

COASTAL SITE INFORMATION

SURVEYOR DETAILS		
Organisation:		<i>Organisation responsible for survey</i>
Surveyor name:		<i>Name of data recorder</i>
Contact number:		<i>Contact number for data recorder</i>
Contact email:		<i>Contact email for data recorder</i>
Access point location:	Latitude: Longitude:	<i>Latitude and longitude of access point where you enter the beach (dd.dddd). Ensure GPS is in WGS 84.</i>
GPS accuracy:		<i>Accuracy (metres) of GPS at time of reading.</i>

SITE DETAILS								
Location/Municipality		<i>Town location of site</i>						
Country:		<i>Country in which site was sampled</i>						
Survey date:		<i>Date survey undertaken (dd/mm/yyyy).</i>						
Site ID code:		<i>Site ID code (provided by CSIRO)</i>						
Site name:		<i>Unique name of site</i>						
Photo info:		<i>The name of photographer and photo #s from the site</i>						
Number of humans:	Time of day (00:00): Visible distance (m): No. of people:	<i>Number of people counted in the visible area measured by instantaneous count. Visible distance is length of shore with a clear and unobstructed view.</i>						
Current weather:	Clear Rain/Storm Overcast Drizzle	<i>Circle best option to describe the weather.</i>						
Wind speed:	<table style="margin: auto; border: none;"> <tr> <td style="padding: 0 10px;">0</td> <td style="padding: 0 10px;">1</td> <td style="padding: 0 10px;">2</td> </tr> <tr> <td style="padding: 0 10px;">3</td> <td style="padding: 0 10px;">4</td> <td style="padding: 0 10px;">5</td> </tr> </table>	0	1	2	3	4	5	<i>0: calm (flat ocean)</i> <i>1: light breeze (wavelets, <10km/h , <6 knots)</i> <i>2: moderate breeze (small waves braking crests, 10-25km/h, 6-20 knots)</i> <i>3: strong breeze (waves and many white caps, 25-49km/h, 21- 26 knots)</i> <i>4: high wind (white caps and airborne spray, 50-65 km/h , 27-35 knots)</i> <i>5: gale (high waves, foam and spray present, 65-85 km/h, 35-45 knots)</i>
0	1	2						
3	4	5						
Wind direction: <i>(compass)</i>	N NE E SE S SW W NW N/A	<i>Direction from which wind is coming measured by the compass. N/A if no wind.</i>						
Wind direction: <i>(relative to shore)</i>	<table style="margin: auto; border: none;"> <tr> <td style="padding: 0 20px;">onshore</td> <td style="padding: 0 20px;">offshore</td> <td style="padding: 0 20px;">sideshore</td> </tr> <tr> <td></td> <td style="padding: 0 20px;">side-on</td> <td style="padding: 0 20px;">side-off</td> </tr> </table>	onshore	offshore	sideshore		side-on	side-off	<i>Onshore: wind blowing towards shore</i> <i>Offshore: wind blowing towards sea</i> <i>Sideshore: wind blowing parallel to shore</i> <i>Side-onshore: wind blowing sideways and towards shore</i> <i>Side-offshore: wind blowing sideways and towards sea</i>
onshore	offshore	sideshore						
	side-on	side-off						
Date of last clean up:		<i>If known.</i>						
Access to site	Paved Unpaved Trail Other (specify):							
Trash cans or rubbish bins present?	Yes No							
Cleanliness at first glance :	No debris visible Scattered debris visible Lots of debris visible Large amounts of dumped debris							
Evidence of dumping? <i>(circle one or more)</i>	None Construction Household Other(specify):							
Evidence of recent activities at site: <i>(circle one or more)</i>	None Clean-up or removal of rubbish Apparent spilled trash or rubbish Storm or flood High winds Public event Mowing							
Comments:								

Coastal Transect Data

Site ID Code:	Date	Transect Number: _____ of _____
Transect length (m):	Transect width (m):	Total No. of surveyors:
Subsampled? Y N	Subsample measurement:	<i>Dimension of each subsample area (e.g. 50cm x 200cm)</i>

