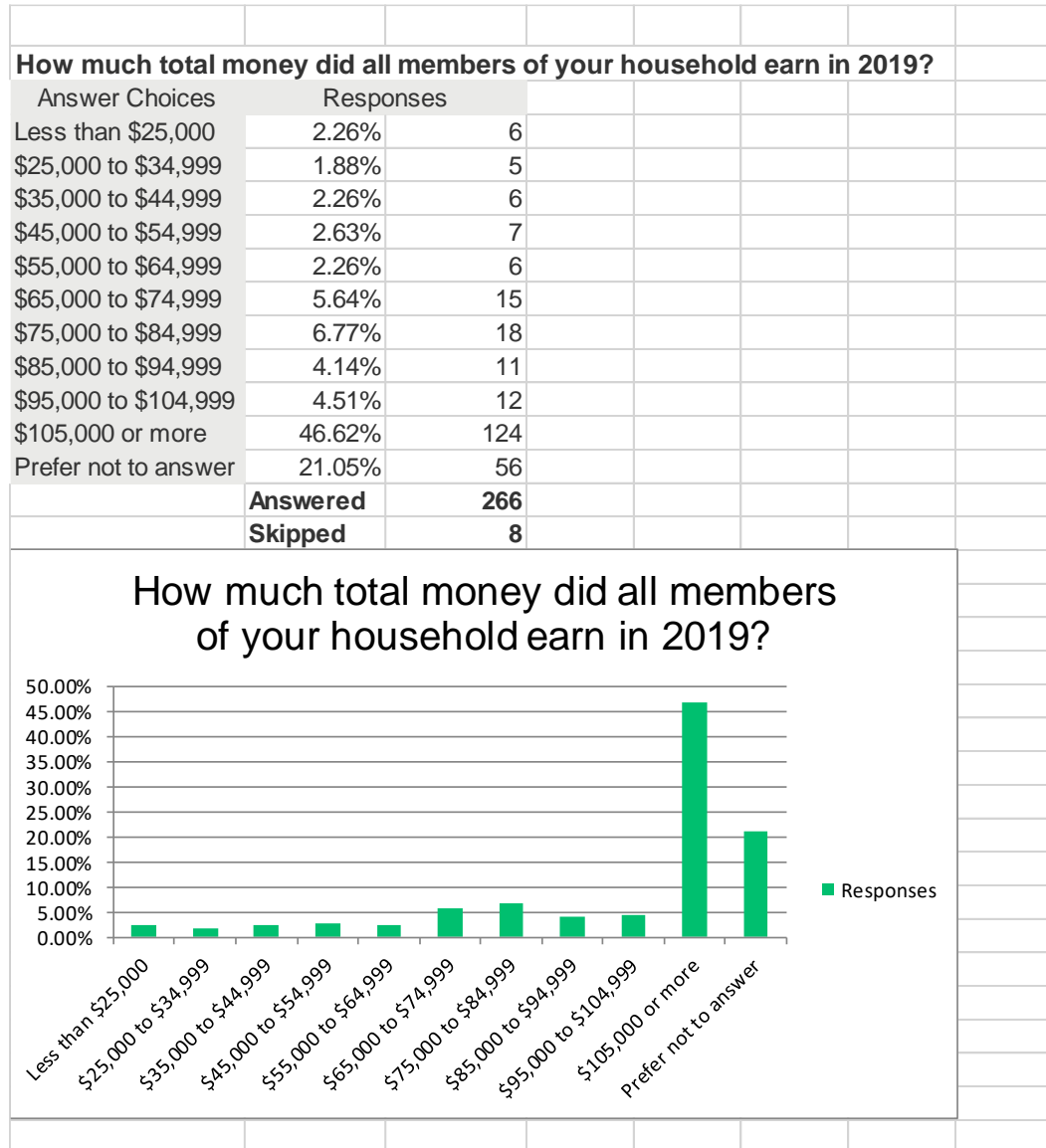
Question 7



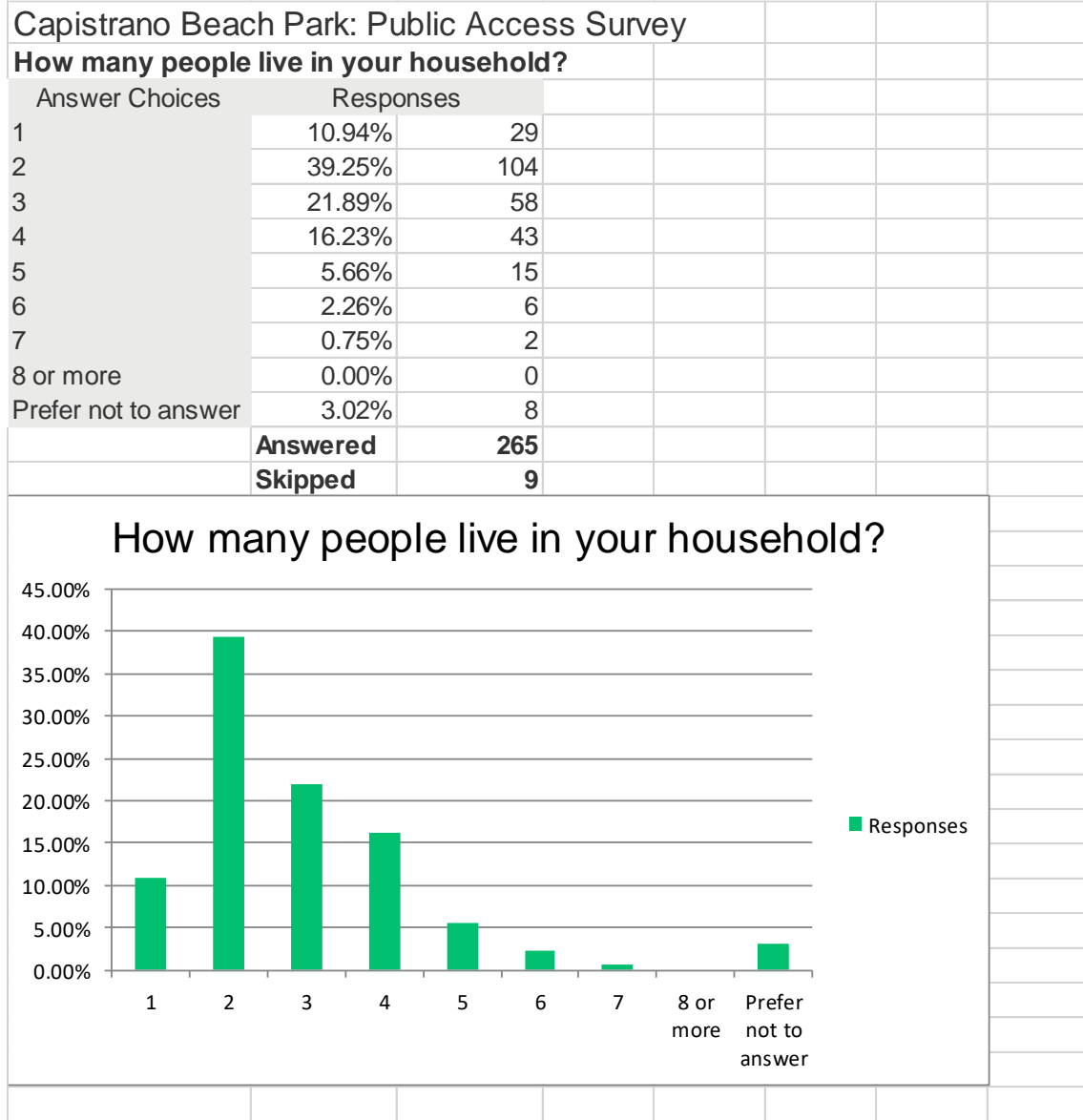
Question 8



Question 9



Question 10

