

#### **DEPARTMENT OF PLANNING, INDUSTRY & ENVIRONMENT**

# Sanitary inspection paperbase plus determination of Beach Suitability Grade

Version 11

## **Summary**

Entered in database on: \_\_\_\_\_

Site nam	e:			Site reference nun	nber:
Site visit	date:		Council meetin	g date:	
Sanitary	Inspection Cat	egory (SIC):		Determined on:	
Microbia	l Assessment (	Category (MAC): _		Calculated on:	
			crobial assessmer percentiles – ente	nt category (MAC) erococci cfu/100mL	.)
		A ≤40	B 41-200	C 201-500	D >500
	Very Low	Very good	Very good	Follow up	Follow up
ction	Low	Very good	Good	Follow up	Follow up
nspe (SIC)	Moderate	Good	Good	Poor	Poor
Sanitary inspection category (SIC)	High	Good	Fair	Poor	Very poor
Sani	Very high	Follow up	Fair	Poor	Very poor
Beach su	uitability grade:		for year		

This template can be used as a field sheet for the *OEH Beachwatch Sanitary Inspection Database* or on its own as a sanitary inspection report. For further guidance in determining likelihood of pollution from each pollution source, contact Beachwatch at beachwatch@environment.nsw.gov.au.

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# 1. Site information

Swimming dimensions: Length (m) Width (m) = Area (m2)  Catchment area: square kilometres  Catchment landuse: Bushland % Rural % Urban  Contact details: Responsible authority  Name  Position Fax  Email Site location  Address  Latitude Longitude  Site description	Name:			Reference nun	nber:	
Name Position Mobile Phone Fax Email Site location Address Latitude Site description  Site description	Type: □ Ocean	☐ Estuarine ☐ Fr	reshwater	☐ Other		
Catchment landuse: Bushland	Sandy beach? □	Yes □ No				
Contact details: Responsible authority  Name Position Mobile Phone Email Site location Address Latitude Site description  Site description  Messes Phone Site description  Site description  Rural  Well Rural  Well Rural  Well Rural  Well Rural  Well Rural  Well Fax  Fax  Longitude  Longitude  Site description	Swimming dimens	sions: Length (m)	Width	(m)	= Area (m2)	
NamePositionFax	Catchment area: _		squa	are kilometres		
Position Mobile Fax Fax Fax  Email Site location Address Latitude Longitude Site description	Catchment landus	se: Bushland	% Rura	al%	Urban	%
Position	Contact details:	Responsible authority				
Mobile Fax  Phone Fax  Email  Site location  Address		Name				
Phone Fax		Position				
Site location		Mobile				
Site location		Phone		Fax		
AddressLongitudeSite description		Email				
Latitude Longitude Site description		Site location				
Site description		Address				
		Latitude		Longitude _		
		Site description				
Diagram of site						
	Diagram of s	site				

Level of flushing:	☐ High (e.g. co	pastal beaches)		
	☐ Medium (e.g	. estuarine sites)		
	☐ Low (e.g. lag	goons)		
Elevated Enterococci	☐ After light ra	in (5mm in 24hrs)		
(>40 cfu/100mL):	☐ After modera	ate rain (10mm in	24hrs)	
	☐ After heavy	rain (20mm in 24h	nrs)	
	☐ After very he	eavy rain (50mm i	n 24hrs)	
2A. Site use	9			
Activities at site:	☐ Swimming	☐ Surfing	□ Jetskiing	□ Canoeing/Kayaking
	☐ Diving	☐ Fishing	☐ Sailing	☐ Boating
	☐ Other			
Groups using site:	☐ Young childre	en (<7yrs)	☐ Elderly (>60y	vrs)
	☐ Adults & Olde	er children	☐ Tourists	
Number of users:	to	people per day o	n weekends	
	to	people per week	day (non-holiday	period)
	to	people per week	day (holiday perio	od)
Off-street parking?	□ No □ Ye	s, number of bays	s:	
Lifeguards:	☐ Unpatrolled	□ Weekends	□ Weekdays (non-holiday)	☐ Summer/School Holidays
Do conditions deter people from entering?		details:		
Any complaints of Illness recorded?	□ No □ Yes,	details:		

