



**Community values for  
environmental assets in  
Cockburn Sound - Appendices**

**Theme:** Social Values  
WAMSI Westport Marine Science Program



WESTERN AUSTRALIAN  
MARINE SCIENCE  
INSTITUTION

**WESTPORT**

Better science **Better decisions**



## Appendix 1

Statements used by Boutilier and Thomson (2011) to measure different levels of SLO.

## Appendix 2

Full SLO SEM results

## Appendix 3

Results from regressing well-being responses on predicted class membership.

## Appendix 4

Full survey.

## Appendix 5

Data Codebook.

## Appendix 6

Summary tables of all survey responses.

## Appendices

### Appendix 1

---

Statements used by Boutilier and Thomson (2011) to measure different levels of SLO for a specific company.

---

*Statements measuring the level of "Economic legitimacy"*

EL1 Economic legitimacy 1 "We can gain from a relationship with the mine"

EL2 Economic legitimacy 2 "We need to have the cooperation of the mine to reach our most important goals"

*Statements measuring the level of "Interactional trust"*

IT1 Interactional trust 1 "The mine does what it says it will do in its relations with our organization"

IT2 Interactional trust 2 "We are very satisfied with our relation with the mine"

IT3 Interactional trust 3 "The presence of the mine is a benefit to us"

IT4 Interactional trust 4 "The mine listens to us"

*Statements measuring the level of "Socio-political legitimacy"*

SL1 Socio-political legitimacy 1 "In the long term the mine makes a contribution to the well-being of the whole region"

SL2 Socio-political legitimacy 2 "The mine treats everyone fairly"

SL3 Socio-political legitimacy 3 "The mine respects our way of doing things"

SL4 Socio-political legitimacy 4 "Our organization and the mine have a similar vision for the future of this region"

*Statements measuring the level of "Institutionalized trust"*

IT1 Institutionalized trust 1 "The mine gives more support to those who it negatively affects"

IT2 Institutionalized trust 2 "The mine shares decision-making with us"

IT3 Institutionalized trust 3 "The mine takes account of our interests"

IT4 Institutionalized trust 4 "The mine is concerned about our interests"

IT5 Institutionalized trust 5 "The mine openly share information that is relevant to us"

---

## Appendix 2

### Full SLO SEM results

		Coef.	Std.Err.	z	P>z	[95%Conf.	Interval]
q41_1	L1	1			(constrained)		
q41_2	L1	0.785	0.056	14.080	0.000	0.676	0.895
q41_3	L2	1			(constrained)		
q41_4	L2	1.083	0.066	16.350	0.000	0.953	1.213
q41_5	L1	1.936	0.143	13.540	0.000	1.656	2.216
q41_6	L2	1.424	0.086	16.640	0.000	1.257	1.592
q41_7	L1	2.124	0.189	11.210	0.000	1.753	2.495
q42_1	L2	1.404	0.087	16.150	0.000	1.233	1.574
q42_2	L2	1.722	0.109	15.770	0.000	1.508	1.936
q42_3	L2	1.373	0.084	16.440	0.000	1.209	1.537
q42_4	L2	1.355	0.083	16.400	0.000	1.193	1.517
q42_5	L2	1.323	0.082	16.180	0.000	1.163	1.484
q42_6	L2	1.553	0.097	16.090	0.000	1.364	1.742
q42_7	L2	1.523	0.093	16.300	0.000	1.339	1.706
q42_8	L2	1.223	0.075	16.400	0.000	1.077	1.370
L1							
	Q50 Yes	0.285	0.133	2.140	0.032	0.024	0.547
	q38_1	0.273	0.042	6.450	0.000	0.190	0.356
	inca	0.523	0.131	4.000	0.000	0.267	0.779
	age	0.009	0.004	2.200	0.028	0.001	0.016
L2							
	Q50 Yes	-0.128	0.123	-1.040	0.299	-0.370	0.114
	q38_1	0.543	0.044	12.280	0.000	0.456	0.629
	inca	0.097	0.119	0.820	0.413	-0.136	0.330
	age	-0.005	0.004	-1.460	0.145	-0.012	0.002



	Coef.	Std.Err.	[95%Conf.	Interval]
/q41_1				
cut1	-3.861	0.383	-4.612	-3.110
cut2	-1.602	0.315	-2.219	-0.985
cut3	1.572	0.309	0.966	2.177
cut4	5.747	0.373	5.016	6.477
/q41_2				
cut1	-2.027	0.262	-2.540	-1.514
cut2	0.545	0.245	0.065	1.025
cut3	3.195	0.267	2.672	3.718
cut4	5.826	0.327	5.185	6.468
/q41_3				
cut1	-1.672	0.296	-2.251	-1.093
cut2	0.802	0.286	0.241	1.363
cut3	4.349	0.318	3.725	4.972
cut4	7.354	0.398	6.574	8.135
/q41_4				
cut1	-2.619	0.335	-3.275	-1.962
cut2	-0.062	0.307	-0.665	0.540
cut3	4.765	0.350	4.079	5.451
cut4	7.674	0.429	6.833	8.515
/q41_5				
cut1	-4.658	0.660	-5.952	-3.364
cut2	-0.770	0.576	-1.899	0.359
cut3	3.906	0.612	2.706	5.105
cut4	9.889	0.797	8.327	11.450
/q41_6				
cut1	-2.204	0.414	-3.015	-1.394
cut2	1.162	0.401	0.376	1.947
cut3	5.466	0.443	4.598	6.335
cut4	9.559	0.553	8.475	10.643
/q41_7				
cut1	-4.382	0.709	-5.772	-2.993
cut2	-0.216	0.629	-1.449	1.017
cut3	4.857	0.693	3.499	6.216
cut4	10.602	0.904	8.830	12.374
/q42_1				
cut1	-3.201	0.429	-4.042	-2.360
cut2	0.355	0.393	-0.416	1.126
cut3	5.754	0.448	4.877	6.632
cut4	9.439	0.549	8.362	10.516
/q42_2				
cut1	-3.339	0.511	-4.341	-2.337
cut2	0.298	0.479	-0.642	1.238
cut3	5.772	0.530	4.734	6.810
cut4	10.932	0.673	9.612	12.251
/q42_3				
cut1	-2.929	0.415	-3.742	-2.117
cut2	0.622	0.385	-0.133	1.377
cut3	4.972	0.421	4.147	5.797
cut4	8.907	0.517	7.894	9.919
/q42_4				
cut1	-2.598	0.402	-3.387	-1.810
cut2	0.733	0.381	-0.013	1.479
cut3	5.154	0.421	4.330	5.979
cut4	9.605	0.550	8.527	10.683
/q42_5				
cut1	-3.188	0.407	-3.986	-2.390
cut2	0.135	0.372	-0.594	0.864

cut3	3.887	0.393	3.117	4.658
cut4	8.565	0.501	7.584	9.547
/q42_6				
cut1	-3.142	0.465	-4.053	-2.231
cut2	0.559	0.434	-0.292	1.409
cut3	4.874	0.466	3.961	5.787
cut4	9.641	0.580	8.505	10.776
/q42_7				
cut1	-2.947	0.452	-3.834	-2.061
cut2	0.862	0.426	0.027	1.697
cut3	4.981	0.459	4.083	5.880
cut4	9.540	0.568	8.428	10.653
/q42_8				
cut1	-2.750	0.372	-3.479	-2.021
cut2	0.304	0.345	-0.373	0.980
cut3	4.361	0.372	3.631	5.091
cut4	8.130	0.463	7.223	9.037
var(e.L1)	4.428	0.474	3.590	5.462
var(e.L2)	4.084	0.393	3.382	4.933
cov(e.L1,e.L2)	3.159	0.258	2.653	3.666

---

### Appendix 3

Results from regressing well-being responses on predicted class membership. See Codebook for variable definitions

Source	SS	df	MS	Number of obs	=	1,264
Model	7.6881759	2	3.84408795	F(2, 1261)	=	5.29
Residual	917.057868	1,261	.727246525	Prob > F	=	0.0052
				R-squared	=	0.0083
				Adj R-squared	=	0.0067
Total	924.746044	1,263	.732182141	Root MSE	=	.85279

q9_1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1262807	.086759	-1.46	0.146	-.2964886	.0439272
class3	-.2586171	.0821878	-3.15	0.002	-.4198569	-.0973772
_cons	4.322294	.0544569	79.37	0.000	4.215457	4.42913