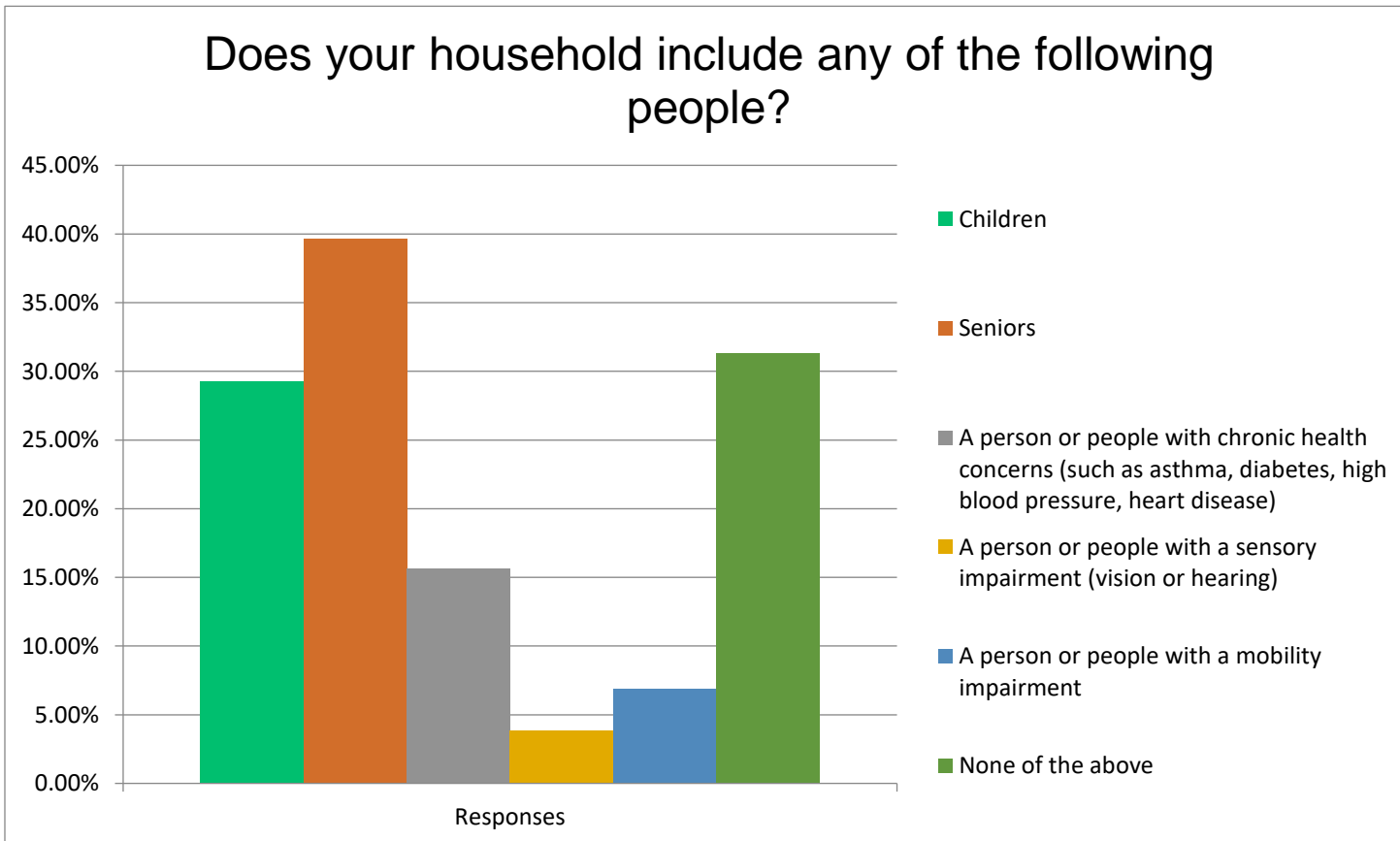


Question 11

Capistrano Beach Park: Public Access Survey

Does your household include any of the following people?