### Consequence

□ Minor	Rarely used on weekdays Occasionally used on weekends/holidays Few people enter the water Location not popular with children or the elderly Of minimal importance to local economy
□ Moderate	Location occasionally used on weekdays (e.g. <100 people per day for non-holiday period) Location frequently used on weekends or holidays Most people enter the water Location very popular with children or the elderly Location of some importance to the local economy
□ Major	Location frequently used on weekdays, weekends and holidays Most people enter the water Location very popular with children or the elderly Location of great importance to the local economy

# 2B. Pollution sources

#### Pollution source inventory

Pollution sources which could affect water quality at the swimming site:
☐ Do bathers use the site?
☐ Are toilet facilities located within close proximity to the site?
☐ Are wastewater treatment plants (including outfalls) located within 2 km of the site?
☐ Do designated sewage overflows occur in the catchment (or approximately 1 km radius of site)?
☐ Do sewer chokes or leakages occur in the catchment (or approximately 1 km radius of site)?
☐ Do surrounding properties use on-site sewage disposal systems?
☐ Does wastewater re-use occur within 100 m radius of site?
☐ Does stormwater discharge within 500 m of site?
☐ Do rivers discharge within 1 km of site?
☐ Do lagoons discharge within 500 m of the site?
☐ Are boats located in the vicinity of the site?
☐ Are animals (wildlife or domestic animals) present at the site?

