

DECISION ITEM

REPORT OF	MEETING	DATE	ITEM NO
DEVELOPMENT SERVICES DIRECTORATE	TOURISM AND LEISURE COMMITTEE	5 NOVEMBER 2020	4
BEACH SAFETY SIGN IMPROVEMENTS			

PUBLIC ITEM

This item is for consideration in the public part of the meeting.

SUMMARY

The report outlines the progress to date of the Beach Safety signage project. The report recommends the approval of a fully funded budget increase of £37,000 to enable effective, consistent beach safety signs to be positioned along the beach frontage from Starr Gate, to Jubilee House, Lytham.

RECOMMENDATIONS

1. To recommend to the Finance and Democracy Committee approval of a fully funded capital budget increase of £37,000 to complete the Coastal Signage Improvements project within the Council's 2020/21 capital programme, to be met in full, from the Capital Investment Reserve;
2. To approve the draw-down of £37,000, in addition to the £15,000 already approved, subject to the approval of the fully funded budget increase by the Finance and Democracy Committee, for the Coastal Signage Improvements project.
3. To note the procurement route as detailed in the procurement section of this report and delegate the award of tender to the Director of Development Services in consultation with the Chairmen of Tourism & Leisure and Operational Management Committees.

SUMMARY OF PREVIOUS DECISIONS

Tourism and Leisure Committee 8th November 2018

Resolved – To support the capital bid for the Coastal Signage Improvements.

Full Council 3 March 2014

Resolved – The approval and adoption of the updated Five-Year Capital Programme as set out in Appendix G; Coastal Signage Improvements £60k.

Tourism and Leisure Committee 12th March 2020

RESOLVED – Adoption of the Coastal Signage Strategy comprising 5 distinct phases at a total cost of £60,000, the Beach Safety signage project being Phase 3, at a cost of £15,000.

CORPORATE PRIORITIES	
Economy – To create a vibrant and healthy economy	
Environment – To deliver services customers expect	√
Efficiency – By spending money in the most efficient way	
Tourism – To create a great place to live and visit	√

REPORT

BACKGROUND

1. The Royal National Lifeboat Institution (RNLI) recognise the importance of effective, consistent signs and safety flags on UK beaches. This is becoming increasingly relevant in the current climate where the demands on UK beach operators are increasing every year with growing recreational activities and visitor numbers, making the need for effective beach management an even greater priority. Beach operators have a duty of care to see that visitors to their beaches are reasonably safe, which entails providing adequate safety measures.
2. From April 2020 all the Council's beaches have been categorised and joint risk assessments carried out with beach managers, for each categorised beach.
3. The beach risk assessments led to the number, type and nature of beach safety signs required, in accordance with RNLI Guide to Beach Safety Signs, Flags and Symbols being defined. In addition, it was proposed that the signs should incorporate information on public space protection orders covering dog exclusion zones, dog fouling, dogs on leads, barbeques and outdoor cooking, litter and other public information such as a lost children procedure.
4. The project objective was to not only improve beach safety, enabling the public with the means to make clear decisions on safety whilst on the beach, but to reduce dog fouling and nuisance, barbeques and litter, and to improve knowledge and access to local amenities and services.

SCHEME DETAIL

5. Twenty-two new beach safety signs are proposed along the Fylde frontage to compliment the twenty seven signs recently erected as part of the Fairhaven to Church Scar Coastal Defence Scheme.
6. They comprise 13 primary signs, 5 secondary signs and 4 reminder signs. Generally primary signs are placed at main entrances to the beach, secondary signs placed at entrances which are not main entrances to the beach, and reminder signs placed at intervals along the beach, facing the beach, so they can be read by beach users.
7. The number of signs and their locations have been determined by a beach risk assessment, and where the risk is deemed to be low, no signs have been provided. It is a case of balancing the risk without over signing the promenade and beach. This scheme demonstrates a good balance of this. However, there is enough flexibility in the budget to add one or two signs if considered necessary.
8. The proposed primary signs comprise two linked curved topped sign boards, supported on one centre and two end posts, with the information displayed on their front sides only. The proposed secondary signs comprise a single rectangular sign board supported on two end posts. The reminder signs are identical to the secondary signs, and it is proposed to mount them back to back with the secondary signs, on the same posts, but facing the beach.
9. The draft signs, signage schedule, and sign locations have been considered by the Chairmen of Operational Management and Tourism & Leisure Committees and are included in Appendix 1.
10. It is proposed to tender the design, manufacture, supply and installation of the signs in early November, in a "one stop shop" process. This is thought to be the most efficient use of funds. Appointment of the successful supplier is programmed for late November, subject to committee approvals.

