



Yorke Peninsula's
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lifestyle location of choice

2021 SA Coastal Councils Forum

25 November 2021



North Beach Sand Drift Management Plan



North Beach Sand Drift Management Plan



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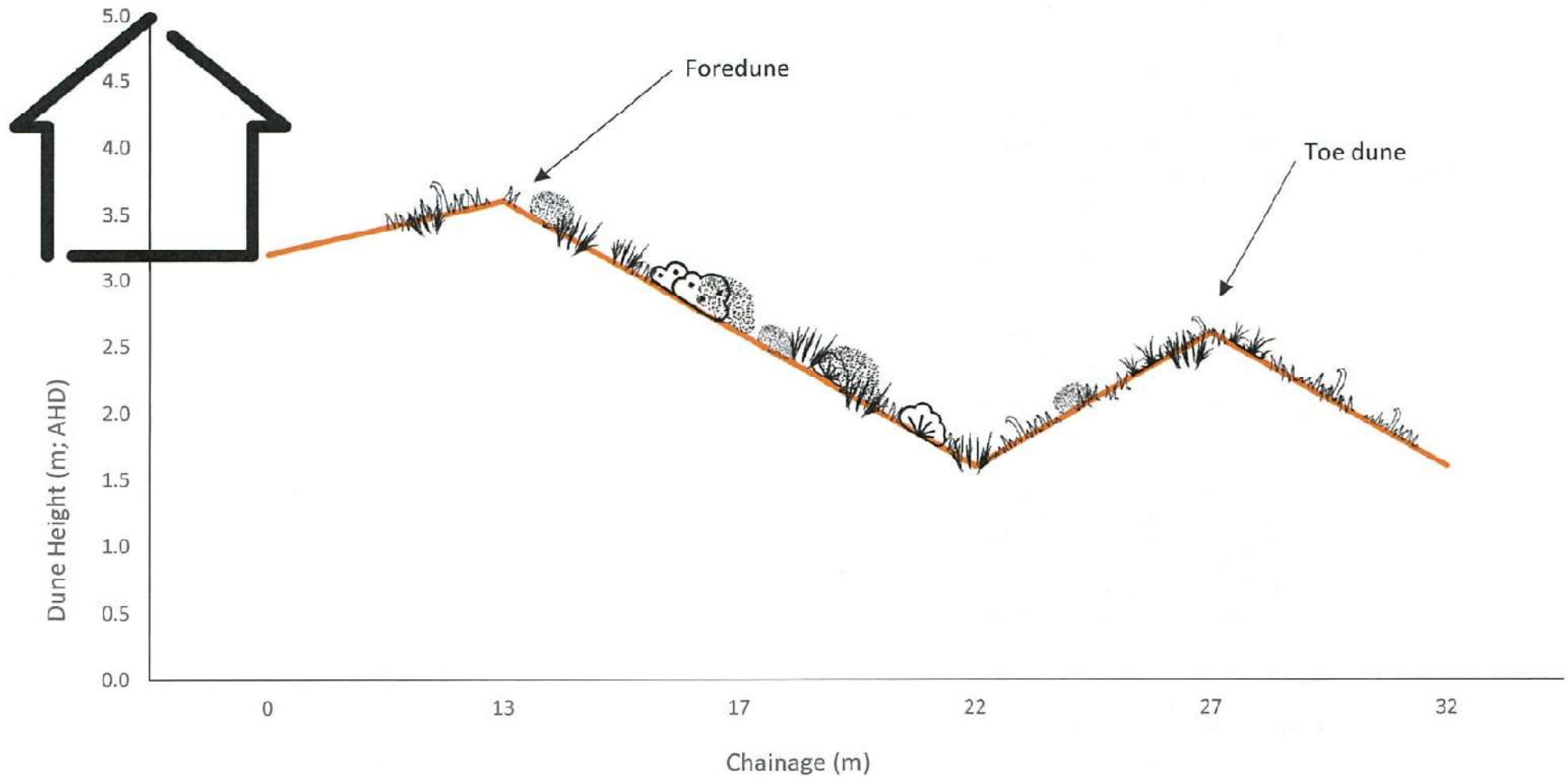


Figure 15: The foredune and toe dune height in relationship to beachfront properties, and low stature native coastal vegetation.

North Beach Sand Drift Management Plan

- Total Estimated Cost - \$350,000
- Grant Funding:
 - Coast Protection Board Grant - \$52,296
 - Regional Coast Protection Grant (Round 2) - \$95,000
 - Northern and Yorke Coastal Management Plan Funding Agreement - \$25,000 (funding by Legatus Group and Northern and Yorke Landscape Board)
- Separate Rate started in 2020/21 over 5 years for linear beach frontage
 - \$21,500 per year
- Council expenditure - \$70,204

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CALCULATION OF COST ALLOCATION TO INDIVIDUAL PROPERTIES

Proposed charge calculated for each property based on the linear width of the properties.