Number of bathers at busy times:  Toilets available?  ☐ Yes, location:  ☐ No  Get area as defined in site details  Bather density calculation:  ☐ Get number at busy times as defined above (Number at busy times) divided by (Area) = (people/m²)  Bather density ≥ 0.2  ☐ High  Bather density < 0.2  ☐ Low  Likelihood of pollution from bathers (circle the relevant likelihood)  Toilets = Yes  ☐ Toilets = No	Number of bathers at busy times:  Toilets available?						
Toilets available?	Toilets available?	Bather	sheddi	ng		☐ Applicable	□ Not applicable
Get area as defined in site details  Get number at busy times as defined above (Number at busy times) divided by (Area) =	Get area as defined in site details  Get number at busy times as defined above (Number at busy times) divided by (Area) =	Number of b	oathers at	busy time:	s:		
Bather density calculation:  Get number at busy times as defined above (Number at busy times) divided by (Area) = (people/m²).  Bather density ≥ 0.2 □ High  Bather density < 0.2 □ Low  Likelihood of pollution from bathers (circle the relevant likelihood)  Toilets = Yes Toilets = No  Flushing Low bather density High bather density Low bather density High bather density Low Moderate  Low Low Moderate Low Moderate  Medium Very Low Low Low Low Moderate  High Very Low Low Low Low Moderate  Likelihood for bathers is  Is this likelihood appropriate? □ Yes □ No  If no, new likelihood is (please justify).	Bather density calculation:  Get number at busy times as defined above (Number at busy times) divided by (Area) = (people/m²)  Bather density ≥ 0.2 □ High  Bather density < 0.2 □ Low  Likelihood of pollution from bathers (circle the relevant likelihood)  Toilets = Yes Toilets = No  Flushing Low bather density High bather density Low bather density High bather density  Low Low Moderate Low Moderate  Medium Very Low Low Low Low Moderate  High Very Low Low Low Low Moderate  Likelihood for bathers is  Is this likelihood appropriate? □ Yes □ No  If no, new likelihood is (please justify).	Toilets avail	lable?	□ Yes, I	ocation:		
Bather density < 0.2	Bather density < 0.2		sity	Get num	ber at busy times as	defined above	(people/m²)
Likelihood of pollution from bathers (circle the relevant likelihood)  Toilets = Yes Toilets = No  Flushing Low bather density High bather density Low bather density High bather density Low Moderate Medium Very Low Low Low Moderate High Very Low Low Low Moderate Likelihood for bathers is	Likelihood of pollution from bathers (circle the relevant likelihood)  Toilets = Yes Toilets = No  Flushing Low bather density High bather density Low bather density High bather density Low Moderate Low Moderate Medium Very Low Low Low Moderate High Very Low Low Low Moderate Likelihood for bathers is	Bather dens	sity ≥ 0.2	☐ High			
Toilets = Yes  Toilets = No  Flushing Low bather density High bather density Low bather density High bather density Low Moderate Low Moderate Medium Very Low Low Low Moderate High Very Low Low Low Moderate Likelihood for bathers is  Is this likelihood appropriate?	Toilets = Yes  Toilets = No  Flushing Low bather density High bather density Low Low Moderate Low Moderate Medium Very Low Low Low Low Moderate Low Moderate Low Moderate Low Moderate Low Moderate  Likelihood for bathers is	Bather dens	sity < 0.2	□ Low			
Flushing  Low bather density  High bather density  Low bather density  High bather density  Low Moderate  Low Moderate  High  Very Low Low Low Moderate  Low Moderate  Low Moderate  Likelihood for bathers is  Is this likelihood appropriate?  Yes No  If no, new likelihood is (please justify).	Flushing Low bather density High bather density Low bather density High bather density   Low Low Moderate   Medium Very Low Low Low Moderate   High Very Low Low Low Moderate    Likelihood for bathers is	Likelihood c	of pollution	n from ba	thers (circle the rel	evant likelihood)	
Low Low Moderate Low Moderate   Medium Very Low Low Low Moderate   High Very Low Low Low Moderate   Likelihood for bathers is	Low Low Moderate   Medium Very Low Low Low Moderate   High Very Low Low Low Moderate   Likelihood for bathers is						
Medium Very Low Low Low Moderate   High Very Low Low Low Moderate    Likelihood for bathers is  Is this likelihood appropriate?  I Yes  I No  If no, new likelihood is (please justify).	Medium Very Low Low Low Moderate   High Very Low Low Low Moderate    Likelihood for bathers is			Toilets	= Yes	Toilets =	= No
High Very Low Low Low Moderate  Likelihood for bathers is  Is this likelihood appropriate? □ Yes □ No  If no, new likelihood is (please justify).	High Very Low Low Moderate  Likelihood for bathers is	Flushing	Low bathe				
Likelihood for bathers is  Is this likelihood appropriate?   Yes   No  If no, new likelihood is (please justify).	Likelihood for bathers is				High bather density	Low bather density	High bather density
Is this likelihood appropriate?   Yes   No  If no, new likelihood is (please justify).	Is this likelihood appropriate?   Yes   No  If no, new likelihood is (please justify).	Low	Low		High bather density  Moderate	Low bather density	High bather density  Moderate
		Low Medium	Low Very Low		High bather density  Moderate  Low	Low bather density  Low  Low	High bather density  Moderate  Moderate
Comment/Justification:	Comment/Justification:	Low  Medium  High  Likelihood for	Low Very Low Very Low bathers is	er density	High bather density  Moderate  Low  Low	Low bather density  Low  Low	High bather density  Moderate  Moderate
		Low Medium High Likelihood for	Low Very Low Very Low bathers is od appropr	er density	High bather density  Moderate  Low  Low  Ves No	Low bather density  Low  Low  Low	High bather density  Moderate  Moderate
		Low  Medium  High  Likelihood for  Is this likeliho  If no, new like	Low Very Low Very Low bathers is od approprelihood is	er density	High bather density  Moderate  Low  Low	Low bather density  Low  Low  Low  Vy).	High bather density  Moderate  Moderate

Distance from toilets to site (m)  Total number of toilets  Total number of showers  Type of sewage system  Sewered  Onsite system: ho		
Total number of showers  Type of sewage system  □ Sewered □ Onsite system: ho		
Type of sewage system ☐ Sewered ☐ Onsite system: ho		
☐ Onsite system: ho		
☐ Yes, details:		
Distant proximity	Close	proximity
Facility condition Low use/flow High use/flow	Low use/flow	High use/flo
Facility condition Low use/flow High use/flow		
Poor Low Moderate	Moderate	High