11. The artist will start work on improving the basic sign designs in December 2020, with further checks, amendments and reviews programmed for January 2021.
12. Once the sign proofs have been agreed, manufacture, supply and installation are programmed to take place during February and March 2021.

PROGRAMME

BEACH SAFETY SIGN IMPROVMENTS PROGRAMME																					
					2020							2021									
					Oct	Nov			Dec			Jan			Feb			March			
	Deliverables	Start Date	End Date	Duration Weeks																	
1	PROJECT MANAGEMENT																				
1.1	MILESTONES																				
1.1.1	Tender Period	9.11	23.11	2																	
1.1.2	Appoint Supplier	23.11	30.11	1																	
1.1.3	Artist - Artwork Design	30.11	11.01	4																	
1.1.4	Proof checking/consultation	11.01	25.01	2																	
1.1.5	Final changes	25.01	1.02	1																	
1.1.6	Maufacture, supply, deliver, install	1.02	26.03	8																	
	RISK - PCSO AMENDMENT- REVISED END DATE 16.08.21	10.11	16.08	35																	

13. The programme is based on having all the signs in place before Easter 2021. The beach safety signs have been designed to incorporate and effectively communicate the PSPO's. The biggest risk to the programme is a delay in agreement of any amendments to the Public Space Protection Orders (PSPO's) by the Operational Management Committee on 10 November 2020.

FUTURE PHASES

14. The budget for the coastal signage improvements, which is in the approved capital programme for 2020/21, is included in Table 1 below, with details the number of phases, a cost allocation to each, and an update on progress. This includes, under phase 3, the beach safety signs (shaded yellow). The original estimate for beach safety signs was based on basic signs provided but, as set out above, following a detailed risk assessment which identified the number of signs required and the level of detail needed on each sign, the estimated cost of providing these signs has increased.

Table 1 - Capital Budget Allocation

Description	Original budget	Status	Funding Source
Phase 1 Consolidation/ rationalisation of information and enforcement signage	£4,149	Communications team put on hold due to other work priorities as a result of Covid -19	Capital Coastal Signage improvement budget
Phase 2 Digital Beach Signs	£25,000	Installation programmed for February 2021; within budget	Capital Coastal Signage improvement budget
Phase 3 Beach Safety Signage	£15,000	Funded budget increase of £37,000 requested (£52,000 in total). Programmed completion March 2021.	Capital Coastal Signage improvement budget
Phase 4 Waymarking/ Directional signs	£5,000	Coastal Ranger Service and the Regeneration team producing tender documents later this year	Capital Coastal Signage improvement budget
Phase 5 Heritage and interpretation	£10,851	To be worked up	Capital Coastal Signage improvement budget
Total	£60,000		

15. The signage elements which weren't part of the original capital bid or have been funded from other sources are identified below in Table 3. Additionally, there are a number of projects, for example the Borough Entrance Signs and Town Centre Digital signs, which may be the subject of future capital bids.

Table 2 - Additional signage projects

Description	Cost Estimate	Status	Funding Source
Fylde Sand dune project	£21,561	Coastal Ranger Service producing tender documents, to go out to tender later this year with Phase 4	£27,000 Lancashire Environment Fund and £25,000 Section 106 funding for overall project
Car Parking	Detail currently being worked up by Technical Services	Parking Services replaced tariff boards in three car parks, full new signage on two car parks, process ongoing	Car Park Revenue Budget
Borough Entrance Signs	Cost estimate to be developed	This element being reviewed by Budget Working Group considering other priorities. Currently pending.	Capital
Town Centre Digital Signs	£30,000	Capital bid approved March 2020. Delays due to other priorities, now being taken forward as part of town centre project activities	Capital
English Coastal Path	N/A	Natural England are implementing this wider project. Delayed due to under estimation of scale of task	Natural England

PROCUREMENT

16. This contract will be procured as a mid-range contract under the Councils contract procedure rules where the value is between £10,000 and £100,000 where three quotations are required. This will be operated through The Chest where tenders will be requested to design, manufacture and install the signs.