Source	SS	df	MS	Number of obs	=	1,264
Model	7.45597978	2	3.72798989	F(2, 1261)	=	7.97
Residual	589.923767	1,261	.467822178	Prob > F	=	0.0004
				R-squared	=	0.0125
				Adj R-squared	=	0.0109
Total	597.379747	1,263	.472984756	Root MSE	=	.68398

q9_2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1237466	.0695848	-1.78	0.076	-.2602613	.012768
class3	-.2545177	.0659184	-3.86	0.000	-.3838396	-.1251959
_cons	4.594752	.043677	105.20	0.000	4.509065	4.68044

Source	SS	df	MS	Number of obs	=	1,264
Model	4.00352922	2	2.00176461	F(2, 1261)	=	3.65
Residual	691.13492	1,261	.54808479	Prob > F	=	0.0262
				R-squared	=	0.0058
				Adj R-squared	=	0.0042
Total	695.138449	1,263	.550386737	Root MSE	=	.74033

q9_3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1191851	.0753178	-1.58	0.114	-.2669471	.0285769
class3	-.1919995	.0713494	-2.69	0.007	-.3319761	-.052023
_cons	4.445851	.0472755	94.04	0.000	4.353103	4.538598



Source	SS	df	MS	Number of obs	=	1,264
Model	22.5938836	2	11.2969418	F(2, 1261)	=	8.92
Residual	1596.9433	1,261	1.26641023	Prob > F	=	0.0001
				R-squared	=	0.0140
				Adj R-squared	=	0.0124
Total	1619.53718	1,263	1.28229389	Root MSE	=	1.1253

q9_4	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1407862	.1144882	1.23	0.219	-.0838223	.3653946
class3	-.2420631	.108456	-2.23	0.026	-.4548372	-.0292891
_cons	3.057462	.071862	42.55	0.000	2.916479	3.198444

Source	SS	df	MS	Number of obs	=	1,264
Model	4.73992125	2	2.36996063	F(2, 1261)	=	2.77
Residual	1079.9816	1,261	.856448531	Prob > F	=	0.0632
				R-squared	=	0.0044
				Adj R-squared	=	0.0028
Total	1084.72152	1,263	.858845225	Root MSE	=	.92545

q9_5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0273395	.0941509	-0.29	0.772	-.2120491	.1573701
class3	-.1737739	.0891902	-1.95	0.052	-.3487514	.0012035
_cons	3.930671	.0590966	66.51	0.000	3.814732	4.046609

Source	SS	df	MS	Number of obs	=	1,264
Model	9.87003552	2	4.93501776	F(2, 1261)	=	4.54
Residual	1370.31984	1,261	1.08669297	Prob > F	=	0.0108
				R-squared	=	0.0072
				Adj R-squared	=	0.0056
Total	1380.18987	1,263	1.09278691	Root MSE	=	1.0424

q9_6	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0971877	.106054	-0.92	0.360	-.3052495	.110874
class3	-.2777212	.1004662	-2.76	0.006	-.4748204	-.0806219
_cons	3.390033	.066568	50.93	0.000	3.259437	3.52063

Source	SS	df	MS	Number of obs	=	1,264
Model	9.35024683	2	4.67512341	F(2, 1261)	=	8.48
Residual	695.194057	1,261	.551303772	Prob > F	=	0.0002
				R-squared	=	0.0133
				Adj R-squared	=	0.0117
Total	704.544304	1,263	.55783397	Root MSE	=	.7425

q9_7	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1093406	.0755386	1.45	0.148	-.0388547	.2575358
class3	-.1394679	.0715586	-1.95	0.052	-.2798549	.0009191
_cons	4.272913	.0474141	90.12	0.000	4.179894	4.365932

Source	SS	df	MS	Number of obs	=	1,264
Model	3.40848363	2	1.70424181	F(2, 1261)	=	4.28
Residual	502.41351	1,261	.398424671	Prob > F	=	0.0141
				R-squared	=	0.0067
				Adj R-squared	=	0.0052
Total	505.821994	1,263	.400492473	Root MSE	=	.63121

q9_8	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	.0325925	.0642165	0.51	0.612	-.0933905 .1585755
class3	-.1115652	.060833	-1.83	0.067	-.2309103 .0077799
_cons	4.533634	.0403074	112.48	0.000	4.454557 4.612711

Source	SS	df	MS	Number of obs	=	1,264
Model	1.44892734	2	.724463672	F(2, 1261)	=	0.92
Residual	990.556611	1,261	.785532602	Prob > F	=	0.3979
				R-squared	=	0.0015
				Adj R-squared	=	-0.0001
Total	992.005538	1,263	.785435897	Root MSE	=	.8863

q9_9	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	-.1217112	.0901687	-1.35	0.177	-.2986083 .055186
class3	-.0662635	.0854178	-0.78	0.438	-.2338402 .1013131
_cons	4.291036	.0565971	75.82	0.000	4.180002 4.402071

Source	SS	df	MS	Number of obs	=	1,264
Model	2.63860702	2	1.31930351	F(2, 1261)	=	3.63
Residual	457.822627	1,261	.363063146	Prob > F	=	0.0267
				R-squared	=	0.0057
				Adj R-squared	=	0.0042
Total	460.461234	1,263	.364577383	Root MSE	=	.60255

q9_10	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	-.0363911	.0613006	-0.59	0.553	-.1566535 .0838713
class3	-.1376374	.0580708	-2.37	0.018	-.2515633 -.0237114
_cons	4.683394	.0384772	121.72	0.000	4.607908 4.758881

Source	SS	df	MS	Number of obs	=	1,264
Model	9.40023171	2	4.70011585	F(2, 1261)	=	11.28
Residual	525.269863	1,261	.416550248	Prob > F	=	0.0000
				R-squared	=	0.0176
				Adj R-squared	=	0.0160
Total	534.670095	1,263	.423333409	Root MSE	=	.64541

q9_11	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	-.0020963	.065661	-0.03	0.975	-.1309131 .1267205
class3	-.2237097	.0622014	-3.60	0.000	-.3457393 -.1016801
_cons	4.59898	.0412141	111.59	0.000	4.518125 4.679836

Source	SS	df	MS	Number of obs	=	1,264
Model	6.00749472	2	3.00374736	F(2, 1261)	=	5.05
Residual	750.073993	1,261	.594824736	Prob > F	=	0.0065
				R-squared	=	0.0079
				Adj R-squared	=	0.0064
Total	756.081487	1,263	.598639341	Root MSE	=	.77125

q12_1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0343389	.0784636	-0.44	0.662	-.1882725	.1195947
class3	-.1975207	.0743294	-2.66	0.008	-.3433437	-.0516977
_cons	4.426585	.04925	89.88	0.000	4.329964	4.523207

Source	SS	df	MS	Number of obs	=	1,264
Model	5.19500885	2	2.59750443	F(2, 1261)	=	6.24
Residual	524.649928	1,261	.416058626	Prob > F	=	0.0020
				R-squared	=	0.0098
				Adj R-squared	=	0.0082
Total	529.844937	1,263	.419513014	Root MSE	=	.64503

q12_2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0202559	.0656222	0.31	0.758	-.1084849	.1489967
class3	-.1520726	.0621647	-2.45	0.015	-.2740302	-.0301151
_cons	4.526799	.0411898	109.90	0.000	4.445991	4.607607

Source	SS	df	MS	Number of obs	=	1,264
Model	3.8567768	2	1.9283884	F(2, 1261)	=	4.18
Residual	582.15509	1,261	.461661451	Prob > F	=	0.0156
				R-squared	=	0.0066
				Adj R-squared	=	0.0050
Total	586.011867	1,263	.463984059	Root MSE	=	.67946

q12_3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0716793	.0691251	1.04	0.300	-.0639335	.2072921
class3	-.0882702	.0654829	-1.35	0.178	-.2167377	.0401973
_cons	4.445473	.0433884	102.46	0.000	4.360351	4.530594

Source	SS	df	MS	Number of obs	=	1,264
Model	22.771287	2	11.3856435	F(2, 1261)	=	7.92
Residual	1812.72159	1,261	1.43752704	Prob > F	=	0.0004
				R-squared	=	0.0124
				Adj R-squared	=	0.0108
Total	1835.49288	1,263	1.45328019	Root MSE	=	1.199

q12_4	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1868386	.1219781	1.53	0.126	-.0524637	.4261409
class3	-.2029654	.1155512	-1.76	0.079	-.4296591	.0237283
_cons	3.243931	.0765632	42.37	0.000	3.093726	3.394136