Wastewater t (within 2km)	reatmen	t pla	nt		☐ Applicable 〔	□ Not applicable
Name of outfall:						
Distance to site (m):				_		
Outfall type:		□ Dire	ect	☐ Short		☐ Long
Treatment level – Secondary + Disinfec	tion	□ No		☐ Prelin☐ Tertia	ninary ary + Disinfection	☐ Primary ☐ Lagoons
Average discharge v bypass event (mL)	olume per					
Dilution of bypass effl	uent	□ Hig	jh		LOW	
Minimum treatment le bypassed effluent	evel of	□ Noi	ne □ Pri	mary [	□ Secondary □	Tertiary/Lagoon
Bypassed effluent dis	infected	□ Ne	ver □S	ometime	es □ Always	
Likelihood of polluti	on from was	stewat	ter treatm	ent plan	t (circle the relev	ant likelihood)
Very low	Low		Moderate		High	Very high
May occur only in exceptional circumstances, e.g. 1 in 10 years	Unlikely to oc but could occ least once wit 5-year period	ur at	Might occuleast once per bathing season	or twice	Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis (e.g. once a week)
Often suitable when:  treatment is Secondary/Tertiary and disinfected and  discharged offshore.	Often suitable when:  Tertiary tre and disinfe and dischardirect or nearshore  if no treatmor disinfect but dischardirect or offshore.	ated cted, rged or nent ion,	Often suita when:  • treatmer Seconda Tertiary may be disinfect and  • discharg direct or nearsho	nt is ary/ and red	Often suitable when:  • treatment is None to Secondary and no disinfection and  • discharged nearshore.	Often suitable when:  • treatment is None to Primary only and no disinfection and  • discharges direct to swimming area.
Likelihood for pollution s this likelihood appro		ater tre □ Yes	eatment pla			
f no, new likelihood is			_ (please ju	ustify).		
Comment/Justification	:					
		· · · · · · · · ·				

	esig	nated sewag	e overflows		] Applicable □	Not applicable
Fo	r each o	verflow in the catchn	nent (or 1km radius)	, list:		
1.	Name:					
	Addres	SS:				
	Freque	ency per 10 years: _		Volume	o:	
2.	Name:					
	Addres	SS:				
	Freque	ency per 10 years: _		Volum	e:	
3.	Name:					
		SS:				
		ency per 10 years: _				
4.						
		SS:				
	Freque	ency per 10 years: _		Volume	:	
5.						
		SS:				
		ency per 10 years: _				
6.						
		SS:				
		ency per 10 years: _				
Dil	ution:	□ High	□ Low			
Lik	kelihoo	d of pollution from	designated sewag	ge overflow (cir	cle the relevar	nt likelihood)
			Fre	equency		,
D	ilution	May occur only in excep-tional circum-stances, e.g. 1 in 10 years	Unlikely to occur but could occur at least once within a 5-year period	Might occur at least once or twice per bathing season	Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis e.g. once a week.
Н	igh	Very Low	Very Low	Low	Moderate	High
L	ow	Very Low	Low	Moderate	High	Very High
		for pollution from dea				
		Justification:				(picase justily).

Sewer ch	okes and I	eakages		l Applicable □	Not applicable
For each overflo	w in the catchme	ent (or 1km radius)	, list:		
Date	Address				
	_				
	_				
Dilution:	ı High	□ Low			
Likelihood of p	oollution from s	ewer chokes and	d leakages (circ	le the relevant	likelihood)
			Frequency		
Dilution	May occur only in excep- tional circum- stances, e.g. 1 in 10 years	Unlikely to occur but could occur at least once within a 5-year period	Frequency  Might occur at least once or twice per bathing season	Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis e.g. once a week.
Dilution High	only in excep- tional circum- stances, e.g.	occur but could occur at least once within a 5-	Might occur at least once or twice per bathing	occur at least 3–4 times per bathing	on a regular basis e.g. once a
	only in exceptional circumstances, e.g. 1 in 10 years	occur but could occur at least once within a 5- year period	Might occur at least once or twice per bathing season	occur at least 3–4 times per bathing season	on a regular basis e.g. once a week.
High Low	only in exceptional circumstances, e.g. 1 in 10 years  Very Low  Very Low	occur but could occur at least once within a 5-year period  Very Low	Might occur at least once or twice per bathing season Low Moderate	occur at least 3–4 times per bathing season  Moderate  High	on a regular basis e.g. once a week.
High Low	only in exceptional circumstances, e.g. 1 in 10 years  Very Low  Very Low  Ollution from sewer	occur but could occur at least once within a 5-year period  Very Low  Low	Might occur at least once or twice per bathing season Low Moderate	occur at least 3–4 times per bathing season  Moderate  High	on a regular basis e.g. once a week.
High Low Likelihood for po	only in exceptional circumstances, e.g. 1 in 10 years  Very Low  Very Low  Ollution from sewer appropriate?	occur but could occur at least once within a 5-year period  Very Low  Low  er chokes and leak	Might occur at least once or twice per bathing season  Low  Moderate  ages is	occur at least 3–4 times per bathing season  Moderate  High	on a regular basis e.g. once a week.
High Low Likelihood for policy Is this likelihood If no, new likelihood	only in exceptional circumstances, e.g. 1 in 10 years  Very Low  Very Low  ollution from sewer appropriate?	occur but could occur at least once within a 5-year period  Very Low  Low er chokes and leak	Might occur at least once or twice per bathing season  Low  Moderate  ages is	occur at least 3–4 times per bathing season  Moderate  High	on a regular basis e.g. once a week.