Answer Choices	Responses	
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
Skipped		12



Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements	<ul style="list-style-type: none"> Inspect the Sandcubes No Less than <i>Once per Week</i> at All Locations from both Beach and Landward Sides Inspect the Rock No Less than <i>Once per Week</i> during Summer Months (May through September) and <i>Once per Month</i> during the Rest of the Year (October through April) at All Locations from both Beach and Landward Sides 	Observer Name: <u>Alisa Muniz</u>
		Obsv. Date: Year <u>21</u> Month <u>06</u> Day <u>03</u>
		Obsv. Time: <u>11</u> <u>40</u>

2 BEACH OBSERVATIONS: Please Fill Out

Wind Conditions: <small>Circle One</small>	None <u>Light</u> Moderate Strong
Weather Conditions: <small>Circle One</small>	Sunny <u>Cloudy</u> Rain Other
Tide Level: <small>Use Tide App</small>	<u>2.3</u> ft
Riptide Present?	<u>Y/N</u>

Wave Breaker Height (ft): <u>2</u>	
Wave Period (sec): <u>18</u>	
Wave Angle at Breaker: <u>80°</u> <small>Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline</small>	

Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

40

3 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 Directly Associated with Sandcubes?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Condition of South-end Sandcubes	<input checked="" type="checkbox"/> TEARS/HOLES <input checked="" type="checkbox"/> SLUMPING <input checked="" type="checkbox"/> FILL DISLODGED <input checked="" type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
D. Condition of North-end Sandcubes	<input type="checkbox"/> TEARS/HOLES <input type="checkbox"/> SLUMPING <input type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If so, how many? <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
F. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

4 ROCK 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?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> HIGH <input type="checkbox"/> LOW <input checked="" type="checkbox"/> NONE
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

* see notes on back

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



NARRATIVE: Provide further details for responses from monitoring checklist

- ① multiple torn geocubes, one with filling dislodged (see photos)
- ② numerous geocubes were torn, slumping, with missing filling; scouring evident on downcoast end of southern cubes (see photos)

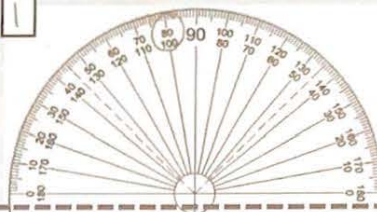

Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements	<ul style="list-style-type: none"> Inspect the <i>Sandcubes</i> No Less than <i>Once per Week</i> at <i>All Locations</i> from both Beach and Landward Sides Inspect the <i>Rock</i> No Less than <i>Once per Week</i> during Summer Months (May through September) and <i>Once per Month</i> during the Rest of the Year (October through April) at <i>All Locations</i> from both Beach and Landward Sides 	Observer Name: <u>Jessica Calvillo</u>
		Obsv. Date: Year <u>21</u> Month <u>06</u> Day <u>10</u>
		Obsv. Time: <u>0700</u> <u>am</u>

2 BEACH OBSERVATIONS: Please Fill Out

Wind Conditions: <small>Circle One</small> None <u>Light</u> Moderate Strong	Wave Breaker Height (ft): <u>1</u>
Weather Conditions: <small>Circle One</small> <u>Sunny</u> Cloudy Rain Other	Wave Period (sec): <u>14</u>
Tide Level: <small>Use Tide App</small> <u>2</u> . <u>00</u> ft	Wave Angle at Breaker: <small>Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline</small> 
Riptide Present? <u>Y</u> / <u>N</u>	Shoreline: 

Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

80ft

3 SANDCUBES MONITORING CHECKLIST: Use Map on Back to Denote Any Areas in need of Repair, Replacement or Further Inspection

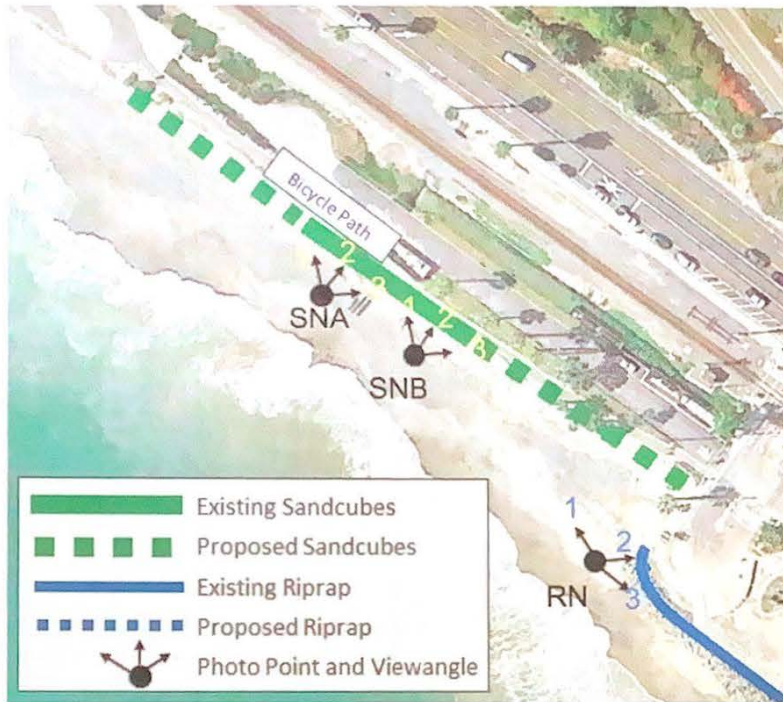
A. Any Loose or Unattached Debris Directly Associated with Sandcubes?	<input checked="" type="checkbox"/> YES* <input type="checkbox"/> NO
B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?	<input checked="" type="checkbox"/> YES* <input type="checkbox"/> NO
C. Condition of South-end Sandcubes	<input checked="" type="checkbox"/> TEARS/HOLES <input checked="" type="checkbox"/> SLUMPING <input checked="" type="checkbox"/> FILL DISLODGED <input checked="" type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
D. Condition of North-end Sandcubes	<input type="checkbox"/> TEARS/HOLES <input type="checkbox"/> SLUMPING <input type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If so, how many? <u>X</u> <u>X</u>
F. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

4 ROCK 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?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> HIGH <input type="checkbox"/> LOW <input checked="" type="checkbox"/> NONE
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

North ~ 65°
 South ~ 100°

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



NARRATIVE: Provide further details for responses from monitoring checklist

- ① Similar to last week: Multiple torn sand cubes, one with filling dislodged (see photos).
- ② Similar to last week: Numerous sandcubes were torn, slumping, with missing filling; scouring evident on downcoast end of southern cubes (see photos).

Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements	<ul style="list-style-type: none"> Inspect the Sandcubes No Less than <i>Once per Week</i> at <i>All Locations</i> from both Beach and Landward Sides Inspect the Rock No Less than <i>Once per Week</i> during Summer Months (May through September) and <i>Once per Month</i> during the Rest of the Year (October through April) at <i>All Locations</i> from both Beach and Landward Sides 	Observer Name: <u>Anstin Burke</u>
		Obsv. Date: Year <u>21</u> Month <u>06</u> Day <u>17</u>
		Obsv. Time: <u>0900</u>

2 BEACH OBSERVATIONS: Please Fill Out

Wind Conditions: <small>Circle One</small> None Light <u>Moderate</u> Strong	Wave Breaker Height (ft): <u>02</u> Wave Period (sec): <u>11</u> Wave Angle at Breaker: <small>Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline</small>	
Weather Conditions: <small>Circle One</small> Sunny <u>Cloudy</u> Rain Other		
Tide Level: <small>Use Tide App</small> <u>00.88</u> ft	Riptide Present? <u>YIN</u>	

Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

38

3 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 Directly Associated with Sandcubes?	*	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?	*	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
C. Condition of South-end Sandcubes	<input checked="" type="checkbox"/> TEARS/HOLES <input checked="" type="checkbox"/> SLUMPING <input checked="" type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP		
D. Condition of North-end Sandcubes	<input type="checkbox"/> TEARS/HOLES <input type="checkbox"/> SLUMPING <input type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP		
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	If so, how many? <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
F. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

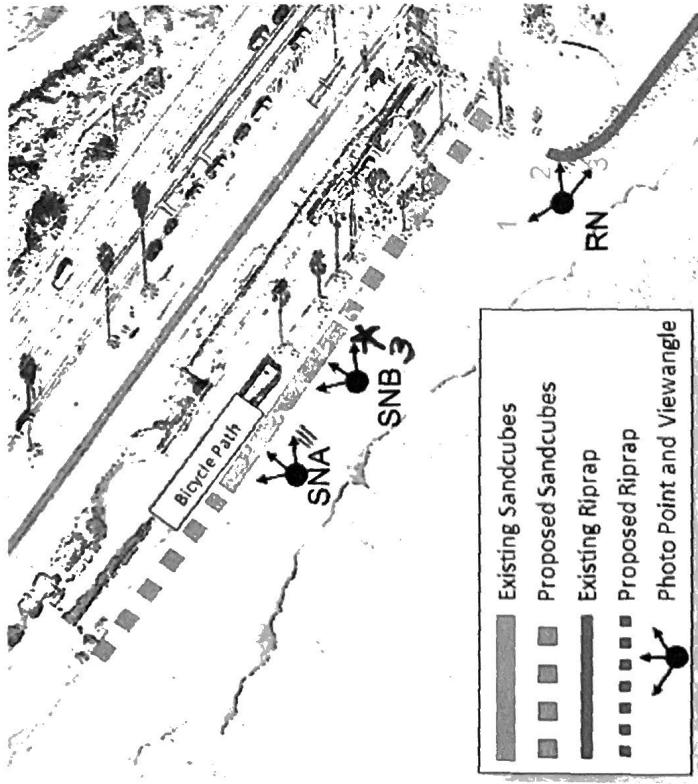
South: ~ 125
North: ~ 65

4 ROCK 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?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> HIGH	<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> NONE
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

* See notes on back.

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



NARRATIVE: Provide further details for responses from monitoring checklist

- 1) Multiple tern geocubes, slumping, and fill dislodged.
- 2) Tern geocube with fill dislodged.
- 3) Exposed geocubes.

Incidental 15:
CORP
WEGU

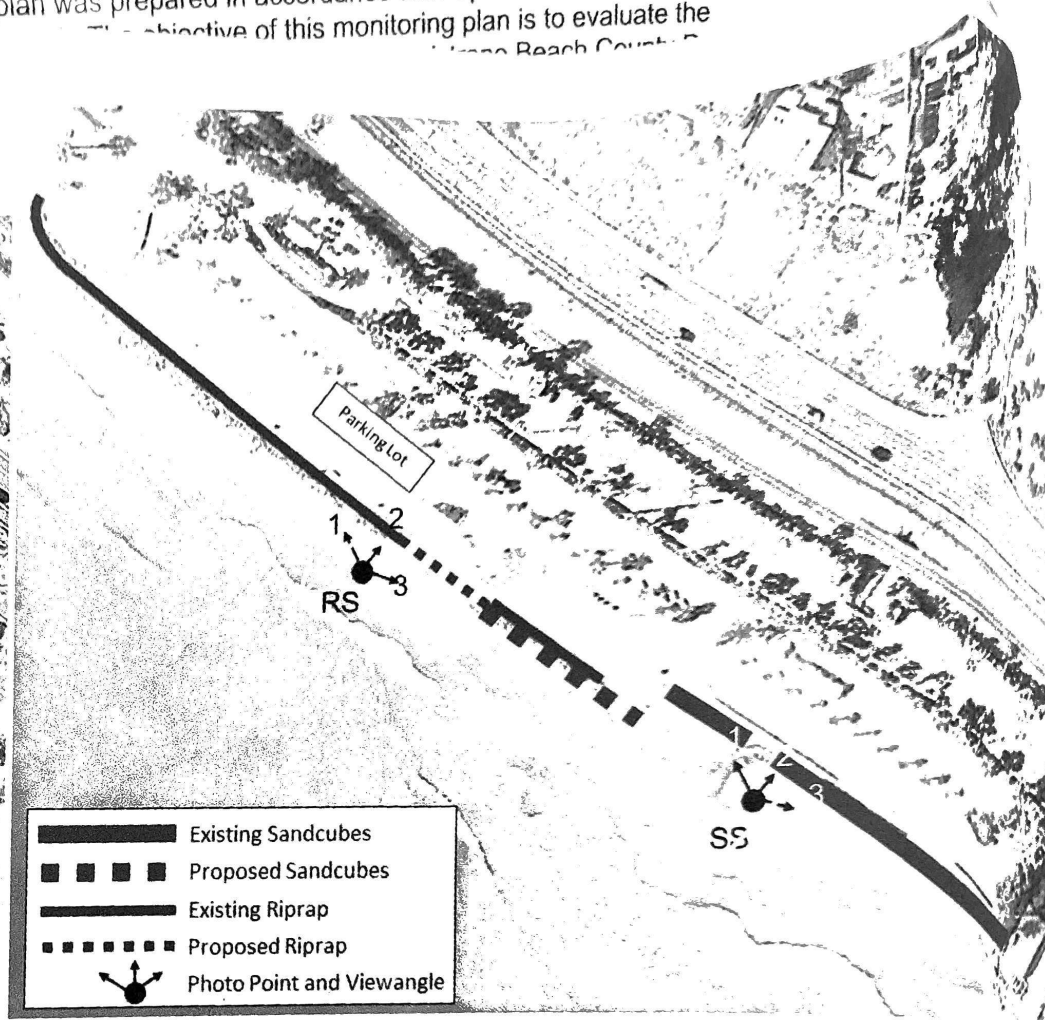
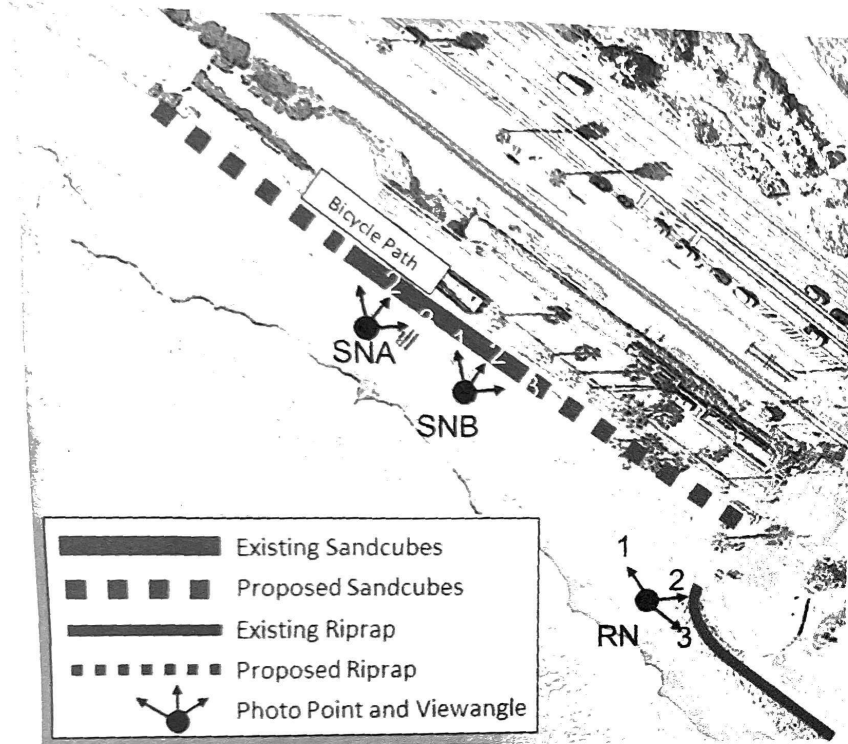
1 Please Print