FINANCE

17. There is a budget for Phase 3 of the coastal signage improvements in the approved capital programme for 2020/21 of £15,000. This was based on an estimate for a limited number of basic signs. Following a detailed risk assessment which identified the number of signs required to provide adequate signage cover plus the level of detail on each sign, the estimated cost of designing, manufacturing and installing the signs has increased. The total estimated costs are £51,260. As such a budget increase of £37,000 is requested to complete this project. The signage required includes:

Elements	Cost per unit installed	Total
13 no. Primary signs	£2,750	£35,750
5 no. Secondary signs	£1,250	£6,250
4 no. Reminder signs	£1,150	£4,600
Subtotal		£46,600
10% Contingency		£4,660
Total		£51,260

CONCLUSION

18. The report requests a fully funded budget increase to enable beach safety signs to be erected along the Fylde frontage in order to protect and inform the public.
19. It also requests the authority to award the contract to the lowest tenderer.

IMPLICATIONS	
Finance	The report recommends to the Finance and Democracy Committee approval of a fully funded capital budget increase of £37,000 to complete the Coastal Signage Improvements project within the Council's 2020/21 capital programme, to be met in full, from the Capital Investment Reserve.
Legal	The proposals should ensure that the council's legal responsibilities are met.
Community Safety	The proposals should ensure safe use of the beach by users.
Human Rights and Equalities	No implications arising from this report.
Sustainability and Environmental Impact	No implications arising from this report.
Health & Safety and Risk Management	The proposals should ensure that the council's health & safety and risk management responsibilities are met.

LEAD AUTHOR	CONTACT DETAILS	DATE
Stephen Ball	Stephen.ball@fylde.gov.uk 01253 658493	23 October 2020

BACKGROUND PAPERS		
Name of document	Date	Where available for inspection
Coastal Signage Improvements	12 March 2020	Appended to Report

SUPPORTING DOCUMENTATION:

Appendix 1 – Proposed sample Beach Safety Sign, Signage Schedule, and Location Plans

Appendix 2 – Risk assessments

St Annes
Pier South

PUBLIC SPACES
PROTECTION ORDERS

NO DOGS between Good Friday and 30 September

At other times:-

MAXIMUM FINE UP TO £1000

For further information contact Fylde Council, Town Hall, Lytham St Annes FY8 1LW
Tel: 01253 658658 or visit www.fylde.gov.uk

FYE06

999 in an Emergency,
ask for Coastguard
and state the above code

Caution

There is no lifeguard service
operating in this area

Local plan to be
inserted here - see
separate drawing

Extent - North Beach Car Park to
Fairhaven Road Car Park 1:3000 scale

Children and vulnerable adults should be supervised at all times. Immediately on arrival at the beach, agree a meeting point in case of separation. Should your child go missing, then contact the HM Coastguard or Police with a full description of your child and last known location. Inform the searchers once your child has been found

Do not interfere with lifesaving equipment. A life may depend on it

First Aid assistance is available at the NHS Walk-In Centre Services at Whitegate Health Centre, Whitegate Drive, Blackpool, FY3 9ES. IN AN EMERGENCY CALL 999

The nearest slipway for wheelchair access to the beach is located north of St Annes Pier. The nearest accessible Dumbo public toilets which include baby changing facilities are at The Lifeboat Memorial

D	27.10.20	Wording on symbols
C	09.10.20	Wording on symbols & information notes amended
B	22.09.20	Revised layout & symbols
A	27.08.20	Single panel sign changed to double panel sign
Date		Revision

Technical Services
Development Services
The Town Hall
Lytham St Annes
Lancashire
FY8 1LW
Tel: 01253 658658 E-mail: webmaster@fylde.gov.uk

Drawn By:	Date:
S D Ball	09.10.20
Checked By:	Scale:
G Willetts	1:5

Project:

Beach Safety Signs

Title:

St Annes Pier South
Primary Sign

Drawing Number:

TS 16009/04D

Queen Street





Beware of changing sea, tide and weather conditions and tidal cut-off



Beware of sandbanks, shelving and incoming tides



Beware of deep water and varying beach levels



Beware of mudflats/quicksand



Do not cross river channel



Do not use inflatables in the sea



No unauthorised vehicles



Children and vulnerable adults should be supervised at all times

PUBLIC SPACE PROTECTION ORDERS



Dogs must be put on a lead when directed by an authorised officer



Please clean up after your dog



No barbeques, open fires or outdoor cooking



No littering



MAXIMUM FINE UP TO £1,000



For further information contact Fylde Council, Town Hall, Lytham St Annes, FY8 1LW.
Tel: 01253 658658 or visit www.fylde.gov.uk