Onsite sewage system	e disposal		□ Applicable	☐ Not applicable
Approximate number o systems in catchment	f 			
Distance to site from nearest system (m)	(not	including on-site to	ilet facilities identifi	ed under 'Toilets')
Any discharges/odour recorded?		ils:		
	n from onsite sev	vago disposal sv	stom (circle the r	elevant
Likelihood of pollution likelihood)	THOM Onsite set	wage disposal sy	stem (circle the re	oic vant
	Distant p		Close prox	
			·	
likelihood)	Distant p	roximity	Close prox	imity
likelihood)  Condition	Distant p	roximity >50 systems	Close prox	imity >50 systems
Condition  Good – no complaints  Poor – history of odour	<pre>Distant p &lt;50 systems Low Very Low</pre>	>50 systems  Moderate  Low	<50 systems  Moderate  Low	>50 systems High Moderate
Condition  Good – no complaints  Poor – history of odour and discharge	Com onsite sewage	>50 systems  Moderate  Low	<50 systems  Moderate  Low	>50 systems High Moderate
Condition  Good – no complaints  Poor – history of odour and discharge  Likelihood for pollution fr	Distant p <50 systems  Low  Very Low  rom onsite sewage iate? □ Yes	roximity  >50 systems  Moderate  Low  disposal system is	<50 systems  Moderate  Low	>50 systems High Moderate
Condition  Good – no complaints  Poor – history of odour and discharge  Likelihood for pollution from the street street in the street s	Distant p <50 systems  Low  Very Low  rom onsite sewage iate? □ Yes	roximity  >50 systems  Moderate  Low  disposal system is  No (please justify).	Close prox <50 systems Moderate Low	>50 systems High Moderate

Wastewater reuse		☐ Applicable ☐ Not applicable
Location of wastewater reuse area		
Distance from site to reuse area (m)		
Wastewater treated prior to use?	□ No □ Yes, details:	

#### Likelihood of pollution from wastewater reuse (circle the relevant likelihood)

Very low	Low	Moderate	High	Very high
May occur only in exceptional circumstances, e.g. 1 in 10 years	Unlikely to occur but could occur at least once within a 5-year period	Might occur at least once or twice per bathing season	Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis (e.g. once a week)
Likelihood for pollution	from wastewater re	euse is		
Is this likelihood appro	priate? □ Yes	□ No		
If no, new likelihood is	·	_ (please justify).		
Comment/Justification	ı:			

St	ormwater		□ Арр	licable ☐ Not applicable
Tota	number of drains at sw	imming site:		
	the two drains that have rits details).	e the most influen	ce on your sampling site (or	if there is only one drain,
Drai	•			
Loca	tion:			
	ance to site (m)			
Туре	e: □ Box Cu	lvert □ Creek	□ Pipe	
Discl	harge area: □ Dune	☐ Beach	☐ Offshore ☐ Direct	t <50m ☐ Direct >50m
Drai	n 2			
Loca	tion:			
Auth	ority:			
Dista	ance to site (m)			
• •	e: ☐ Box Cu		•	
Discl	harge area: ☐ Dune	☐ Beach	☐ Offshore ☐ Direct	t <50m ☐ Direct >50m
Prim	ary land use (choose	one): ☐ High dei	nsity urban	/ urban □ Rural – grazing
			cropping   Bushland/re	
Like	lihood of pollution fro	m stormwater dr	ain (circle the relevant like	elihood)
		Discharge are		
		Dune	Beach, offshore or direct >50 m	Direct <50 m
	High density urban	Low	Moderate	High
se	Low density urban	Very low	Low	Moderate
n pu	Low density urban  Rural – grazing  Rural – cropping	Very low	Low	Moderate
La	Rural – cropping	Very low	Low	Low
	Bushland/reserve	Very low	Low	Low
Likel	ihood for pollution from	stormwater drain	is	
Is thi	s likelihood appropriate	? □ Yes	□ No	
	new likelihood is			
Com	ment/Justification:			

