

## S14 – Lagoons & Open Bodies of Water Inspection Form H&SGEO03

Name of structure and location ..... Site ..... Date .....

**Area inspected** (please tick)

Banks  Bunds  Overflow

	Tick as appropriate	Action required	Date of completion
Has the weather been fine? (stability not affected by heavy rain or freezing)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the bund crest stable? (no cracks, settlement or lowering of ground)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the bund face stable? (no bulging, slumping or surface erosion)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the bund toe stable? (no foundation heave, piping or bulging)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the bund surface free of surcharge loads? (no raising of ground)	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the ground at or near the bund toe free of unauthorised excavations?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the ground behind the crest free from ponding water?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Is the face, toe and ground in front of the bund toe free from springs, seepages etc?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....
Are all drains, ditches, pipes, culverts and surface watercourses working properly?	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>	.....	.....



- Is the overflow working properly? (no floating debris, ice, soil etc)    Yes     No     N/A     .....
- Is the overflow water clean and free of suspended solids?    Yes     No     N/A     .....
- Is the freeboard adequate?    Yes     No     N/A     .....
- Is there sufficient space for the next six months use?    Yes     No     N/A     .....
- Are the tipping/silting rules still appropriate?    Yes     No     N/A     .....
- Is the lagoon design still appropriate?    Yes     No     N/A     .....
- Are the appraisals/geotechnical assessments appropriate and current?    Yes     No     N/A     .....
- Are there any defects visible that are reportable under RIDDOR?    Yes     No     N/A     .....

Signature of competent person carrying out inspection Date

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Countersignature by geotechnical specialist Date

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