Source	SS	df	MS	Number of obs	=	1,264
Model	5.45147853	2	2.72573927	F(2, 1261)	=	3.93
Residual	875.409281	1,261	.694218304	Prob > F	=	0.0200
				R-squared	=	0.0062
				Adj R-squared	=	0.0046
Total	880.860759	1,263	.697435281	Root MSE	=	.8332

q12_5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0479748	.084766	-0.57	0.572	-.2142728	.1183231
class3	-.1958013	.0802998	-2.44	0.015	-.3533372	-.0382654
_cons	4.282765	.0532059	80.49	0.000	4.178383	4.387147

Source	SS	df	MS	Number of obs	=	1,264
Model	5.87229392	2	2.93614696	F(2, 1261)	=	6.37
Residual	581.462358	1,261	.4611121	Prob > F	=	0.0018
				R-squared	=	0.0100
				Adj R-squared	=	0.0084
Total	587.334652	1,263	.465031395	Root MSE	=	.67905

q12_6	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0202673	.0690839	0.29	0.769	-.1152647	.1557994
class3	-.1625502	.065444	-2.48	0.013	-.2909412	-.0341591
_cons	4.518011	.0433626	104.19	0.000	4.432941	4.603082

Source	SS	df	MS	Number of obs	=	1,264
Model	5.46829017	2	2.73414508	F(2, 1261)	=	8.51
Residual	405.025381	1,261	.321193799	Prob > F	=	0.0002
				R-squared	=	0.0133
				Adj R-squared	=	0.0118
Total	410.493671	1,263	.325014783	Root MSE	=	.56674

q12_7	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0444251	.0576577	0.77	0.441	-.0686905	.1575407
class3	-.1389398	.0546198	-2.54	0.011	-.2460954	-.0317841
_cons	4.636566	.0361906	128.12	0.000	4.565565	4.707566

Source	SS	df	MS	Number of obs	=	1,264
Model	5.30758984	2	2.65379492	F(2, 1261)	=	3.99
Residual	838.9076	1,261	.665271689	Prob > F	=	0.0188
				R-squared	=	0.0063
				Adj R-squared	=	0.0047
Total	844.21519	1,263	.668420578	Root MSE	=	.81564

q12_8	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1563127	.08298	-1.88	0.060	-.3191066	.0064813
class3	-.2220173	.0786078	-2.82	0.005	-.3762339	-.0678007
_cons	4.513964	.0520849	86.67	0.000	4.411782	4.616147

Source	SS	df	MS	Number of obs	=	1,264
Model	4.73916642	2	2.36958321	F(2, 1261)	=	7.58
Residual	394.006878	1,261	.31245589	Prob > F	=	0.0005
				R-squared	=	0.0119
				Adj R-squared	=	0.0103
Total	398.746044	1,263	.315713416	Root MSE	=	.55898

q12_9	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0134058	.056868	-0.24	0.814	-.1249721	.0981606
class3	-.1659892	.0538717	-3.08	0.002	-.2716772	-.0603011
_cons	4.725074	.0356949	132.37	0.000	4.655046	4.795102

Source	SS	df	MS	Number of obs	=	1,264
Model	8.60372918	2	4.30186459	F(2, 1261)	=	11.12
Residual	488.000701	1,261	.386995005	Prob > F	=	0.0000
				R-squared	=	0.0173
				Adj R-squared	=	0.0158
Total	496.60443	1,263	.393194323	Root MSE	=	.62209

q12_10	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0320036	.0632887	0.51	0.613	-.0921592	.1561664
class3	-.1915887	.0599541	-3.20	0.001	-.3092095	-.0739679
_cons	4.578744	.0397251	115.26	0.000	4.500809	4.656678

Source	SS	df	MS	Number of obs	=	1,264
Model	5.8502011	2	2.92510055	F(2, 1261)	=	2.99
Residual	1233.09205	1,261	.977868395	Prob > F	=	0.0506
				R-squared	=	0.0047
				Adj R-squared	=	0.0031
Total	1238.94225	1,263	.980951898	Root MSE	=	.98887

q12_11	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.011551	.1006037	-0.11	0.909	-.2089201	.185818
class3	-.1824656	.095303	-1.91	0.056	-.3694355	.0045043
_cons	4.017268	.0631469	63.62	0.000	3.893383	4.141152

Source	SS	df	MS	Number of obs	=	1,264
Model	6.51613833	2	3.25806917	F(2, 1261)	=	2.87
Residual	1430.04003	1,261	1.13405237	Prob > F	=	0.0569
				R-squared	=	0.0045
				Adj R-squared	=	0.0030
Total	1436.55617	1,263	1.13741581	Root MSE	=	1.0649

q12_12	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0377185	.1083404	0.35	0.728	-.1748287	.2502657
class3	-.1596836	.102632	-1.56	0.120	-.361032	.0416647
_cons	3.735928	.0680031	54.94	0.000	3.602516	3.869339

Source	SS	df	MS	Number of obs	=	1,264
Model	8.37760855	2	4.18880428	F(2, 1261)	=	3.83
Residual	1378.86211	1,261	1.09346717	Prob > F	=	0.0219
				R-squared	=	0.0060
				Adj R-squared	=	0.0045
Total	1387.23972	1,263	1.09836874	Root MSE	=	1.0457

q15_1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0685554	.1063841	0.64	0.519	-.1401538	.2772647
class3	-.1614347	.1007788	-1.60	0.109	-.3591473	.0362779
_cons	3.624709	.0667752	54.28	0.000	3.493707	3.755712

Source	SS	df	MS	Number of obs	=	1,264
Model	7.10188005	2	3.55094002	F(2, 1261)	=	4.97
Residual	900.694797	1,261	.714270259	Prob > F	=	0.0071
				R-squared	=	0.0078
				Adj R-squared	=	0.0062
Total	907.796677	1,263	.718762215	Root MSE	=	.84515

q15_2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0812983	.0859815	0.95	0.345	-.0873842	.2499809
class3	-.1337145	.0814512	-1.64	0.101	-.2935093	.0260804
_cons	4.105897	.0539689	76.08	0.000	4.000019	4.211776

Source	SS	df	MS	Number of obs	=	1,264
Model	8.49726631	2	4.24863315	F(2, 1261)	=	8.35
Residual	641.552575	1,261	.508764929	Prob > F	=	0.0002
				R-squared	=	0.0131
				Adj R-squared	=	0.0115
Total	650.049842	1,263	.514687127	Root MSE	=	.71328

q15_3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0783134	.0725659	1.08	0.281	-.0640497	.2206765
class3	-.1551063	.0687424	-2.26	0.024	-.2899684	-.0202441
_cons	4.328395	.0455481	95.03	0.000	4.239037	4.417754

Source	SS	df	MS	Number of obs	=	1,264
Model	8.8934742	2	4.4467371	F(2, 1261)	=	3.87
Residual	1447.33991	1,261	1.14777154	Prob > F	=	0.0210
				R-squared	=	0.0061
				Adj R-squared	=	0.0045
Total	1456.23339	1,263	1.15299556	Root MSE	=	1.0713

q15_4	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1534378	.1089937	1.41	0.159	-.0603912	.3672668
class3	-.0909271	.103251	-0.88	0.379	-.2934897	.1116355
_cons	3.420084	.0684132	49.99	0.000	3.285868	3.5543



Source	SS	df	MS	Number of obs	=	1,264
Model	1.20451686	2	.602258429	F(2, 1261)	=	0.49
Residual	1561.79469	1,261	1.23853663	Prob > F	=	0.6150
				R-squared	=	0.0008
				Adj R-squared	=	-0.0008
Total	1562.99921	1,263	1.23752906	Root MSE	=	1.1129

q15_5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0376501	.1132213	0.33	0.740	-.1844728	.259773
class3	-.0514687	.1072558	-0.48	0.631	-.2618881	.1589508
_cons	3.128157	.0710668	44.02	0.000	2.988734	3.267579

Source	SS	df	MS	Number of obs	=	1,264
Model	16.4823819	2	8.24119094	F(2, 1261)	=	8.90
Residual	1167.26129	1,261	.925663195	Prob > F	=	0.0001
				R-squared	=	0.0139
				Adj R-squared	=	0.0124
Total	1183.74367	1,263	.937247562	Root MSE	=	.96211

q15_6	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1742975	.0978814	1.78	0.075	-.0177308	.3663259
class3	-.158288	.0927241	-1.71	0.088	-.3401986	.0236226
_cons	3.973174	.0614382	64.67	0.000	3.852641	4.093706