2 BEACH OBSERVATIONS: *Please Fill Out*

Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

G. Any Armor Rock Displaced from Rock Section?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> HIGH <input type="checkbox"/> LOW <input checked="" type="checkbox"/> NONE
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



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 tide the last few nights
- A few small boulders are dislodged from armor rock

Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements

- Inspect the Sandcubes No Less than Once per Week at All Locations 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

Observer Name:

Megan V.

Obsv. Date:

Year: 21 Month: 07 Day: 01

Obsv. Time:

08:30

2 BEACH OBSERVATIONS: Please Fill Out

Wind Conditions:
Circle One

None | Light | Moderate | Strong

Weather Conditions:
Circle One

Sunny | Cloudy | Rain | Other

Tide Level:

Use Tide App

01.00 ft

Riptide Present?

NO

Wave Breaker Height (ft):

01

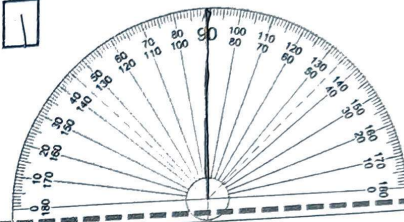
Wave Period (sec):

19

Wave Angle at Breaker:

Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline

Shoreline



Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

17.5 ft

3 SANDCUBES MONITORING CHECKLIST: Use Map on Back to Denote Any Areas in need of Repair, Replacement or Further Inspection