Caution

There is no lifeguard service operating

 999 in an Emergency and ask for Coastguard

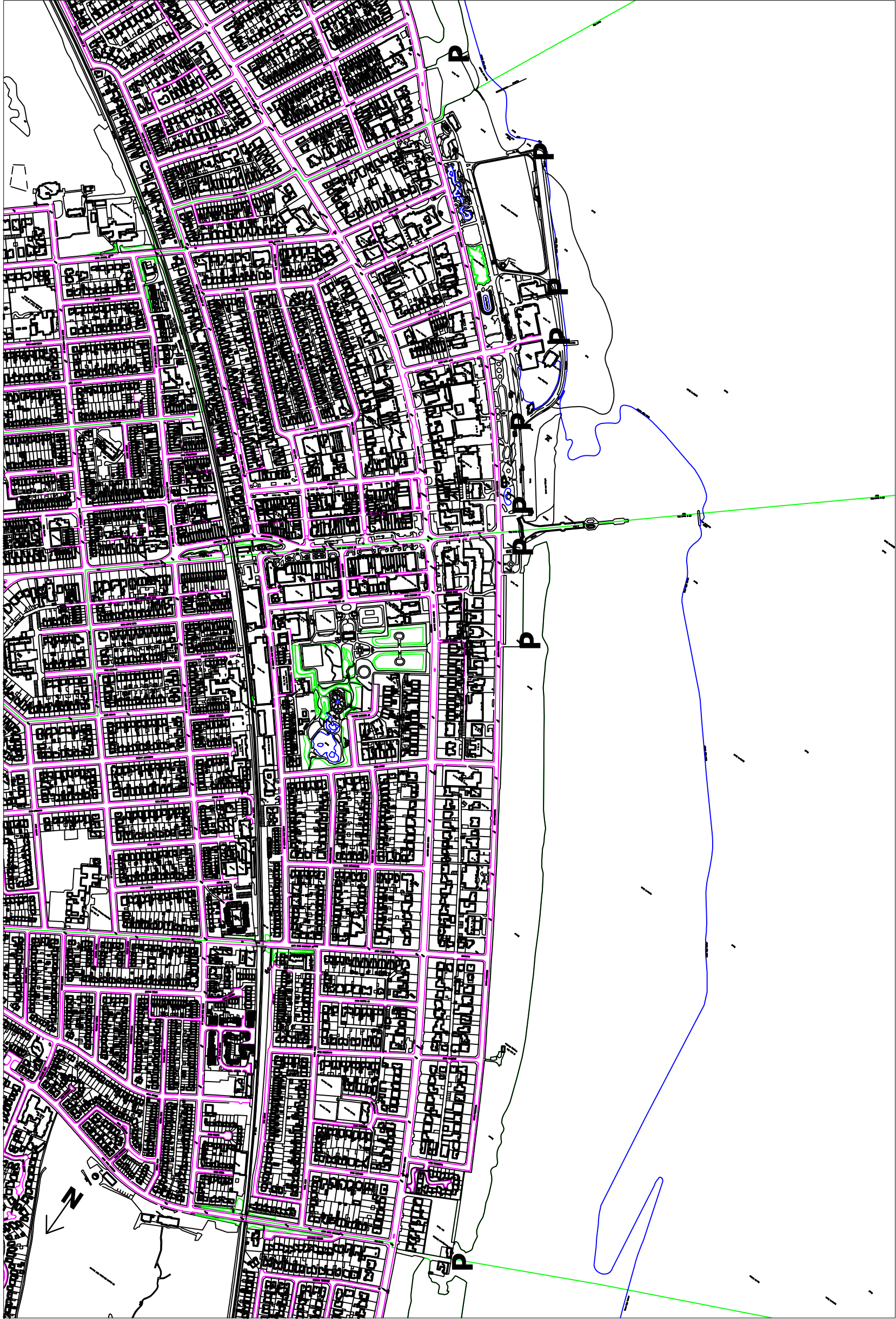
A	27.10.20	Wording for tide sign amended		
	Date	Revision		
<div><div></div><div><div>Technical Services Development Services The Town Hall Lytham St Annes Lancashire FY8 1LW</div><div>Tel: 01253 658658 E-mail: webmaster@fylde.gov.uk</div></div></div>				
Drawn By:	Date:			
S D Ball	06.10.20			
Checked By:	Scale:			
G Willetts	1:2.5			
Project:				
Beach Safety Signs				
Title:				
Queen Street Secondary Sign				
Drawing Number:				
TS 16009/18				