Source	SS	df	MS	Number of obs	=	1,264
Model	12.270584	2	6.135292	F(2, 1261)	=	9.36
Residual	826.469131	1,261	.655407717	Prob > F	=	0.0001
				R-squared	=	0.0146
				Adj R-squared	=	0.0131
Total	838.739715	1,263	.664085285	Root MSE	=	.80957

q15_7	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1763702	.0823625	2.14	0.032	.0147876	.3379528
class3	-.1108033	.0780229	-1.42	0.156	-.2638723	.0422657
_cons	4.198212	.0516973	81.21	0.000	4.096789	4.299634

Source	SS	df	MS	Number of obs	=	1,264
Model	5.4083638	2	2.7041819	F(2, 1261)	=	5.58
Residual	611.426288	1,261	.484874138	Prob > F	=	0.0039
				R-squared	=	0.0088
				Adj R-squared	=	0.0072
Total	616.834652	1,263	.488388481	Root MSE	=	.69633

q15_8	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1498483	.0708416	2.12	0.035	.0108679	.2888286
class3	-.0370911	.067109	-0.55	0.581	-.1687487	.0945666
_cons	4.357991	.0444659	98.01	0.000	4.270756	4.445227

Source	SS	df	MS	Number of obs	=	1,264
Model	11.5023145	2	5.75115725	F(2, 1261)	=	4.19
Residual	1732.54515	1,261	1.3739454	Prob > F	=	0.0154
				R-squared	=	0.0066
				Adj R-squared	=	0.0050
Total	1744.04747	1,263	1.38087686	Root MSE	=	1.1722

q15_9	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1976769	.11925	1.66	0.098	-.0362734	.4316272
class3	-.0783533	.1129669	-0.69	0.488	-.299977	.1432704
_cons	2.843613	.0748509	37.99	0.000	2.696767	2.990459

Source	SS	df	MS	Number of obs	=	1,264
Model	10.0629842	2	5.03149209	F(2, 1261)	=	6.59
Residual	962.566763	1,261	.763336053	Prob > F	=	0.0014
				R-squared	=	0.0103
				Adj R-squared	=	0.0088
Total	972.629747	1,263	.770094811	Root MSE	=	.87369

q15_10	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.147533	.0888856	1.66	0.097	-.026847	.3219131
class3	-.1126468	.0842024	-1.34	0.181	-.2778389	.0525454
_cons	4.085917	.0557918	73.24	0.000	3.976462	4.195371

Source	SS	df	MS	Number of obs	=	1,264
Model	11.2926138	2	5.64630688	F(2, 1261)	=	10.16
Residual	700.922576	1,261	.555846611	Prob > F	=	0.0000
				R-squared	=	0.0159
				Adj R-squared	=	0.0143
Total	712.21519	1,263	.563907514	Root MSE	=	.74555

q15_11	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1568525	.0758492	2.07	0.039	.0080479	.3056571
class3	-.1187705	.0718528	-1.65	0.099	-.2597347	.0221937
_cons	4.377277	.0476091	91.94	0.000	4.283875	4.470678

Source	SS	df	MS	Number of obs	=	1,264
Model	14.9320467	2	7.46602337	F(2, 1261)	=	12.84
Residual	733.393903	1,261	.581597068	Prob > F	=	0.0000
				R-squared	=	0.0200
				Adj R-squared	=	0.0184
Total	748.325949	1,263	.592498772	Root MSE	=	.76263

q15_12	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.2037485	.0775863	2.63	0.009	.0515361	.3559608
class3	-.1126492	.0734983	-1.53	0.126	-.2568417	.0315433
_cons	4.250379	.0486994	87.28	0.000	4.154838	4.34592

Source	SS	df	MS	Number of obs	=	1,264
Model	4.85326832	2	2.42663416	F(2, 1261)	=	2.51
Residual	1220.04467	1,261	.96752155	Prob > F	=	0.0818
				R-squared	=	0.0040
				Adj R-squared	=	0.0024
Total	1224.89794	1,263	.969832101	Root MSE	=	.98363

q21_1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	.0015862	.10007	0.02	0.987	-.1947359 .1979083
class3	-.1588141	.0947975	-1.68	0.094	-.3447922 .027164
_cons	3.956798	.062812	62.99	0.000	3.83357 4.080025

Source	SS	df	MS	Number of obs	=	1,264
Model	6.18190149	2	3.09095074	F(2, 1261)	=	5.56
Residual	700.678858	1,261	.555653337	Prob > F	=	0.0039
				R-squared	=	0.0087
				Adj R-squared	=	0.0072
Total	706.860759	1,263	.55966806	Root MSE	=	.74542

q21_2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	-.0638274	.075836	-0.84	0.400	-.2126061 .0849513
class3	-.2143325	.0718403	-2.98	0.003	-.3552722 -.0733927
_cons	4.375878	.0476008	91.93	0.000	4.282493 4.469264

Source	SS	df	MS	Number of obs	=	1,264
Model	5.50886456	2	2.75443228	F(2, 1261)	=	5.98
Residual	580.538604	1,261	.460379543	Prob > F	=	0.0026
				R-squared	=	0.0094
				Adj R-squared	=	0.0078
Total	586.047468	1,263	.464012247	Root MSE	=	.67851

q21_3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	.0197811	.069029	0.29	0.774	-.1156433 .1552055
class3	-.1573367	.065392	-2.41	0.016	-.2856258 -.0290477
_cons	4.427244	.0433281	102.18	0.000	4.34224 4.512247

Source	SS	df	MS	Number of obs	=	1,264
Model	5.96585534	2	2.98292767	F(2, 1261)	=	3.09
Residual	1218.96769	1,261	.966667477	Prob > F	=	0.0460
				R-squared	=	0.0049
				Adj R-squared	=	0.0033
Total	1224.93354	1,263	.969860288	Root MSE	=	.98319

q21_4	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
class2	.0848521	.1000259	0.85	0.396	-.1113833 .2810875
class3	-.1136092	.0947556	-1.20	0.231	-.2995052 .0722868
_cons	3.895452	.0627842	62.05	0.000	3.772279 4.018625

Source	SS	df	MS	Number of obs	=	1,264
Model	10.2178281	2	5.10891405	F(2, 1261)	=	3.69
Residual	1745.1366	1,261	1.38393069	Prob > F	=	0.0252
				R-squared	=	0.0058
				Adj R-squared	=	0.0042
Total	1755.35443	1,263	1.38982932	Root MSE	=	1.1764

q21_5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1516891	.1196826	1.27	0.205	-.0831098	.386488
class3	-.1105002	.1133766	-0.97	0.330	-.3329278	.1119274
_cons	3.072798	.0751224	40.90	0.000	2.925419	3.220177

Source	SS	df	MS	Number of obs	=	1,264
Model	12.7148035	2	6.35740173	F(2, 1261)	=	11.79
Residual	679.797064	1,261	.539093627	Prob > F	=	0.0000
				R-squared	=	0.0184
				Adj R-squared	=	0.0168
Total	692.511867	1,263	.5483071	Root MSE	=	.73423

q21_6	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.1643404	.0746975	2.20	0.028	.0177954	.3108854
class3	-.1281009	.0707617	-1.81	0.070	-.2669245	.0107228
_cons	4.288082	.0468861	91.46	0.000	4.196098	4.380065

Source	SS	df	MS	Number of obs	=	1,264
Model	10.1620995	2	5.08104977	F(2, 1261)	=	12.23
Residual	523.799135	1,261	.415383929	Prob > F	=	0.0000
				R-squared	=	0.0190
				Adj R-squared	=	0.0175
Total	533.961234	1,263	.422772157	Root MSE	=	.6445

q21_7	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.105959	.065569	1.62	0.106	-.0226774	.2345953
class3	-.1524686	.0621142	-2.45	0.014	-.2743273	-.03061
_cons	4.503361	.0411564	109.42	0.000	4.422619	4.584104

Source	SS	df	MS	Number of obs	=	1,264
Model	4.9628174	2	2.4814087	F(2, 1261)	=	4.00
Residual	782.466771	1,261	.620512903	Prob > F	=	0.0186
				R-squared	=	0.0063
				Adj R-squared	=	0.0047
Total	787.429589	1,263	.62345969	Root MSE	=	.78773

q21_8	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0124958	.08014	0.16	0.876	-.1447265	.1697182
class3	-.1535616	.0759175	-2.02	0.043	-.3025001	-.0046231
_cons	4.370853	.0503023	86.89	0.000	4.272167	4.469538