Transect start:	Latitude: Longitude: Start Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd)</i> <i>Record Start Time of Transect</i> <i>Photographer name and number of photo, taken from transect start point</i>
Transect end:	Latitude: Longitude: End Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd)</i> <i>Record End Time of Transect</i> <i>Photographer name and number of photo,, taken from transect end point</i>
Distance to dominant debris line (m):		<i>Distance from water edge to major debris line (in meters) at time of survey. If no obvious debris line use NA.</i>
Beach gradient:	A B C D E	<i>Difference in elevation from start to end of transect.</i> <i>A = < 1 m (less than hip height)</i> <i>B = 1-2 m (hip to head height)</i> <i>C = 2-4 m (1-2 body length)</i> <i>D = 4-8 m (2-4 body lengths)</i> <i>E = > 8 m (more than 4 body lengths)</i>
Substrate type:	Mud Sand Pebble / Gravel Boulders Rock slab Mangrove	<i>Major substrate type</i>
Substrate colour (if visible):	White / cream Yellow Orange Brown Black Grey Red Green	<i>Predominant colour of substrate (not vegetation)</i>
Backshore type:	Cliff Seawall Urban building Forest / Tree (> 3m) Shrub (< 3m) Dune Grass - tussock Grass - pasture Mangrove	<i>Physical structure of backshore, where beach meets terrestrial vegetation</i>
Shore exposure or shape:	Cove/bay Straight Headland	<i>Shape of beach where survey is conducted. Based on 50m each side of transect.</i>
Aspect:	N NE E SE S SW W NW	<i>Direction when you are facing the water</i>
Evidence of dumping? (circle one or more)	None Construction Household Other(specify):	
Evidence of recent activities within transect area: (circle one or more)	None Clean-up or removal of rubbish Apparent spilled trash or rubbish Storm or flood High winds Public event Mowing	
Comments:		

Name of data recorder:

Name of person who entered data:

River Transect Data

Site ID Code:	Date:	Transect No. _____ of _____
Transect length (m):	Transect width (m):	No. of surveyor(s):
Subsampled: Y N	Subsample measurement:	Dimension of each subsample (e.g. 50cm x 200cm)

Transect start:	Latitude: Longitude: Start Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd)</i> <i>Start Time of Transect</i> <i>Photographer name and number of photo, taken from transect start point.</i>
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Transect end:	Latitude: Longitude: End Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd)</i> <i>Record End Time of Transect</i> <i>Photographer name and number of photo, taken from transect end point</i>
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Distance to dominant debris line (m):		<i>Distance from water edge to major debris line. If not obvious, use NA.</i>
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Distance to top of bank (m):		<i>Distance from water edge to top of the bank</i>
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Distance of river influence/erosion line (m):		<i>Height that water comes up the bank/erosion line</i>
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River gradient:	A B C D E	<i>Difference in elevation from start to end of transect.</i> <i>A = < 1 m (less than hip height), B = 1-2 m (hip to head height)</i> <i>C = 2-4 m (1-2 body length) D = 4-8 m (2-4 body lengths)</i> <i>E = > 8 m (more than 4 body lengths)</i>
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Bank type:	Mud Sand Pebble/Gravel Cobble Boulders Rock slab Mangrove Dirt bank Vegetated Cement	<i>Major substrate type</i>
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Bank substrate colour (if visible):	White/cream Yellow Orange Brown Black Grey Red Green	<i>Predominant colour of substrate (not vegetation)</i>
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Bank vegetation:	Grass/Reeds Broadleaf/herb Shrub (< 3m) Tree (> 3m) Forest None	<i>Circle the best option to describe the type of vegetation on the transect</i>
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Vegetation height:	No vegetation 0 – 5cm 5 – 50cm 50 – 100cm 100 – 200cm >200cm	<i>Height of the vegetation on the transect</i>
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Percent (%) Bare ground %		<i>How much of the transect is bare ground (i.e. unvegetated) (in 10% intervals)</i>
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Percent (%) of area surveyed:		<i>If unable to survey the whole area, what was sampled (in 10% intervals)</i>
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Shore exposure or shape:	Cove / bay Straight Headland	<i>Shape of river where survey is conducted. Based on 50m each side of transect.</i>
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Aspect:	N NE E SE S SW W NW	<i>Direction when you are facing the water</i>
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River bank channelized? (e.g. human intervention changes course of river)	Yes No	Storm water drains present?	Yes No
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Evidence of dumping? (circle one or more)	None Construction Household	Other(specify):
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Evidence of recent activities within survey area: (circle one or more)	None Clean-up or removal of rubbish Storm or flood High winds	Apparent spilled trash or rubbish Public event Mowing
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Comments:

INLAND SITE INFORMATION

SURVEYOR DETAILS		
Organisation:		<i>Organisation responsible for survey</i>
Surveyor name:		<i>Name of data recorder</i>
Contact number:		<i>Contact number for data recorder</i>
Contact email:		<i>Contact email for data recorder</i>
Site location:	Latitude: Longitude:	<i>Latitude and longitude of site location (dd.dddd). Ensure GPS is in WGS 84.</i>
GPS Accuracy		<i>Accuracy (metres) of GPS at time of reading</i>

SITE DETAILS								
Location/Municipality:		<i>Town location of site</i>						
Country:		<i>Country in which site was sampled</i>						
Survey date:		<i>Date survey undertaken (dd/mm/yyyy)</i>						
Site ID code:		<i>Site ID code (provided by CSIRO)</i>						
Site name:		<i>Unique name of site</i>						
Photo number/s and name of photographer		<i>The name of photographer and numbers of photos taken at the site</i>						
Dominant land use:	Industrial Residential Commercial/Municipal Natural/Parkland Agricultural Roadway	<i>Circle best option to describe the dominant land use at the site</i>						
Number of humans:	Time of day (00:00): No. of people:	<i>Number of people counted in a 100 x 100m area</i>						
Current weather:	Clear Rain/Storm Overcast Drizzle	<i>Circle best option to describe the weather.</i>						
Wind speed:	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">0</td> <td style="padding: 0 10px;">1</td> <td style="padding: 0 10px;">2</td> <td style="padding: 0 10px;">3</td> <td style="padding: 0 10px;">4</td> <td style="padding: 0 10px;">5</td> </tr> </table>	0	1	2	3	4	5	<i>0: calm 1: light breeze (<10km/h , <6 knots) 2: mod. breeze (10-25km/h, 6-20 kn) 3: strong breeze (25-49km/h, 21- 26 kn) 4: high wind (50-65 km/h , 27-35 kn) 5: gale (65-85 km/h, 35-45 kn)</i>
0	1	2	3	4	5			
Wind direction: (compass)	N NE E SE S SW W NW N/A	<i>Direction from which wind is coming measured by the compass. N/A if no wind.</i>						
Date of last clean up:		<i>If known</i>						
Access to site:	Paved Unpaved Trail Other (specify):							
Trash cans or rubbish bins present?	Yes No							
Cleanliness at first glance :	No debris visible Scattered debris visible Lots of debris visible Large amounts of dumped debris							
Evidence of dumping? (circle one or more)	None Construction Household Other(specify):							
Evidence of recent activities at site: (circle one or more)	None Clean-up or removal of rubbish Apparent spilled trash or rubbish Storm or flood High winds Public event Mowing							
Comments:								

Inland Transect Data

Site ID Code:	Date:	Transect Number: _____ of _____
Transect length (m):	Transect width (m):	Total No. of surveyors:
Subsampled? Y N	Subsample measurement:	<i>Dimension of each subsample (e.g. 50cm x 200cm)</i>

Transect Start:	Latitude: Longitude: Start Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd) Ensure GPS is in WGS 84</i> <i>Record Start Time of transect</i> <i>Photographer name and number of photo, taken from transect start point</i>
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Transect End:	Latitude: Longitude: End Time (00:00): Photo #/photog. name:	<i>Latitude and longitude recorded in decimal degrees (dd.dddd)</i> <i>Record End Time of transect</i> <i>Photographer name and number of photo, taken from transect end point</i>
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Type of transect:	<table style="width: 100%; text-align: center;"> <tr> <td>Walkway</td> <td>Car park</td> <td>Roadway</td> <td>School</td> <td>Public transport</td> </tr> <tr> <td>Drain</td> <td>Natural Veg.</td> <td>Wetland</td> <td>Park</td> <td>Disused</td> </tr> <tr> <td>Ag/ pasture</td> <td>Ag/ cultivated</td> <td colspan="3">Other (specify):</td> </tr> </table>	Walkway	Car park	Roadway	School	Public transport	Drain	Natural Veg.	Wetland	Park	Disused	Ag/ pasture	Ag/ cultivated	Other (specify):			<i>Circle the best option to describe the type of land use of the transect area</i>
Walkway	Car park	Roadway	School	Public transport													
Drain	Natural Veg.	Wetland	Park	Disused													
Ag/ pasture	Ag/ cultivated	Other (specify):															