Beach Safety Signs

S09.10.20 Sign Schedule D

No.	Sign Ref. No.	Drwg. No.	Sign Name	Sign Type
1	FYE01	TS16009-17A	Jubilee House	Primary
2		TS16009-21	Grosvenor Street	Secondary
3		TS16009-25	Grosvenor Street	Reminder
4	FYE01A	TS16009-9C	Lytham Windmill	Primary
5		TS16009-20	Station Road	Secondary
6		TS16009-24	Station Road	Reminder
7		TS16009-19	Bannister Street	Secondary
8		TS16009-23	Bannister Street	Reminder
9		TS16009-08A	Lytham Jetty	Secondary only
10	FYE01B	TS16009-7C	Bath Street Car Park	Primary
11	FYE01C	TS16009-6C	Dicconson Terrace Car Park	Primary
12		TS16009-18	Queen Street	Secondary
13		TS16009-22	Queen Street	Reminder
14	FYE05	TS16009-5C	Fairhaven Road Car Park	Primary
15	FYE05A	TS16009-16A	Miniature Golf Slipway	Primary
16	FYE05B	TS16009-15A	Salter's Wharf	Primary
17	FYE05C	TS16009-14A	St Annes RNLI Slipway	Primary
18	FYE05D	TS16009-13A	St Annes Boating Pool	Primary
19	FYE06	TS16009-4C	St Annes Pier South	Primary
20	FYE07	TS16009-3C	St Annes Pier North	Primary
21	FYE08	TS16009-2C	North Promenade Car Park	Primary
22	FYE09	TS16009-1E	North Beach Car Park	Primary

The Secondary and Reminder Signs are identical signs and are to be placed back to back on the same posts