Source	SS	df	MS	Number of obs	=	1,264
Model	4.81880787	2	2.40940394	F(2, 1261)	=	6.16
Residual	493.522964	1,261	.391374278	Prob > F	=	0.0022
				R-squared	=	0.0097
				Adj R-squared	=	0.0081
Total	498.341772	1,263	.394569891	Root MSE	=	.6256

q21_9	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0493044	.0636458	0.77	0.439	-.0755589	.1741678
class3	-.1245592	.0602924	-2.07	0.039	-.2428436	-.0062747
_cons	4.573715	.0399492	114.49	0.000	4.495341	4.65209

Source	SS	df	MS	Number of obs	=	1,264
Model	9.93328289	2	4.96664145	F(2, 1261)	=	3.99
Residual	1568.73681	1,261	1.24404188	Prob > F	=	0.0187
				R-squared	=	0.0063
				Adj R-squared	=	0.0047
Total	1578.67009	1,263	1.24993673	Root MSE	=	1.1154

q21_10	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0501722	.1134727	0.44	0.658	-.1724438	.2727882
class3	-.1945181	.1074939	-1.81	0.071	-.4054047	.0163685
_cons	3.697647	.0712245	51.92	0.000	3.557916	3.837379

Source	SS	df	MS	Number of obs	=	1,264
Model	10.7781887	2	5.38909436	F(2, 1261)	=	12.35
Residual	550.180672	1,261	.436305053	Prob > F	=	0.0000
				R-squared	=	0.0192
				Adj R-squared	=	0.0177
Total	560.958861	1,263	.44414795	Root MSE	=	.66053

q21_11	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0951122	.0671999	1.42	0.157	-.0367238	.2269482
class3	-.1689703	.0636592	-2.65	0.008	-.29386	-.0440806
_cons	4.468387	.0421801	105.94	0.000	4.385636	4.551138

Source	SS	df	MS	Number of obs	=	1,264
Model	1.6923403	2	.84617015	F(2, 1261)	=	0.51
Residual	2081.95877	1,261	1.65103788	Prob > F	=	0.5991
				R-squared	=	0.0008
				Adj R-squared	=	-0.0008
Total	2083.65111	1,263	1.64976335	Root MSE	=	1.2849

q18_1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1322577	.1307231	-1.01	0.312	-.3887163	.124201
class3	-.0790013	.1238354	-0.64	0.524	-.3219474	.1639449
_cons	3.551529	.0820523	43.28	0.000	3.390555	3.712503

Source	SS	df	MS	Number of obs	=	1,264
Model	1.83348655	2	.916743276	F(2, 1261)	=	1.08
Residual	1066.57079	1,261	.84581347	Prob > F	=	0.3386
				R-squared	=	0.0017
				Adj R-squared	=	0.0001
Total	1068.40427	1,263	.84592579	Root MSE	=	.91968

q18_2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0178411	.0935645	0.19	0.849	-.1657181	.2014003
class3	-.0862696	.0886347	-0.97	0.331	-.2601573	.0876181
_cons	4.153033	.0587286	70.72	0.000	4.037817	4.26825

Source	SS	df	MS	Number of obs	=	1,264
Model	4.01919597	2	2.00959798	F(2, 1261)	=	4.45
Residual	569.499791	1,261	.451625528	Prob > F	=	0.0119
				R-squared	=	0.0070
				Adj R-squared	=	0.0054
Total	573.518987	1,263	.454092627	Root MSE	=	.67203

q18_3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0149592	.0683696	0.22	0.827	-.1191714	.1490899
class3	-.1357068	.0647673	-2.10	0.036	-.2627703	-.0086433
_cons	4.490553	.0429142	104.64	0.000	4.406362	4.574744

Source	SS	df	MS	Number of obs	=	1,264
Model	4.02395948	2	2.01197974	F(2, 1261)	=	5.04
Residual	503.773509	1,261	.399503179	Prob > F	=	0.0066
				R-squared	=	0.0079
				Adj R-squared	=	0.0064
Total	507.797468	1,263	.402056586	Root MSE	=	.63206

q18_4	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0213501	.0643034	0.33	0.740	-.1048034	.1475035
class3	-.1314003	.0609153	-2.16	0.031	-.2509068	-.0118937
_cons	4.518762	.040362	111.96	0.000	4.439578	4.597946

Source	SS	df	MS	Number of obs	=	1,264
Model	12.0535688	2	6.02678442	F(2, 1261)	=	3.96
Residual	1917.4401	1,261	1.52057106	Prob > F	=	0.0192
				R-squared	=	0.0062
				Adj R-squared	=	0.0047
Total	1929.49367	1,263	1.52770679	Root MSE	=	1.2331

q18_5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.073951	.1254518	0.59	0.556	-.1721664	.3200683
class3	-.2001431	.1188419	-1.68	0.092	-.4332928	.0330066
_cons	3.173035	.0787436	40.30	0.000	3.018552	3.327518

Source	SS	df	MS	Number of obs	=	1,264
Model	5.25526381	2	2.6276319	F(2, 1261)	=	2.32
Residual	1425.52876	1,261	1.13047483	Prob > F	=	0.0983
				R-squared	=	0.0037
				Adj R-squared	=	0.0021
Total	1430.78402	1,263	1.13284562	Root MSE	=	1.0632

q18_6	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0312964	.1081693	0.29	0.772	-.1809153	.2435081
class3	-.1452708	.10247	-1.42	0.157	-.3463013	.0557597
_cons	3.974373	.0678957	58.54	0.000	3.841172	4.107574

Source	SS	df	MS	Number of obs	=	1,264
Model	4.6213947	2	2.31069735	F(2, 1261)	=	1.78
Residual	1634.36595	1,261	1.29608719	Prob > F	=	0.1686
				R-squared	=	0.0028
				Adj R-squared	=	0.0012
Total	1638.98734	1,263	1.29769386	Root MSE	=	1.1385

q18_7	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.1056047	.1158219	-0.91	0.362	-.3328296	.1216202
class3	-.2024236	.1097194	-1.84	0.065	-.4176763	.0128291
_cons	3.842251	.0726991	52.85	0.000	3.699627	3.984876

Source	SS	df	MS	Number of obs	=	1,264
Model	11.4335796	2	5.71678978	F(2, 1261)	=	12.95
Residual	556.487307	1,261	.441306349	Prob > F	=	0.0000
				R-squared	=	0.0201
				Adj R-squared	=	0.0186
Total	567.920886	1,263	.449660242	Root MSE	=	.66431

q18_8	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0932817	.067584	1.38	0.168	-.0393078	.2258711
class3	-.1779159	.0640231	-2.78	0.006	-.3035194	-.0523125
_cons	4.51278	.0424211	106.38	0.000	4.429556	4.596004

Source	SS	df	MS	Number of obs	=	1,264
Model	2.68781485	2	1.34390742	F(2, 1261)	=	3.81
Residual	444.254432	1,261	.352303277	Prob > F	=	0.0223
				R-squared	=	0.0060
				Adj R-squared	=	0.0044
Total	446.942247	1,263	.353873513	Root MSE	=	.59355

q18_9	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0341119	.0603854	-0.56	0.572	-.1525789	.084355
class3	-.1376882	.0572038	-2.41	0.016	-.2499133	-.0254632
_cons	4.636749	.0379027	122.33	0.000	4.56239	4.711109



Source	SS	df	MS	Number of obs	=	1,264
Model	2.87452801	2	1.437264	F(2, 1261)	=	2.95
Residual	615.086706	1,261	.487776928	Prob > F	=	0.0529
				R-squared	=	0.0047
				Adj R-squared	=	0.0031
Total	617.961234	1,263	.48928047	Root MSE	=	.69841

q18_10	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0541872	.0710533	-0.76	0.446	-.1935829	.0852085
class3	-.1505576	.0673096	-2.24	0.025	-.2826087	-.0185065
_cons	4.557161	.0445988	102.18	0.000	4.469665	4.644657

Source	SS	df	MS	Number of obs	=	1,264
Model	4.3620947	2	2.18104735	F(2, 1261)	=	6.82
Residual	403.37762	1,261	.31988709	Prob > F	=	0.0011
				R-squared	=	0.0107
				Adj R-squared	=	0.0091
Total	407.739715	1,263	.322834295	Root MSE	=	.56559

q18_11	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	-.0217885	.0575403	-0.38	0.705	-.1346737	.0910968
class3	-.1642957	.0545086	-3.01	0.003	-.2712332	-.0573583
_cons	4.705269	.0361169	130.28	0.000	4.634414	4.776125

Source	SS	df	MS	Number of obs	=	1,264
Model	12.9492651	2	6.47463255	F(2, 1261)	=	18.56
Residual	439.910703	1,261	.348858607	Prob > F	=	0.0000
				R-squared	=	0.0286
				Adj R-squared	=	0.0271
Total	452.859968	1,263	.358558961	Root MSE	=	.59064

q18_12	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
class2	.0699094	.0600895	1.16	0.245	-.0479769	.1877958
class3	-.2126317	.0569234	-3.74	0.000	-.3243067	-.1009566
_cons	4.588683	.037717	121.66	0.000	4.514688	4.662678

#### Appendix 4 Full survey

A pdf copy of the online survey, including all choice sets.