Slope/gradient:	<table style="width: 100%; text-align: center;"> <tr> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>D</td> <td>E</td> <td>F</td> </tr> </table>	A	B	C	D	E	F	<i>Difference in elevation from start to end of transect.</i> <i>A = Flat (no difference) B = 5-50cm (ankle to knee height)</i> <i>C = 50-100cm (knee to hip) D = 100-150cm (hip to chest)</i> <i>E = 150-180cm (chest to head) F = > 180cm (above head height)</i>
A	B	C						
D	E	F						

Vegetation height:	<table style="width: 100%; text-align: center;"> <tr> <td>No vegetation</td> <td>0 – 5cm</td> <td>5 – 50cm</td> </tr> <tr> <td>50 – 100cm</td> <td>100 – 200cm</td> <td>>200cm</td> </tr> </table>	No vegetation	0 – 5cm	5 – 50cm	50 – 100cm	100 – 200cm	>200cm	<i>Height of the vegetation in the transect area</i>
No vegetation	0 – 5cm	5 – 50cm						
50 – 100cm	100 – 200cm	>200cm						

Substrate colour (if visible):	<table style="width: 100%; text-align: center;"> <tr> <td>White / cream</td> <td>Yellow</td> <td>Orange</td> <td>Brown</td> </tr> <tr> <td>Black</td> <td>Grey</td> <td>Red</td> <td></td> </tr> </table>	White / cream	Yellow	Orange	Brown	Black	Grey	Red		<i>Predominant colour of substrate (not vegetation)</i>
White / cream	Yellow	Orange	Brown							
Black	Grey	Red								

Percent (%) Bare ground		<i>How much of the transect area is bare ground (i.e. un-vegetated) (in 10% intervals)</i>
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Percent (%) of area surveyed:		<i>If unable to survey the whole area what was sampled (in 10% intervals)</i>
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Cleanliness at first glance:	<table style="width: 100%; text-align: center;"> <tr> <td>No debris visible</td> <td>Scattered debris visible</td> </tr> <tr> <td>Lots of debris visible</td> <td>Large amounts of dumped debris</td> </tr> </table>	No debris visible	Scattered debris visible	Lots of debris visible	Large amounts of dumped debris
No debris visible	Scattered debris visible				
Lots of debris visible	Large amounts of dumped debris				

Evidence of dumping? (circle one or more)	<table style="width: 100%; text-align: center;"> <tr> <td>None</td> <td>Construction</td> <td>Household</td> <td>Other(specify):</td> </tr> </table>	None	Construction	Household	Other(specify):
None	Construction	Household	Other(specify):		

Evidence of recent activities within transect area: (circle one or more)	<table style="width: 100%; text-align: center;"> <tr> <td>None</td> <td>Clean-up or removal of rubbish</td> <td>Apparent spilled trash or rubbish</td> </tr> <tr> <td>Storm or flood</td> <td>High winds</td> <td>Public event</td> <td>Mowing</td> </tr> </table>	None	Clean-up or removal of rubbish	Apparent spilled trash or rubbish	Storm or flood	High winds	Public event	Mowing
None	Clean-up or removal of rubbish	Apparent spilled trash or rubbish						
Storm or flood	High winds	Public event	Mowing					

Comments:

ITEMS		ID	Fragment	Whole	ITEMS Cont.		ID	Fragment	Whole
Hard Plastic	Pipe/PVC	H1			Foam	Food container	D1		
	Beverage bottle <1 L	H2				Cup/plates/bowls	D2		
	Other bottle	H3				Polystyrene	D4		
	Bottle cap/lid	H4				Unknown/other	D5		
	Food container	H5			Paper	Cigarette/butt	P1		
	Utensil/plate/bowl	H6				Paper/cardboard	P2		
	Bucket/Crate	H7				Magazine/newspaper	P3		
	Lighter	H8				Bag	P4		
	Lollipop stick/earbud	H9				Box	P5		
	Unknown/other hard	H10				Food container/box	P6		
				Food wrapper/bag		P7			
				Beverage container		P8			
				Cups		P9			
				Plates/bowls		P10			
				Unknown/other		P11			
Soft Plastic	Thin film carry bag	S1			Fishing	Net	F1		
	Food wrapper/label	S2				Fishing line	F2		
	Sheeting	S3				Fishing Lures	F3		
	Cup/lid	S4				Buoys/floats	F4		
	Straw	S5				Glow stick	F5		
	Unknown/other soft	S6				Fishhook/sinker	F6		
	Other plastic bag	S7				Unknown/other	F7		
Plastic Straps	String/rope/ribbon	BP1			Miscellaneous	Battery	Z1		
	Packing strap	BP2				Brick/cement	Z2		
	Cable ties	BP3				Carpet	Z3		
	Unknown/other strap	BP4				Ceramic	Z4		
Metal	Pipe	M1				E Waste	Z5		
	Wire	M2				Furniture	Z6		
	Aerosol	M3				Appliances	Z7		
	Beverage can	M4				Large car parts	Z9		
	Food can/tin	M5				Large boat parts	Z10		
	Lid/cap	M6				Bag/box dom. waste	Z11		
	Food wrapper	M7				Nurdles	Z12		
	Aluminium foil	M8				Other		O1	
	Bucket/drum	M9					O2		
	Unknown/other hard	M10					O3		
	Unknown/other soft	M11					O4		
					O5				
					O6				
Glass	Beverage bottle	G1			Rubber	Thong/shoe	R1		
	Jar	G2				Tyre	R2		
	Light globe/tube	G3				Balloon	R3		
	Unknown/other glass	G4				Rubber band	R4		
				Unknown/other		R5			
Cloth	String/rope/strap	C1			Timber	Wood/timber	T1		
	Clothing/towel	C2				Utensil/food stick	T2		
	Wipes/cloths	C3				Bottle cork	T3		
	Insulation/stuffing	C4				Pallet	T4		
	Unknown/other	C5				Unknown/other	T5		

Size class (and sub-sampling intervals)

Interval start (m)	Dist on tran	ID (F/W)	Size class
1 0 -			
2			
3			
4			
5			
6			
7			
8			
9			
10 - (end)			

SURFACE TRAWL SITE INFORMATION

STATION DETAILS			
Country			
Location	<i>(e.g. river name, nearest city, etc)</i>		
Station Number			
Surveyor name and organisation			
Date <i>(local; dd/mm/yyyy)</i>			
Net type			
Net mesh size			
Net mouth dimensions			
Salinity <i>(if known, ppt)</i>		Sea surface temperature (°C)	

TOW DETAILS			
Tow Number	1	2	3
Wind speed <i>(true, kn)</i>			
Wind direction (degrees)			
Start latitude (decimal deg)			
Start longitude (decimal deg)			
Start time <i>(local / UTC)</i>			
Start flow meter count			
End latitude <i>(-S)</i>			
End longitude <i>(E)</i>			
End time <i>(local / UTC)</i>			
End flow meter count			
Average vessel speed <i>(ground, kn)</i>			
Average vessel direction (degrees)			
Average depth <i>(local, m)</i>			
Notes			

Surface Trawl Collection Data

Country	
Location (e.g. river name, nearest city, etc)	
Station Number	

Collection Data	Separate the three sorts for each sample in the boxes provided								
Tow Number	1			2			3		
Sorted By (name)									
Sort number	1	2	3	1	2	3	1	2	3
Hard plastic									
Soft plastic									
Plastic line / fibres									
Foam / Styrofoam									
TOTAL PLASTIC									
Photo details									
Notes									