KEY

- P Primary Sign
- S Secondary Sign
- R Reminder Sign

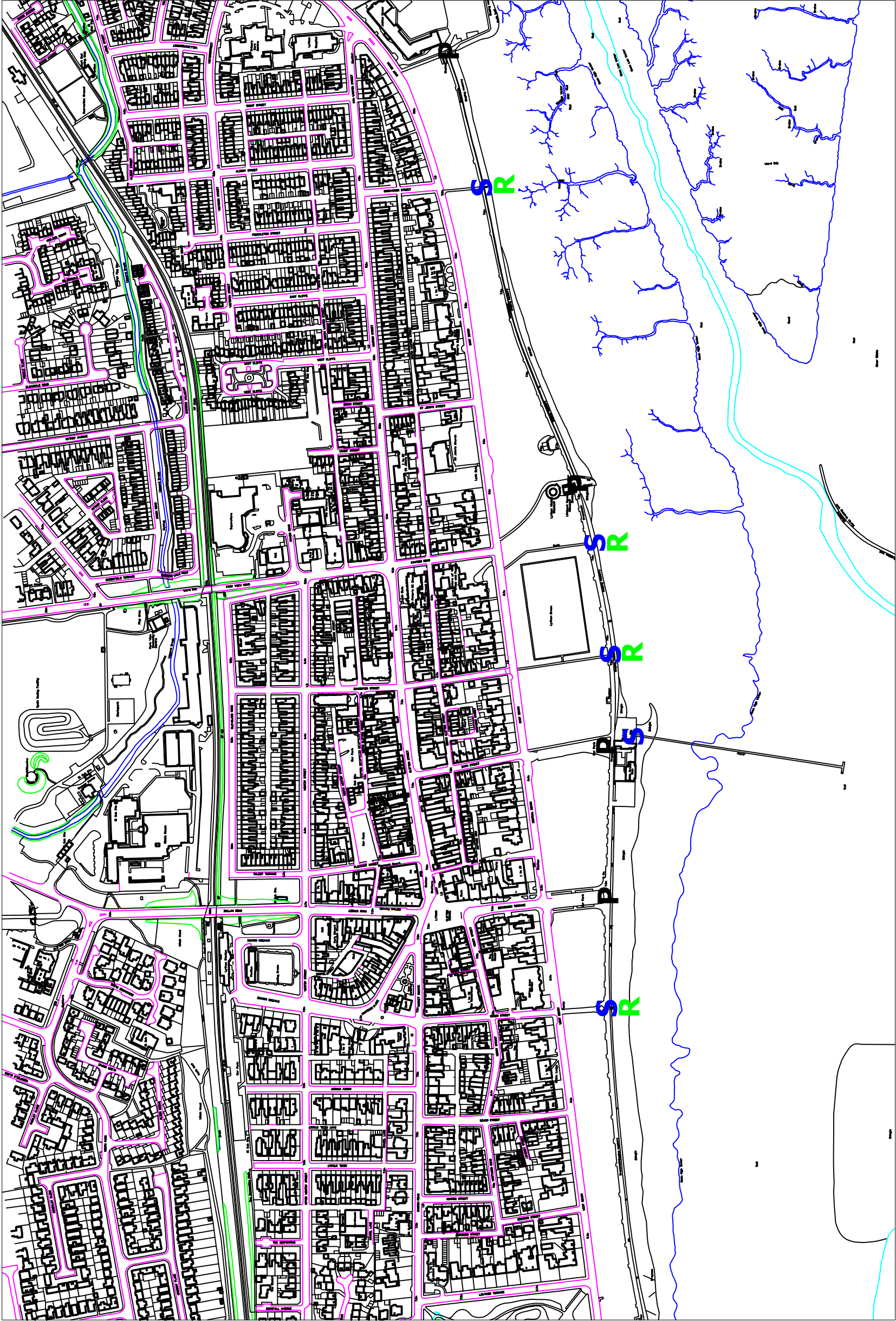


Technical Services
Development Services
The Town Hall
Lytham St Annes
Lancashire
FY8 1LW
Tel: 01253 658658 E-mail: webmaster@fylde.gov.uk

Project:
BEACH SAFETY SIGNS
PROJECT

Title:
SIGN LOCATION PLAN
SHEET 1 - ST ANNES

	Date	Revision		
Drawn By:	S D Ball		Date:	08.10.20
Checked By:	G Willetts		Scale:	1:8,000
Drawing Number:		TS16009-26		



KEY

- P Primary Sign
- S Secondary Sign
- R Reminder Sign



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Development Services
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Project:
BEACH SAFETY SIGNS
PROJECT

Title:
SIGN LOCATION PLAN
SHEET 2

Date	Revision	Date:	
Drawn By: S D Ball		08.10.20	
Checked By: G Willetts		Scale: 1:5,000	
Drawing Number:		TS16009-27	

APPENDIX 2- BEACH RISK ASSESSMENTS

Ref	Hazard	No./ Frequency	At risk groups	Associated Problems	SEVERITY	LIKELIHOOD	Risk Level	Existing Control Measures	Existing Control Measures Sufficient Y/N	Control Risk Level	Alternative Potential Control Measures
1	Lytham Jetty	Frequent	All	Tidal inundation, slips, trips, falls from height (1.2m), stuck in mud injuries, drowning, vehicle impact	4	2	8	Existing faded sign – Danger deep water, Deep mud, please take care, No vehicle access. Lifebuoy at entrance to jetty. Tide times displayed	N	8	Existing sign incomplete and misleading, needs replacing. Additional lifebuoys considered but not needed or practical. Erect specific signage at Lytham Jetty.
2	Kite Surfing	20-30	All	Head, leg, neck & back injuries. Impact injuries. Drowning. Collision with other water & beach users. Entanglement. Collision with Pier	4	2	8	No specific signage. British Kite sports self-regulation. No recorded incidents.	N	8	Provide specific signage in areas frequented by kite surfers. Warn kite surfers of Pier Hazard considered but not thought to be required.
3	Motorised craft, boats, jet skis	20	All	Collision, drowning, entanglement	4	2	8	Existing signage	Y	8	
4	Tidal cut off		All	Drowning	5	2	10	Stepped egress or paths through dunes, limited signage	N	5	Increase signage (RNLI Guidance) & tide time signage at Primary Sign locations
5	Vehicles	Daily	All	Impact injuries, vehicle collisions, crush injuries	3	2	6	Limited signage	Y	6	
6	Slipway	Daily	All	Impact injuries, vehicle collisions, crush injuries	3	2	6	None	Y	6	Squires Gate Slipway signed, and risk assessed by BC and not included in this risk assessment. Additional signs required at Seafeld Road: No parking on slipway. Emergency vehicular access required at all times.
7	Mud/quicksand		All	Soft ground conditions, trapped in mud, exhaustion	3	3	9	Limited signage	Y	6	Provide signage where appropriate
8	Dogs		All	Impact/bite injuries/infection,	3	2	6	Signage, no dogs in certain areas at certain times, dogs	Y	6	