Includes question numbers.

Formatting will differ slightly from that seen.

Q1. Dear Sir/Madam,

**Project Title: Marine environmental values within Cockburn Sound (UWA Human Ethics Reference 2022/ET000541)**

**Name of Researchers:** Michael Burton, Milena Kim, Abbie Rogers, Natasha Pauli, Mehran Nejati, Julian Clifton, Alaya Spencer-Cotton, from The University of Western Australia and Edith Cowan University.

**About the Project:** This survey aims to understand what marine environmental values within Cockburn Sound are important to the Perth community, and community perception of how the proposed Westport development might impact on those values, positively or negatively.

**What does Participation Involve?** Participation involves answering questions in an online survey, which will take about 15 minutes to complete.

**Voluntary Participation and Withdrawal from the Study:** Your participation is voluntary and you are free to withdraw (by closing your browser) at any time prior to pressing "submit" at the end of the online survey, without reason and without prejudice.

**Your Privacy:** Your responses will be confidential and will not be used individually. The data will be kept in a de-identified format, in a password protected computer or a secure server for a minimum of seven years at the University of Western Australia.

**Possible Benefits:** This project will provide information on preferences for the environmental assets within Cockburn Sound, which may be used to inform future decision making.

**Possible Risks and Risk Management Plan:** There are no foreseeable risks to participation. Remember that you are able to withdraw at any time (by closing your browser) prior to pressing "submit" at the end of the survey.

**Reimbursement:** You will be redirected to the PureProfile completion page to collect your reimbursement upon completion of the survey.

**Contacts:** If you have any questions about this survey, please feel free to contact Dr Michael Burton:

Michael.burton@uwa.edu.au  
or +61 8 6488 2531.

You can download a copy of the participant information sheet to keep for your records [here](#).

*Approval to conduct this research has been provided by the University of Western Australia, in accordance with its ethics review and approval procedures. Any person considering participation in this research project, or agreeing to participate, may raise any questions or issues with the researchers at any time. In addition, any person not satisfied with the response of researchers may raise ethics issues or concerns, and may make any complaints about this research project by contacting the Human Ethics office at UWA on (08) 6488 4703 or by emailing to [humanethics@uwa.edu.au](mailto:humanethics@uwa.edu.au). All research participants are entitled to retain a copy of any Participant Information Form and/or Participant Consent Form relating to this research project.*

Q2. **Consent Statement:** I have read the information provided. I agree to participate in this research project but understand withdrawal is not possible once data are submitted. I consent to participate in this research project.

Yes

No

Q3. What is your gender?

- Male
- Female
- Other/non-binary
- Prefer not to say

Q4. Which age group applies to you?

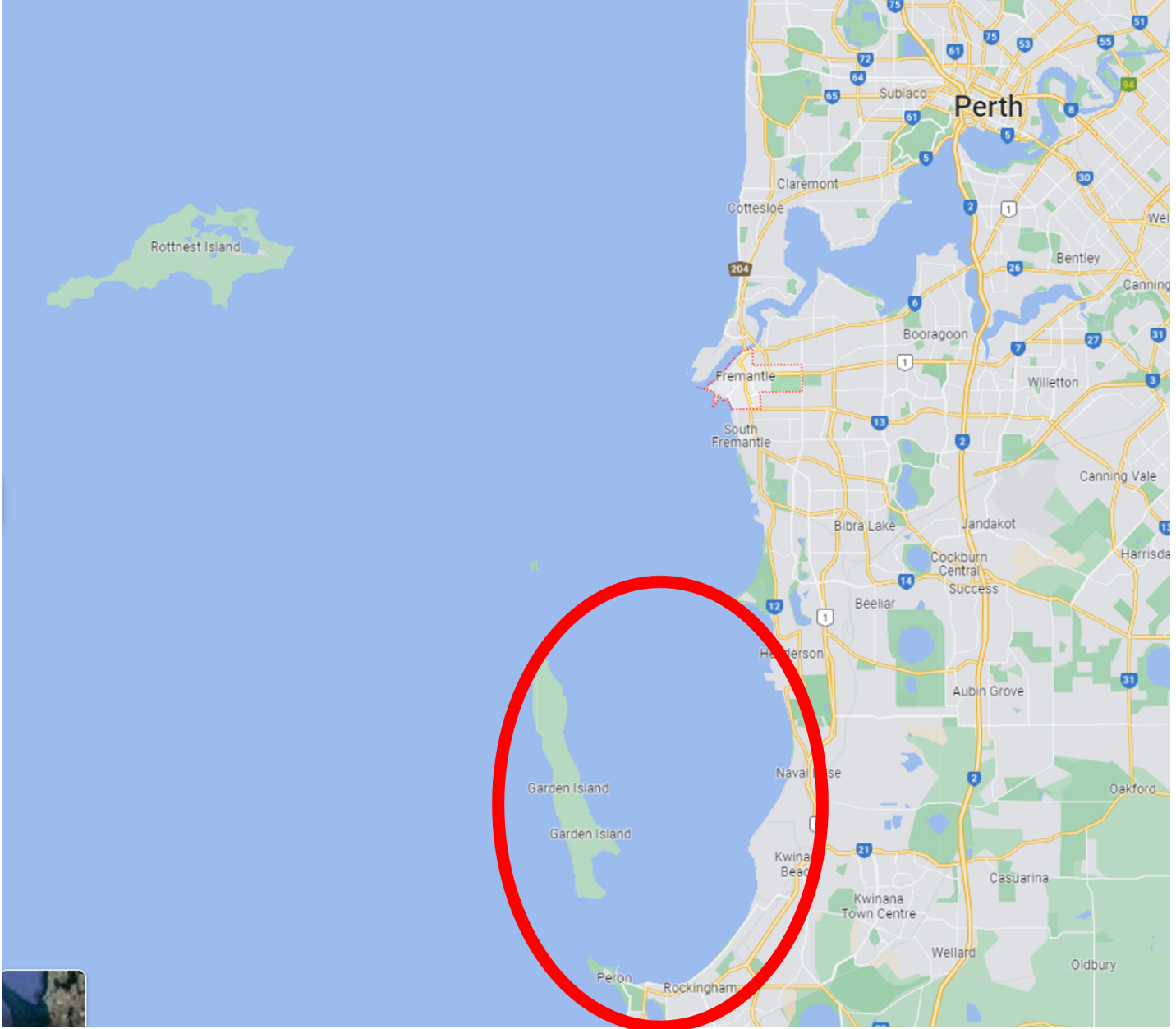
- Less than 18 years
- 18-29 years
- 30-39 years
- 40-49 years
- 50-59 years
- 60-69 years
- 70-79 years
- 80 years and over

Q5. Please state the postcode of your usual place of residence

6000

Q6. The maps below shows the area of Cockburn Sound, both in relation to Perth and Fremantle, and in more detail.

Please indicate how often you have visited the Cockburn Sound area in the last 5 years:









- Every day
- A few times a week
- About once a week
- About once a fortnight
- About once a month
- A few times a year
- Less than once a year
- I have not visited Cockburn Sound in the last 5 years

Q7. Please indicate what sorts of activities you have undertaken in Cockburn Sound during any visits to this location in the last 5 years. Select all relevant options.