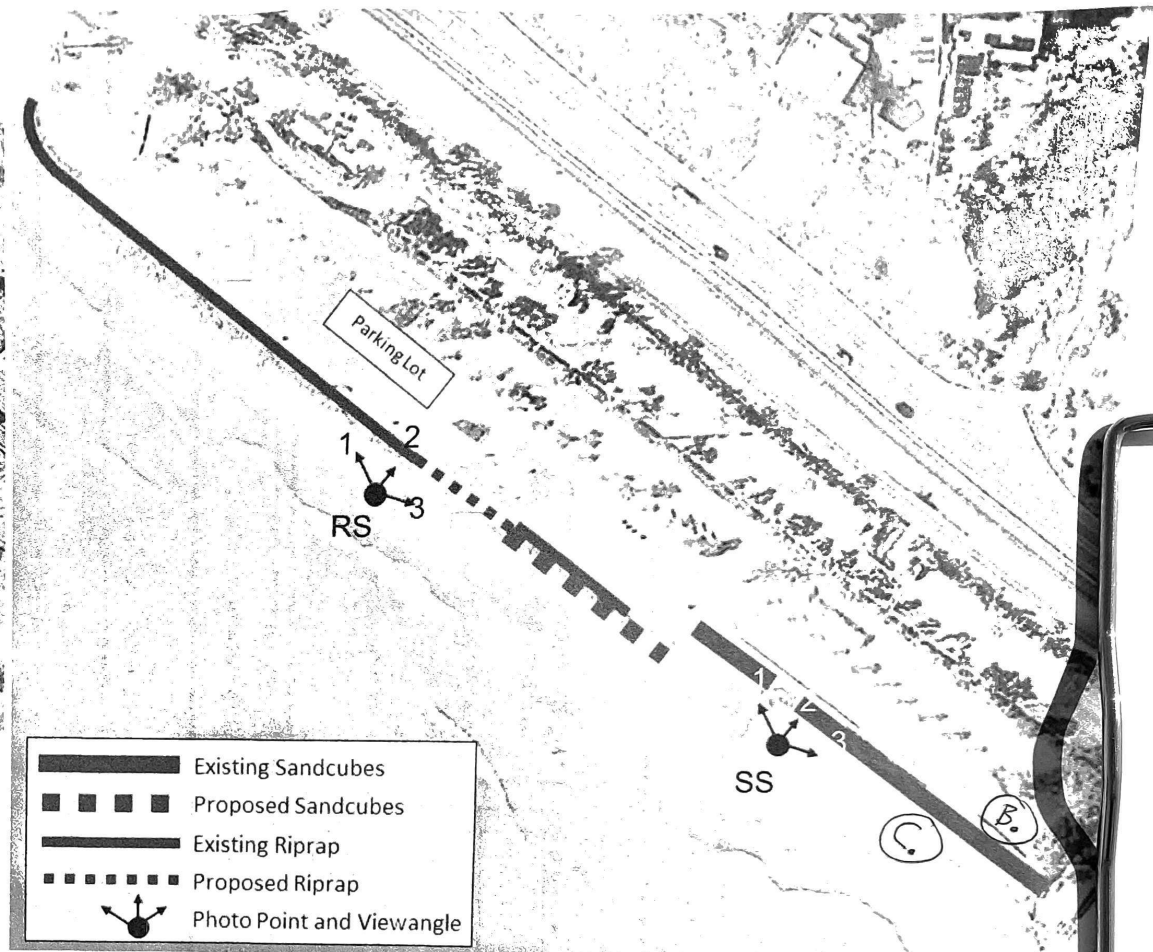
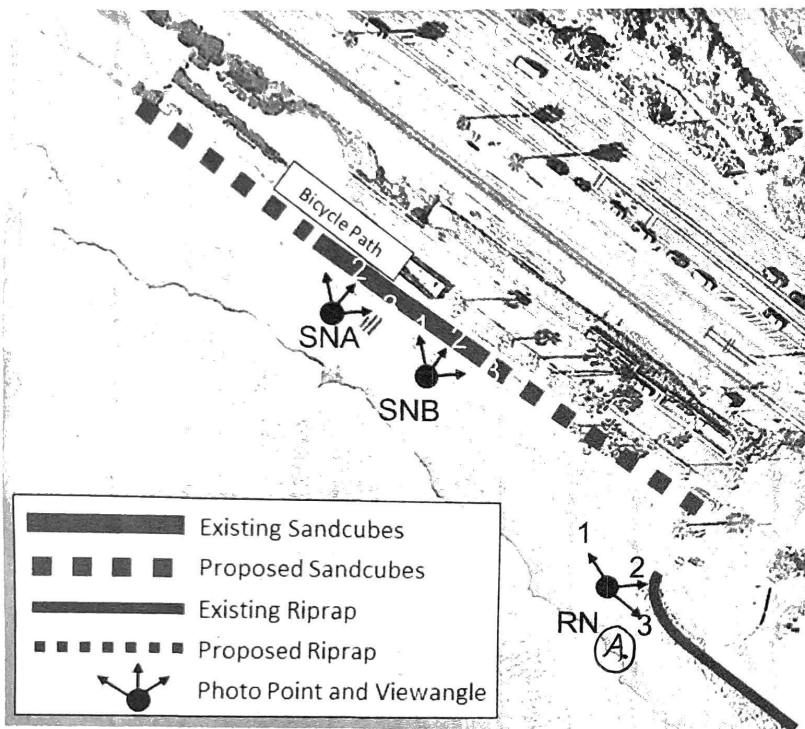
- A. Any Loose or Unattached Debris Directly Associated with Sandcubes? ☒ YES ☐ NO
- B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose? ☐ YES ☒ NO
- C. Condition of South-end Sandcubes ☒ TEARS/HOLES ☒ SLUMPING ☒ FILL DISLODGED ☒ NO LONGER HELD IN PLACE BY STRAI
- D. Condition of North-end Sandcubes ☒ TEARS/HOLES ☐ SLUMPING ☐ FILL DISLODGED ☐ NO LONGER HELD IN PLACE BY STRAI
- E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)? ☒ YES ☐ NO If so, how many? ☒ ☒
- F. Were Photos Taken? (At a minimum, from photo points shown on map) ☒ YES ☐ NO

South: ~125
North: ~65

4 ROCK 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? * small chunks displaced ☒ YES ☐ NO
- H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section? ☒ YES ☐ NO
- I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section? ☐ HIGH ☐ LOW ☒ NONE
- J. Were Photos Taken? (At a minimum, from photo points shown on map) ☒ YES ☐ NO

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



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

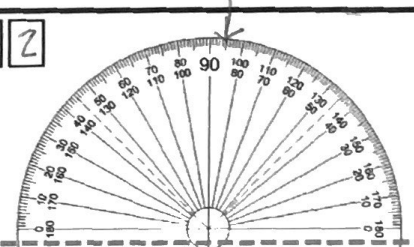
Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements	<ul style="list-style-type: none"> Inspect the <i>Sandcubes</i> No Less than <i>Once per Week</i> at <i>All Locations</i> from both Beach and Landward Sides Inspect the <i>Rock</i> No Less than <i>Once per Week</i> during Summer Months (May through September) and <i>Once per Month</i> during the Rest of the Year (October through April) at <i>All Locations</i> from both Beach and Landward Sides 	Observer Name:	Austin Burke
		Obsv. Date:	<div style="display: flex; justify-content: space-between;"> Year Month Day </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 20px; text-align: center;">2</div> <div style="border: 1px solid black; width: 20px; text-align: center;">1</div> <div style="border: 1px solid black; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; width: 20px; text-align: center;">7</div> <div style="border: 1px solid black; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; width: 20px; text-align: center;">9</div> </div>
		Obsv. Time:	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 20px; text-align: center;">0</div> <div style="border: 1px solid black; width: 20px; text-align: center;">7</div> <div style="border: 1px solid black; width: 20px; text-align: center;">4</div> <div style="border: 1px solid black; width: 20px; text-align: center;">0</div> </div>

2 BEACH OBSERVATIONS: Please Fill Out

<p>Wind Conditions: <small>Circle One</small></p> <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-around;"> None Light Moderate Strong </div> <p>Weather Conditions: <small>Circle One</small></p> <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-around;"> Sunny Cloudy Rain Other </div>	<p>Wave Breaker Height (ft): 02</p> <p>Wave Period (sec): 10</p> <p>Wave Angle at Breaker: <small>Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline</small></p> <div style="text-align: right;">  </div>
<p>Tide Level: <small>Use Tide App</small></p> <div style="display: flex; align-items: center;"> 0 2 1 7 ft </div>	<p>Riptide Present? YN</p>
<p>Approximation of Available Recreational Beach Width Fronting Parking Area (ft):</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 100px;">35 ft</div>	