River discharge		☐ Applicable	□ Not applicable	
Name of river:				
Distance from disch	narge point to site	e (m):		
Pollution sources in	river discharge:			
☐ Urban stormwater	☐ Leachate f	rom onsite wastew	ater systems	
☐ Agricultural runoff	☐ Intensive liv	estock production		
☐ Other, details:				
Likelihood of polluti	ion from river dis	charge (circle the	relevant likelihoo	od)
Likelihood of polluti Very low	ion from river disc	charge (circle the  Moderate	relevant likelihoo	od) Very high
				Very high Will occur on a
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years	Low Unlikely to occur but could occur at least once within a 5-year period	Moderate  Might occur at least once or twice per bathing season	High  Will probably occur at least 3–4 times per bathing season	Very high Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances,	Unlikely to occur but could occur at least once within a 5-year period	Moderate  Might occur at least once or twice per bathing season  ge is	High  Will probably occur at least 3–4 times per bathing season	Very high Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years  Likelihood for pollution	Unlikely to occur but could occur at least once within a 5-year period from river discharge priate?	Moderate  Might occur at least once or twice per bathing season  De is	High  Will probably occur at least 3–4 times per bathing season	Very high Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years  Likelihood for pollution is this likelihood appro	Unlikely to occur but could occur at least once within a 5-year period from river discharge priate?	Moderate  Might occur at least once or twice per bathing season  ge is No (please justify).	High  Will probably occur at least 3–4 times per bathing season	Very high Will occur on a regular basis (e.g.

Lagoons			☐ Applicable	□ Not applicable
Name of lagoon:				
Distance to site (m):				
Area of lagoon (sq kn	n):			
Catchment area (sq k	km):			
Sources of pollution t	o lagoon:			
☐ Urban stormwater	☐ Agricultural	runoff		
☐ Other, details:				
Likelihood of pollut	ion from lagoon (	circle the relevant	: likelihood)	
Very low	Low	Moderate	High	Very high
May occur only in exceptional circumstances, e.g. 1 in 10 years	Unlikely to occur but could occur at least once within a 5-year period	Might occur at least once or twice per bathing season	Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis (e.g. once a week)
Likelihood for pollution	n from river lagoon is	s		
Is this likelihood appro	priate?	□ No		
If no, new likelihood is		_ (please justify).		
Comment/Justification	1:			

Boats		☐ Applicable	□ Not applicable
What is located near the site?	<ul><li>☐ Marina</li><li>☐ Harbour</li><li>☐ Anchorage</li><li>☐ Boat ramp</li></ul>	<ul><li>□ Permanent moorings</li><li>□ Temporary moorings</li><li>□ Jetty</li><li>□ Ferry berth</li></ul>	
Distance from site to nearest bo	oat (m):		
Number of boats near site:			
Pump-out facilities provided?	□ No □ Yes, details:		
Complaints of boat discharges?	□ No □ Yes, details:		
Onshore toilets provided?	□ No □ Yes, details:		
Likelihood of pollution from b	poats (circle the rele	evant likelihood)	
Waste management	<20 boats	20-50 boats	50-100 boats
Good (holding tanks required)	Very Low	Very Low	Low
Poor (holding tanks not required)	Low	Moderate	Moderate
Likelihood for pollution from boat	s is		
Is this likelihood appropriate?	□ Yes □ N	0	
If no, new likelihood is	(please jus	stify).	
Comment/Justification:			