- beach activities
- birdwatching
- camping/caravan
- community volunteering
- cycling
- dog beach activities
- free diving
- fishing
- horse exercising
- horseback riding
- hydrofoiling
- hoverboarding
- jet-skiing
- kayaking
- kite boarding
- kite surfing
- motor boating
- picnicking
- sailing
- school/community camps
- scuba diving
- swimming
- snorkelling
- SUP boarding
- visiting family and/or friends
- walking/running
- wakeboarding



- water skiing
- windsurfing
- work
- other

**Q8. Your perceptions of the environment in Cockburn Sound**

We will now discuss some of the marine animals or plants in Cockburn Sound, and ask about whether you personally value them, and why, through a series of statements.

**Penguins**

The Little Penguin (also known as fairy penguin, or blue penguin) is the smallest penguin species, and it occurs along the southern coast of Australia.

There are two penguin colonies using Cockburn Sound for feeding and nesting: one on Penguin Island, and one on Garden Island.

In the past, Penguin Island was the largest colony in Western Australia.

The estimated population that uses Cockburn Sound is in decline, with current estimates at 600.



**Q9. Please select your level of agreement or disagreement with each statement listed on whether and how you personally value the penguins of Cockburn Sound.**

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Penguins contribute to my enjoyment of the Cockburn Sound marine environment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Penguins are an important part of the history and cultural heritage of the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Penguins are important for scientific research and education.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to penguins existing in the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Penguins are important for my recreation in the area. I enjoy seeing and/or interacting with them.

Penguins contribute to my strengthening of social bonds – for example, when volunteering with penguins.

I personally value penguins' role in the local ecology.

Penguins are important in their own right, even if I never see them or interact with them.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is important that the penguins are currently around for other people to enjoy or benefit from.

It is important to ensure the penguins are still around for future generations.

I care about maintaining the population of penguins in Cockburn Sound.

Q10. You said that you disagreed with the following statement: "I care about maintaining the population of penguins in Cockburn Sound". Could you say why?

n/a

### Q11. Dolphins

Indo-Pacific Bottlenose Dolphins are resident marine mammals in Cockburn Sound. Dolphins are highly intelligent and form strong social bonds with a complex system of communication.

There are at least 65 long-term resident dolphins in Cockburn Sound. Dolphins use Cockburn Sound for feeding, resting, and caring for calves.



**Q12.** Please select your level of agreement or disagreement with each statement listed on whether and how you personally value the **dolphins of Cockburn Sound**.

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Dolphins contribute to my enjoyment of the Cockburn Sound marine environment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dolphins are an important part of the history and/or cultural heritage of the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dolphins are important for scientific research and education.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to Dolphins existing in the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Dolphins are important for my recreation in the area. I enjoy seeing and/or interacting with them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I personally value the role of dolphins in the local ecology.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dolphins are important in their own right, even if I might never see them or interact with them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important that the dolphins are currently around for other people to enjoy or benefit from.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
It is important to ensure that dolphins are still around for future generations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I care about maintaining dolphins in Cockburn Sound.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dolphins contribute to the strengthening of my social bonds – for example, when i am swimming or walking near to the water.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dolphins contribute to my social bonds	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q13.** You said that you disagreed with the following statement: "I care about maintaining the dolphins in Cockburn Sound". Could you say why?

n/a

**Q14. Seagrass**

Seagrasses grow in soft marine sediments, and their health is an indicator of the overall health of Cockburn Sound.

Seagrasses provide habitat for fish and other aquatic organisms, and also improve water quality.

Compared with the 1960s, the area of seagrass in Cockburn Sound has been reduced by about 80 per cent, with about 1000ha currently present in the Sound.





Q15. Now, please select your level of agreement or disagreement with each statement listed on whether and how you personally value the **seagrass in Cockburn Sound**

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Seagrass contributes to my enjoyment of the Cockburn Sound marine environment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seagrass is an important part of the history and/or cultural heritage of the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seagrass is important for scientific research and education.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seagrass is important for my recreation in the area. I enjoy seeing it.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Seagrass contributes to the strengthening of my social bonds – for example, when volunteering replanting seagrass.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seagrass contributes to my enjoyment of a pleasant and healthy environment by improving water quality.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I personally value seagrass' role in the local ecology.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seagrass is important in its own right, even if I might never see it.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to seagrass existing in the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important that seagrass is currently around for other people to enjoy or benefit from.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important to ensure that seagrass is still around for future generations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q16. You said that you disagreed with the following statement: "I care about maintaining the seagrass in Cockburn Sound". Could you say why?

n/a

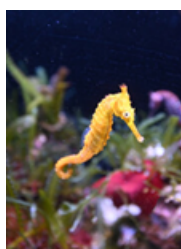
### Q20. Seahorses

We are using the term "Seahorses" to describe a group of fish with a distinctive appearance, including sea dragons and pipefish.

West Australian seahorses are protected internationally and little is known about their population numbers.



Pipefish



Seahorse



Sea dragon

Q21. Now, please select your level of agreement or disagreement with each statement listed on whether and how you personally value the "seahorses" of Cockburn Sound

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Seahorses contribute to my enjoyment of the Cockburn Sound marine environment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seahorses are an important part of the history and/or cultural heritage of the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seahorses are important for scientific research and education.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seahorses are important for my recreation in the area. I enjoy seeing them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to seahorses existing in the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I personally value the role of seahorses in the local ecology.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seahorses are important in their own right, even if I might never see them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important that seahorses are currently around for people other than myself to enjoy or benefit from.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is important that seahorses are still around for future generations.

Seahorses contribute to the strengthening of my social bonds – for example, when swimming or diving.

I care about maintaining seahorses in Cockburn Sound.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q56. You said that you disagreed with the following statement: "I care about maintaining seahorses in Cockburn Sound". Could you say why?

n/a

### Q17. Fish

A wide variety of fish live in Cockburn Sound, some of them are important for commercial or recreational fishing.

Broadly, there are three types of fish communities in Cockburn Sound:

- Those that rely on seagrass: weeping toadfish, pipefish species, western striped grunter, sixspine leatherjacket and snook
- Those that rely on soft sediment (like sand): whiting, rays
- Those that rely on limestone structures: including pink snapper, western butterfish and silver trevally.



Q18. Now, please select your level of agreement or disagreement with each statement listed on whether and how you personally value the **fish of Cockburn Sound**

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
I enjoy and/or rely on eating Cockburn Sound fish for food.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish contribute to my enjoyment of the Cockburn Sound marine environment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish are an important part of the history and/or cultural heritage of the area.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish are important for scientific research and education.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree

I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to the fish that exist in the area.

Fish are important for my recreation in the area.

Fish contribute to the strengthening of my social bonds – for example, when fishing.

I personally value the role of fish in the local ecology.

Fish are important in their own right, even if I might never see them or interact with them.

It is important that fish are currently around for other people to enjoy or benefit from.

It is important to ensure that fish are still around for future generations.

I care about maintaining the fish in Cockburn Sound.

<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q19. You said that you disagreed with the following statement: "I care about maintaining the fish in Cockburn Sound". Could you say why?

n/a

Q22. In the previous sections, we have been discussing penguins, dolphins, seagrass, "seahorses" and fish in Cockburn Sound. Are there any other species or environmental attributes that are important to you in Cockburn Sound, regardless of whether you will ever use, see, or interact with them?

n/a

### Q23. Options for the management of environmental impacts in Cockburn Sound.

The WA Government is planning for a new container terminal in Cockburn Sound. Larger vessels and increased congestion on roads in and out of Fremantle means it will be challenging to move containers through the area in the future, so an alternative is needed.





Most of what we buy and what we have in our homes comes to us through containers. Ports also support WA's exports industry as well as local businesses, providing materials needed for construction and production.