Ref	Hazard	No./ Frequency	At risk groups	Associated Problems	SEVERITY	LIKELIHOOD	Risk Level	Existing Control Measures	Existing Control Measures Sufficient Y/N	Control Risk Level	Alternative Potential Control Measures
				excrement, dog entering beach & owners attempting rescue	2 4	2 2	4 8	on lead, prom bin provision, dog patrol & enforcement officers			
9	Algae & slippery surfaces		All	Fall injuries	3	2	6	Stepped Access provided & kept free of algae. Handrails maintained	Y	6	
10	Pollution	20 daily	All	Stomach bugs, ear and eye infections, dysentery, diarrhoea, polio, cholera, trachoma, arsenicosis, schistosomiasis, e-coli	2	2	4	Existing & temporary bathing water warning and information signs adjacent designated bathing waters	Y	4	
11	Missing children	Occasional	Children	Falls, drowning, stuck in mud, abduction, personal trauma	4	3	12	Lost child procedure in place	N	8	Education/Increased signage
12	Wind Surfing	Occasional	All	Head, neck & back injuries. Drowning. Collision with other water users.	4	2	8	Signage-main water hazards listed.	Y	8	
13	Sand Yachting	Ban in place, not considered							No wheeled sports sign in place at North Beach		
14	Swimming	20 daily	All	Drowning	4	2	8		Y	8	
15	Inflatable Users	<10 daily	All	Drifting offshore (offshore winds). Drowning	4	2	8		N	8	Include hazard on signs
16	Wave dodging		All	Impact injuries. Drowning	4	2	8	Limited signage	Y	8	
17	Dangerous litter (glass, disposable BBQ's, sharps)		All	Cuts, burns, needlestick injuries	2	3	6	Existing signage, beach cleaning, BBQ ban	Y	8	
18	Channels, deep water, sand banks, varying beach levels	Occasional	All	Drowning. Stuck in mud. Fall injuries	4	2	8	Ribble channel. Self-regulation. Existing signage.	N	8	Increase signage

Ref	Hazard	No./ Frequency	At risk groups	Associated Problems	SEVERITY	LIKELIHOOD	Risk Level	Existing Control Measures	Existing Control Measures Sufficient Y/N	Control Risk Level	Alternative Potential Control Measures
19	Changing sea, tide & weather conditions, storms, strong winds, hail, fog, mist, sand blasting		All	Wind chill, persons blown from height, inflatables & surfers being blown out to sea, persons becoming lost in sea, observers losing sight of swimmers, collision danger to watercraft	4	2	8	Existing signage	N	8	Increase signage
20	Coastal Defences		All	Jumping/Diving, slips, trips & falls. Associated currents, impact injuries, entrapment, drowning, collision risk	4	2	8	Existing signage & stepped access/egress kept clean	Y	8	
21	UV radiation		All	Short term sunburn & heat stroke. Long term skin cancer.	2	4	8	National public health guidance	Y	8	
22	Lightning		All		4	2	8	Self-preservation	Y	8	
23	Shooting				4	2	8	Shooting area controlled by Wildfowlers Association too remote for public to access	Y	8	
24	Fishing		All	Puncture injuries from hooks. Drowning after fall or surging wave	4	2	8	National Guidance	Y	8	
25	Sailing	Occasional	All	Collisions, drifting, drowning, entanglement, running aground	4	2	8	Self-regulation	Y	8	
26	Personal watercraft (PWC)/ powered craft skiing. Launch from large motor yachts & slipways	Occasional	All	Impact injuries, collisions, drowning	4	2	8		N	8	Provide appropriate signage
27	Snorkelling/spear fishing	Rare	All	Drowning, entanglement, impact injuries	4	2	8		Y	8	
28	Scuba diving	Rare	All	Drowning, entanglement, impact injuries, decompression injuries	4	2	8		Y	8	