3 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 Directly Associated with Sandcubes?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO *
B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO *
C. Condition of South-end Sandcubes	<input checked="" type="checkbox"/> TEARS/HOLES <input checked="" type="checkbox"/> SLUMPING <input checked="" type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
D. Condition of North-end Sandcubes	<input type="checkbox"/> TEARS/HOLES <input type="checkbox"/> SLUMPING <input type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAP
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If so, how many?
F. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

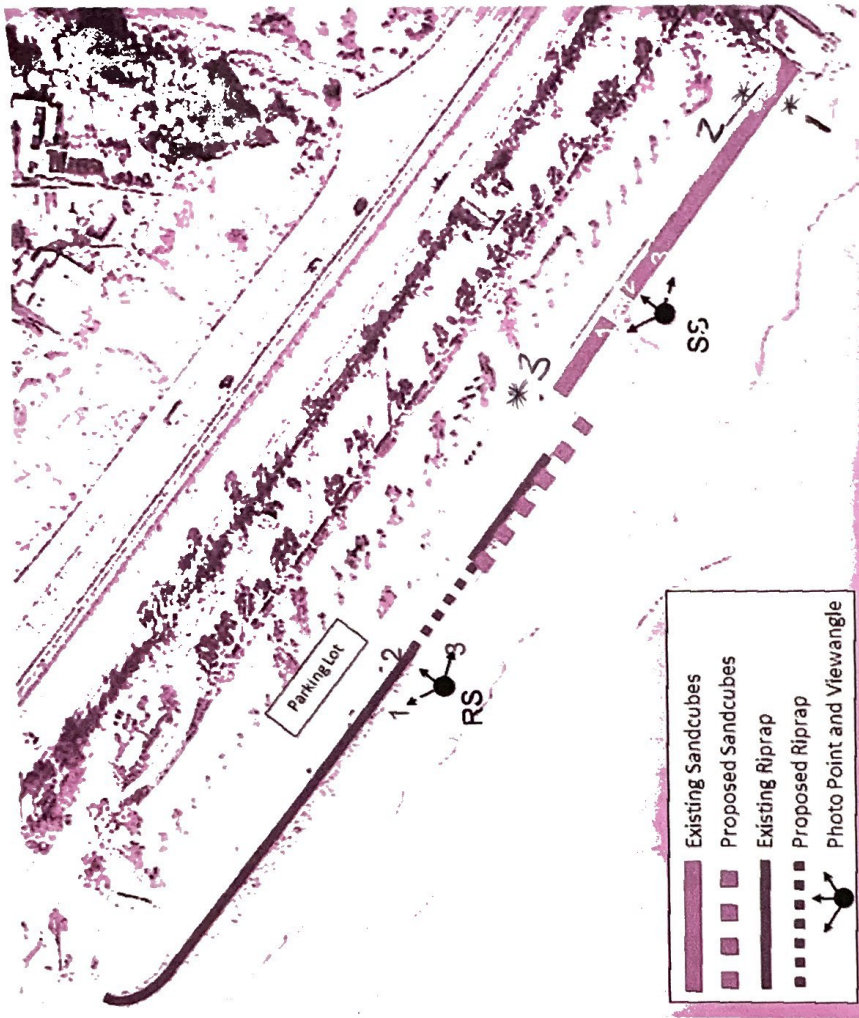
North: ~40
 South: ~130

4 ROCK 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?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input checked="" type="checkbox"/> HIGH <input type="checkbox"/> LOW <input type="checkbox"/> NONE *
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

* See notes on back.

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



NARRATIVE: Provide further details for responses from monitoring checklist

- * Loose/unattached debris associated with sandcubes on south end.
- * Sandcube material that is non-functional/loose is on south end.
- * Active construction, installing sandcubes on north end of beach.
- 1) Non-functional/loose sandcubes
- 2) Prep sand for south end being prepared.
- 3) Sand brought in and placed due to bad erosion.
- # high tide fringing rock section.

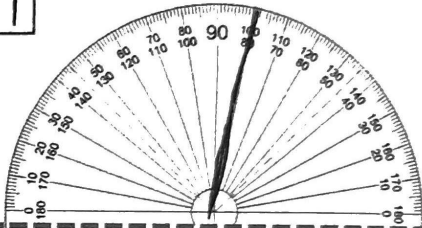
Capistrano Beach County Park

Monitoring Form

1 Please Print

Minimum Monitoring Requirements	<ul style="list-style-type: none">Inspect the Sandcubes No Less than <i>Once per Week</i> at <i>All Locations</i> from both Beach and Landward SidesInspect the Rock No Less than <i>Once per Week</i> during Summer Months (May through September) and <i>Once per Month</i> during the Rest of the Year (October through April) at <i>All Locations</i> from both Beach and Landward Sides	Observer Name:	Megan V.
		Obsv. Date:	Year: 2017 Day: 05
		Obsv. Time:	0815

2 BEACH OBSERVATIONS: Please Fill Out

Wind Conditions: <small>Circle One</small>	None <u>Light</u> Moderate Strong	Wave Breaker Height (ft):	01
Weather Conditions: <small>Circle One</small>	<u>Sunny</u> <u>Cloudy</u> Rain Other	Wave Period (sec):	13
Tide Level: <small>Use Tide App</small>	0.3 ft	Wave Angle at Breaker: <small>Draw Line on Protractor at Right to Estimate Direction Relative to Shoreline</small>	
	Riptide Present?	YN	

Approximation of Available Recreational Beach Width Fronting Parking Area (ft):

45 ft

3 SANDCUBES MONITORING CHECKLIST: Use Map on Back to Denote Any Areas in need of Repair, Replacement or Further Inspection