Animals			☐ Applicable	☐ Not applicable
Aquatic birds □ Y	es □ No			
Density: ☐ Low	□ Medium □ l	High		
Roosting structure	es present: 🗆 Yes	s □ No		
Native animals ☐ Y	es □ No			
Density: ☐ Low	☐ Medium ☐ H	High		
Domestic animal exe	ercise area 🗆 🖰 Ye	es □ No		
Types: □ Dogs □	Horses ☐ Other,	details:		
Dog waste bags prese	ent? □ Yes □	No		
Animals directly acces	s water? □ Yes	□ No		
Area regularly cleaned	d? □ Yes □ No	0		
Likelihood of polluti Very low	on from animals	(circle the relevan	t likelihood) High	Very high
·		`	,	Very high Will occur on a regular basis (e.g. once a week)
Very low  May occur only in exceptional circumstances,	Low Unlikely to occur but could occur at least once within a 5-year period	Moderate  Might occur at least once or twice per bathing season	High Will probably occur at least 3–4 times per bathing	Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years	Unlikely to occur but could occur at least once within a 5-year period  from animals is	Moderate  Might occur at least once or twice per bathing season	High Will probably occur at least 3–4 times per bathing	Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years  Likelihood for pollution	Unlikely to occur but could occur at least once within a 5-year period from animals is priate?	Moderate  Might occur at least once or twice per bathing season	High Will probably occur at least 3–4 times per bathing	Will occur on a regular basis (e.g.
Very low  May occur only in exceptional circumstances, e.g. 1 in 10 years  Likelihood for pollution ls this likelihood appro	Unlikely to occur but could occur at least once within a 5-year period from animals is priate?	Moderate  Might occur at least once or twice per bathing season  No  (please justify).	High  Will probably occur at least 3–4 times per bathing season	Will occur on a regular basis (e.g.

#### **2C. MANAGEMENT**

Which management controls are in place to warn people of periods of increased risk?
□ None □ Permanent on-site signage □ Temporary on-site signage □ Media releases
☐ Beach closures ☐ Website ☐ Other, details
Provide details of advisories:
Do management controls effectively prevent people from entering the water during these periods?
□ No □ Yes, details:
Is there a management response plan in place to deal with exceptional events such as sewage overflows and bypasses?
□ No □ Yes, details:

## 3. Risk calculation and summary

On the form on the next page complete the following steps:

**Step 1:** Fill out the **likelihood** for each of the identified pollution sources (leave blank if pollution source not relevant/identified).

**Step 2:** For each identified pollution source, select whether the pollution will occur during dry and/or wet weather conditions.

**Step 3:** Fill out the **numerical likelihoods** (on the next page) only where they exist for dry and/or wet weather conditions –

Very low = 0.1

Low = 0.2

Moderate = 1.0

High = 3.0

Very high = 12.0

**Step 4:** Sum the **numerical likelihoods** and write the totals for dry and/or wet weather conditions.

Pollution source	Likelihood	Numerical likelihood
Bathers		=
Toilet facilities		=
Sewage treatment plant outfalls		=
Designated sewage overflows		=
Sewer Chokes and Leakages		=
Onsite sewage disposal systems		=
Wastewater reuse		=
Stormwater		=
River discharge		=
Lagoons		=
Boats		=
	Sum of numerical likelihoods:	=

**Step 5:** Add **numerical likelihood** for animal pollution sources where they exist for dry and/or wet weather conditions to the **sum of numerical likelihoods** calculated in the previous table.

Very low = 0.1

Low = 0.1

Moderate = 0.2

High = 1.0

Very high = 1.0

Pollution source	Likelihood	Numerical likelihood
Animals		=
	Sum of numerical likelihoods (from table above):	=
	Total numerical likelihood	=

**Step 6:** Using the **total numerical likelihood** (calculated above), identify the **sanitary inspection category** using the table below.

Total numerical likelihood	Sanitary inspection category
0.0-00.19	Very low
0.2-00.99	Low
1.0-02.99	Moderate
3.0–11.99	High
>12	Very high

The sanitary inspection category for this site is:

Environment, Energy and Science, Department of Planning, Industry and Environment 4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150.

Phone: 1300 361 967 (Environment, Energy and Science enquiries);

email: info@environment.nsw.gov.au; Website: www.environment.nsw.gov.au.

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