Proposed charge per annum to apply for 5 years.

Lot No	Address	Sea Front Length (m)	Ownership	Total Charge (\$)	Charge per Annum (\$)
38	87 Otago Rd	15.6	Private	2 321.88	464.35
2	85 Otago Rd	15.0	Private	2 232.57	446.50
3	83 Otago Rd	15.4	Private	2 292.11	458.40
4	81 Otago Rd	14.8	Private	2 202.81	440.55
5	79 Otago Rd	14.1	Private	2 098.62	419.70
6	77 Otago Rd	14.7	Private	2 187.92	437.55
7	75 Otago Rd	14.0	Private	2 083.73	416.75
8	73 Otago Rd	14.5	Private	2 158.15	431.60
9	71 Otago Rd	14.2	Private	2 113.50	422.70
10	69 Otago Rd	15.3	Private	2 277.22	455.40
11	67 Otago Rd	15.4	Private	2 292.11	458.40
4	65 Otago Rd	15.3	Private	2 277.22	455.40
13	63 Otago Rd	14.9	Private	2 217.69	443.50
14	61 Otago Rd	15.0	Private	2 232.57	446.5
15	59 Otago Rd	17.0	Private	2 530.25	506.05
16	57 Otago Rd	15.0	Private	2 232.57	446.50
17	55 Otago Rd	14.7	Private	2 187.92	437.55
18	53 Otago Rd	15.2	Private	2 262.34	452.45
19	51 Otago Rd	15.2	Private	2 262.34	452.45
20	49 Otago Rd	15.2	Private	2 262.34	452.45
21	47 Otago Rd	16.3	Private	2 426.06	485.20
22	45 Otago Rd	15.2	Private	2 262.34	452.45
51	43 Otago Rd	18.6	Private	2 768.39	553.65
24	39 Otago Rd	15.5	Private	2 306.99	461.40
25	37 Otago Rd	14.6	Private	2 173.04	434.60
26	35 Otago Rd	14.8	Private	2 202.81	440.55
27	33 Otago Rd	15.1	Private	2 247.46	449.45
28	31 Otago Rd	15.3	Private	2 277.22	455.40
29	29 Otago Rd	15.8	Private	2 351.64	470.30
30	27 Otago Rd	15.8	Private	2 351.64	470.30
31	25 Otago Rd	15.8	Private	2 351.64	470.30
32	23 Otago Rd	15.8	Private	2 351.64	470.30
33	21 Otago Rd	15.1	Private	2 247.46	449.45
34	19 Otago Rd	15.4	Private	2 292.11	458.40
35	17 Otago Rd	14.1	Private	2 098.62	419.70
36	15 Otago Rd	14.7	Private	2 187.92	437.55
37	13 Otago Rd	12.5	Private	1 860.48	372.10
38	11 Otago Rd	14.8	Private	2 202.81	440.55
39	9 Otago Rd	15.8	Private	2 351.64	470.30
40	7 Otago Rd	15.0	Private	2 232.57	446.50
41	5 Otago Rd	15.3	Private	2 277.22	455.40
42	3 Otago Rd	14.6	Private	2 173.04	434.60
43	1 Otago Rd	17.7	Private	2 634.44	526.85
11	17 Windjammer Crt	59.5	Private	8 855.87	1 771.15
PT150, PCE916 & Public Car Park	Pamir Court	340.8	Council	*50 724.06	*10 144.80
TOTAL		1054.4		156 935.00	31 386.00

**Separate Rate not to be charged to Council owned land. Figures shown for clarity only*

North Beach Sand Drift Management Plan

Table 3: The proposed schedule of works for activities outlined within the North Beach Sand Drift Management Plan.

Activity	2020						2021				2022		
	A	M	J	J-S	O-D	J-M	A	M	J	J-S	O-D	J-M	A-J
Preliminary Works													
1. Site assessment and design	x												
2. Liaison with partners and stakeholders	x												
3. Materials for application to CPB		x											
4. Plants and equipment orders	x												
Coast Protection Works													
1. Materials and mobilisation	x	x					x	x					
2. Site preparation		x											
3. Install foredune fencing		x											
4. Planting and mulching		x						x					
5. Pathways and gates			x										
6. Exclusion fencing			x										
7. Signage			x										
8. Monitoring and maintenance				x	x	x							
9. Toe dune fencing				x					x				
3.0 Coast Protection – Post Works													
1. Finalisation									x				
2. Monitoring and maintenance										x	x	x	x
3. Foredune Management Plan													x

Before



During



Current





North Beach Sand Drift Management Plan

- 11 March 2020 - Tender awarded
- 17 March 2020 - on-site meeting
- 23 May 2020 – North Beach Sand Drift Management Plan was created
- 2 June 2020 – Works commenced

North Beach Sand Drift Management Plan





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