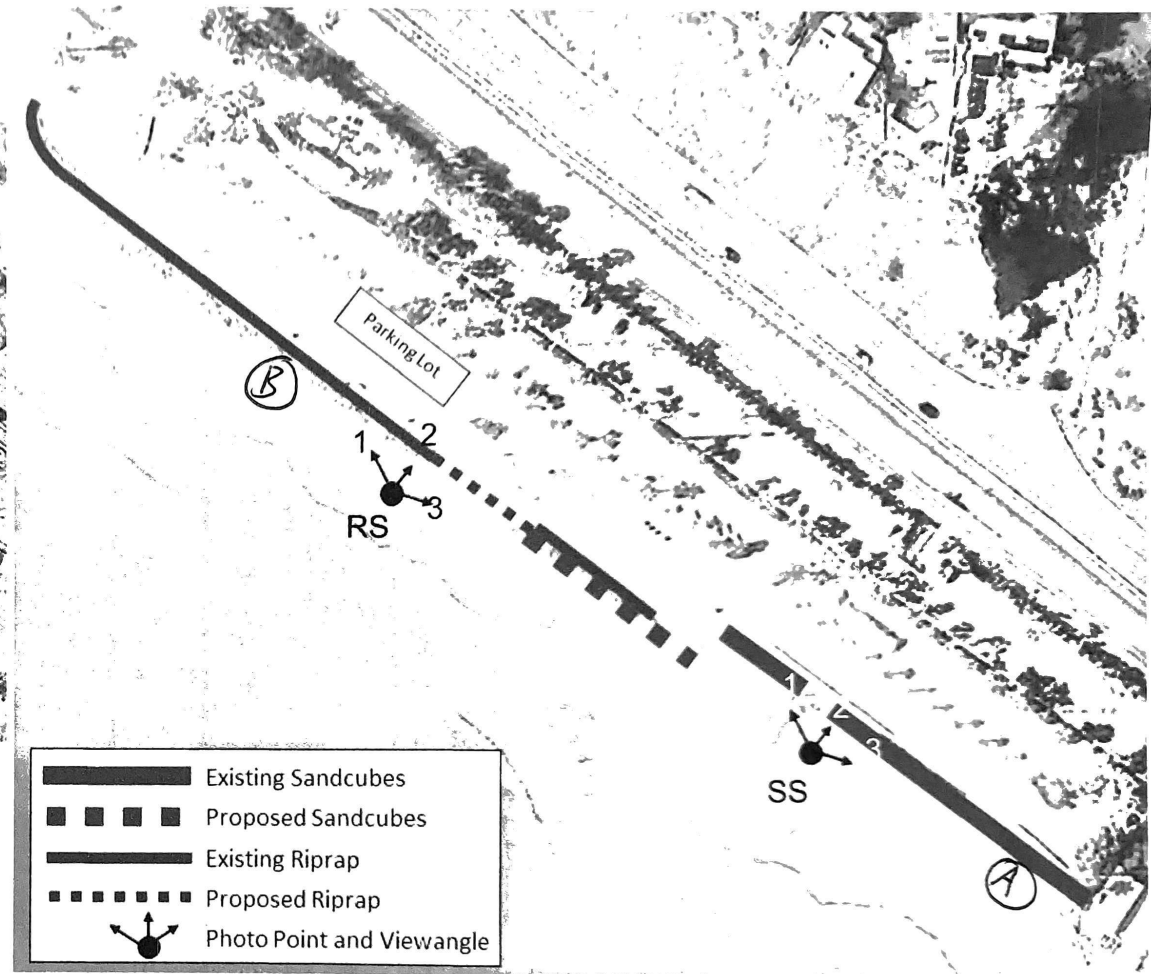
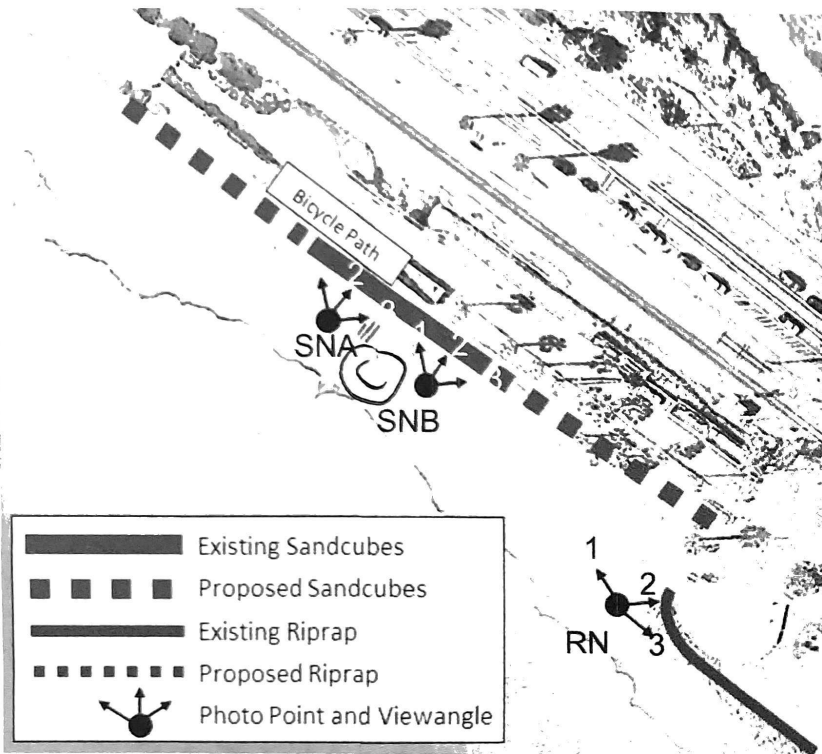
A. Any Loose or Unattached Debris Directly Associated with Sandcubes?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Any Removal of Debris / Sandcube Material that is Non-Functional or Loose?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Condition of South-end Sandcubes	<input checked="" type="checkbox"/> TEARS/HOLES <input checked="" type="checkbox"/> SLUMPING <input checked="" type="checkbox"/> FILL DISLODGED <input checked="" type="checkbox"/> NO LONGER HELD IN PLACE BY STRAIN
D. Condition of North-end Sandcubes	<input type="checkbox"/> TEARS/HOLES <input type="checkbox"/> SLUMPING <input type="checkbox"/> FILL DISLODGED <input type="checkbox"/> NO LONGER HELD IN PLACE BY STRAIN
E. Are Any Sandcubes Fully or Mostly Exposed (Not Covered by Sand)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
F. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

If so, how many? ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

4 ROCK 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?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Any Indications of Scour Fronting or Upcoast or Downcoast of Rock Section?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
I. Presence of Low or High Tide Fronting or Upcoast or Downcoast of Rock Section?	<input checked="" type="checkbox"/> HIGH <input type="checkbox"/> LOW <input type="checkbox"/> NONE
J. Were Photos Taken? (At a minimum, from photo points shown on map)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

PARK MAP: Mark any notable areas from monitoring checklist and describe in narrative box below



NARRATIVE: Provide further details for responses from monitoring checklist

- A. Sand cubes severely ripped + slumping
- B. Evidence of high tide fronting. Red streaking?
- C. Construction occurring, not safe for me to approach sandcubes to get a good look at them