Ref	Hazard	No./ Frequency	At risk groups	Associated Problems	SEVERITY	LIKELIHOOD	Risk Level	Existing Control Measures	Existing Control Measures Sufficient Y/N	Control Risk Level	Alternative Potential Control Measures
29	Tidal currents		All	Drowning	4	2	8	Existing signage	N	8	Increase signage
30	Waves		All	Impact injuries. Drowning	4	2	8		N	8	Provide signage where appropriate
31	Paddling	100 daily	All	Drowning	4	2	8	Existing signage	Y	8	
32	Marine envenomation i.e. weever fish/jelly fish & other dangerous marine life		All	Bites, stings, cuts, swelling, anaphylactic shock	2	2	4	None	Y	4	1 no. weever fish reported but informed on the rise. Increase in jelly fish due to warming. Will erect temporary signs if local outbreak
33	Horse riding	10 daily	All	Falls, collision	3	2	6	Self-regulation	Y	6	
34	Fire safety, bonfires, barbecues		All	Burns, smoke inhalation, damage to wildlife, damage to property, life risk	3	2	6	Existing prohibition signs & enforcement	Y	6	
35	Fireworks		All	Burns, fire, impact injuries	3	2	6	Existing signage. No current issues.	Y	6	Existing beach patrols, CCTV & enforcement
36	Unsocial behaviour exacerbated by alcohol and or drugs		All	Physical assault & injuries, intimidation, sexual indiscretions	4	2	8	Existing signage & alcohol restricted areas	Y	8	Existing Beach Patrols & CCTV
37	Hazardous or explosive substances		All	Palm oil wash up dangerous to dogs	3	2	6	Temporary signage when danger is washed up on the beach	Y	6	
38	Rowing (oar or paddle), kayaks, canoes, stand up paddleboard	Infrequent	All	Drifting, drowning	4	1	4		Y	4	
39	Outfall structure		All	Collision. Falling	2	2	4	Existing outfall at St. Paul's visible	Y	4	
40	General beach activities	500+ daily	All	Slips, trips & falls. Lost children/adults	1	4	4	Existing signage	Y	4	
41	Cycling	100+ daily	All	Impact injuries. Collision with pedestrians	3	3	9	Existing signage	N	6	Increase frequency of shared space signs. Check with JR.
42	Managed vehicle	Daily	All	Impact injuries. Vehicle	3	2	6	Existing signage (parking	Y	6	Additional signage (parking

Ref	Hazard	No./ Frequency	At risk groups	Associated Problems	SEVERITY	LIKELIHOOD	Risk Level	Existing Control Measures	Existing Control Measures Sufficient Y/N	Control Risk Level	Alternative Potential Control Measures
	use & parking			collisions. Crush injuries				restrictions)			restriction) being placed at Seafield Road Slipway
43	Kite Flying	5-10 weekly	All	Impact injuries. Falls from height. Kite Festival separate risk assessment.	2	3	6	Clubs/self-regulation	Y	6	
44	St Annes Pier		All	Soft sand, pools of water, impact injuries from beach users, low headroom, eddies currents, collision, dereliction	2	3	6	Pier Heras fenced off around wider footprint near land and signed in this area	Y	6	

KEY

SEVERITY (S)						
LIKELIHOOD (L)		MINOR (1)	MAJOR (2)	CRITICAL (3)	FATAL (4)	MULTIPLE FATALITIES (5)
	IMPROBABLE (1)	1	2	3	4	5
	REMOTE (2)	2	4	6	8	10
	OCCASIONAL (3)	3	6	9	12	15
	PROBABLE (4)	4	8	12	16	20
	FREQUENT (5)	5	10	15	20	25

RISK MATRIX

	HIGH RISK	This level of risk is very high and is difficult to be justified on any grounds; high level control measures should be applied
	MEDIUM RISK	This level of risk is significant and medium level control measures should be applied to reduce the risk as soon as possible
	LOW RISK	Level of risk is at a level where low-level control measures suffice

SEVERITY AND LIKELIHOOD EXPLAINED

Severity	Level	Definition
None	0	No injury sustained to public
Minor	1	A minor injury, such as cuts and bruises, that can be dealt with swiftly and easily and requires only minor first aid
Major	2	A major injury requiring more than minor first aid May require a trip to the accident and emergency department
Critical	3	Critical injury to the public such as broken limbs, major cuts An essential need for outside assistance and possibly hospitalization More than 3 days required off work
Fatal	4	Permanent or life-threatening injury to the public Loss of limb Loss of member of public out to sea-death
Multiple fatalities	5	Permanent or life-threatening injury to more than one member of the public Multiple loss of limbs Loss of more than one member of the public out to sea-death
Likelihood	Level	Definition
None	0	Never Occurs
Improbable	1	An event that it so unlikely to occur that it should not be considered as possible to occur
Remote	2	Unlikely to occur, but nevertheless should be considered as being possible
Occasional	3	Unlikely to occur often but may occur several times during the season under normal weather conditions
Probable	4	Likely to occur under normal conditions; likelihood increases during extreme weather conditions
Frequent	5	Likely to occur often, under all weather conditions, throughout the year