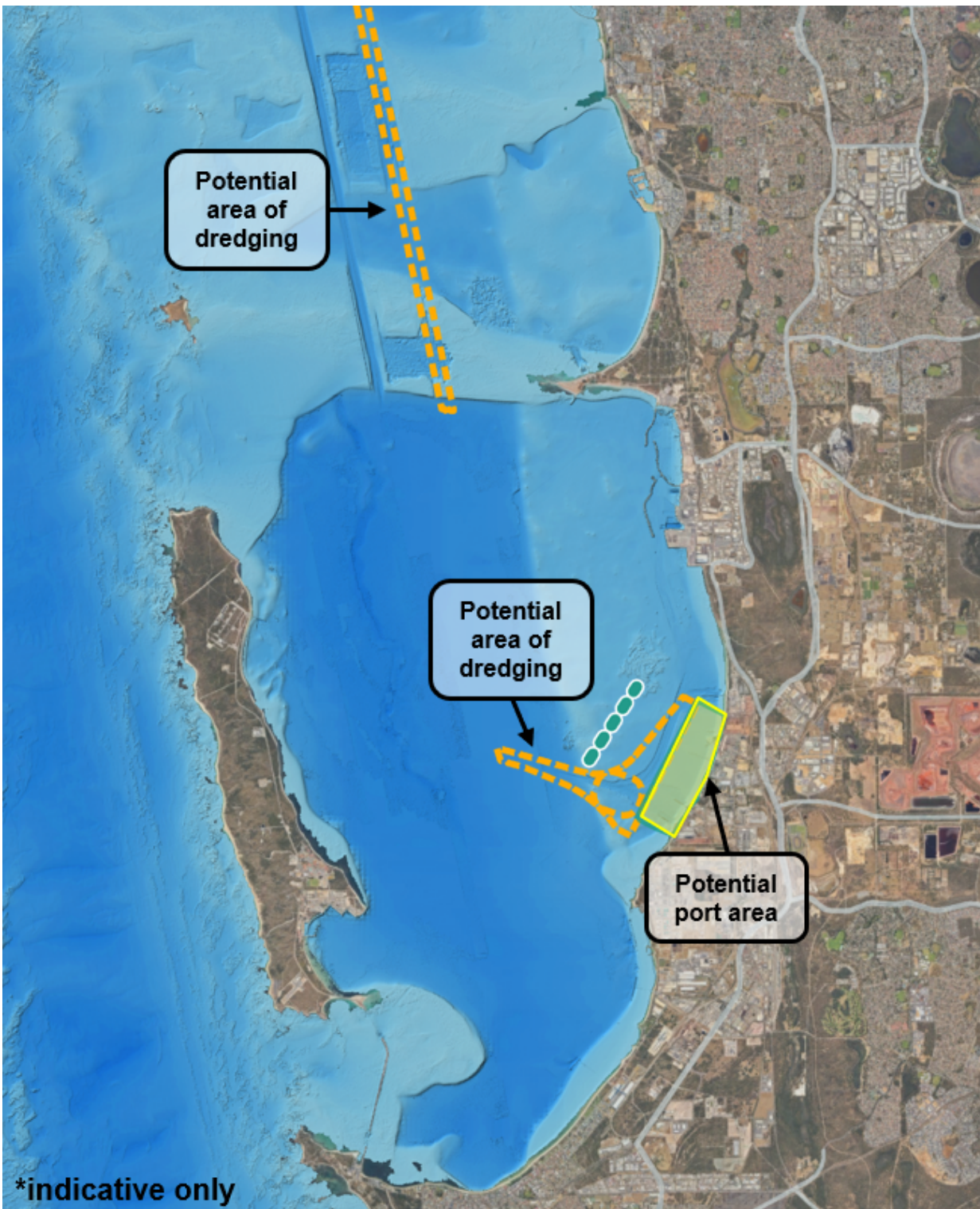
The current proposal for a new port in Cockburn Sound will require substantial development activity. This would occur along the shoreline where the port would be and also in the ocean where dredging of new channels would be required to enable large ships to access the port.

These changes may have a negative impact on the marine ecosystem in the Sound, both during development and when the port is operating.

There are also opportunities to invest in environmental projects that could offset or, if they are large enough, even improve the condition of the marine ecosystem in the Sound.

The map below shows, in general terms, where the port may be located within the Sound.





Q24. The marine animals and plants discussed earlier could be impacted in a range of ways depending on how the port is designed, and what sort of investments are made to improve the environment.

In this section we will describe to you possible changes in the level of the key environmental assets. At the moment the port design has not been completed and the assessment of potential impacts is ongoing. The changes we present (both positive and negative) should be taken as potential changes that will exist in the long run.

What we are interested in is how you would feel if these impacts occurred, to help inform possible designs of the port.

### Little Penguins

### Impacts of port development:

The poor water quality caused by dredging could make it harder for Little Penguins to find fish to eat, either because they can't see them, or because the fish move away from areas of disturbance. If this occurs during their breeding season, it could reduce breeding success.

At the moment there are approximately 600 Little Penguins present in the Sound. Depending on when and where the dredging occurs, the number of Little Penguin hatchlings that survive each year may be reduced, leading to lower population levels.

### Opportunities to improve the environment:

Access to food may be secured for penguins during breeding season through creation of additional habitats for the fish that they feed on, or construction of 'fish aggregation devices' that lure the fish to areas where the penguins can safely feed.

Depending on the amount of environmental management and investment during the port's development and operation, the number of penguins could decrease to 500 or increase to 700 individuals.



Q25. Have you ever seen Little Penguins along the Perth coastal region?

- Yes, I have seen them
- No, I have never seen them
- Unsure

Q26. **Dolphins**

### Impacts of port development:

There are approximately 65 resident dolphins in Cockburn Sound. Dolphins may be affected by the increased vessel traffic, both in terms of direct vessel strikes causing injuries or death, as well as behavioural effects of increased vessel noise that could make it harder for the animals to find food or breed successfully.

### Opportunities to improve the environment:

Research to understand the mammal's abundance, careful design of vessel routes, slower vessel speeds,



and development of new technologies to reduce noise produced by vessels can all help to reduce the rates of vessel strike and negative behavioural effects.

A combination of research, education, management, and new technology could prevent any loss of dolphins as a result of increased vessel traffic.

Depending on the amount of environmental management and investment during the port's development and operation, the number of dolphins could decrease to 40 or increase to 80 individuals.



Q27. Have you ever seen dolphins in the water along the Perth coast region?

- Yes, I have seen them
- No, I have never seen them
- Unsure

Q28. **Seagrass**

### **Impact of port development**

Seagrass meadows can be negatively affected by dredging, due to direct disruption or subsequent poor water quality. There are 1000 hectares of seagrass currently in Cockburn Sound (equivalent to 500 Optus stadiums), and there could be a decline of depending on which areas are dredged.

### **Opportunities to improve the environment:**

Seagrass meadows are already being successfully restored on a smaller scale in Cockburn Sound and this activity could be scaled up to cover much larger areas.

Depending on the amount of environmental management and investment during the port's development and operation, the area of seagrass could decrease to 800 or increase to 1200 hectares in Cockburn Sound.



Q29. Have you ever been involved in seagrass conservation or restoration in any way?

- Yes, I have
- No, I have not
- Unsure

Q30. **Seahorses, sea dragons and pipefish**

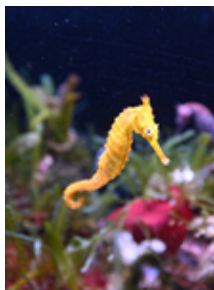
**Impacts of port development:**

Although it is known that there are currently 17 species of this group of fish living in Cockburn sound, relatively little is known about them. There is therefore a risk that with the port development, some species will no longer be present.

**Opportunities to improve the environment:**

It is possible to fund additional research to understand impacts on these types of fish, with the resources to undertake management of any threats once they are understood. With sufficient resources it would be possible to ensure that the number of species present in Cockburn Sound could be maintained, or even increase.

Depending on the amount of environmental management and investment during the port's development and operation, the number of species that are recorded as present and maintained in the Sound could decrease to 13 or increase to 21.



Q31. Have you ever seen a seahorse, sea dragon or pipefish along the beach, coast or in the waters in Western Australia?

- Yes, I have seen them
- No, I have never seen them
- Unsure

### Q32. Improved 'hard' habitats

Seagrass and sandy areas are the main habitat types in Cockburn Sound at present. Historically, there may have been other habitats, including hard habitats like limestone shellfish reefs. These areas provide important habitats for a variety of species. There are no substantial areas of hard habitats currently found in the Sound.

#### Opportunities to improve the environment:

Habitat restoration could be undertaken to complement seagrass restoration activities with hard habitats such as shellfish reefs, or other artificial reef structures on which marine flora and fauna can grow. Artificial reefs have proven to be very effective in improving the number and diversity of species in an area.

Depending on the amount of environmental management and investment during the port's development and operation, up to 50 hectares of artificial reefs could be constructed in Cockburn Sound.



Q33. Have you heard about people creating artificial reefs along the coast of WA?

- Yes
- No
- Unsure

### Q34. The costs of development

The cost to you



The redevelopment of port infrastructure in Cockburn Sound, and managing the surrounding environment will require substantial investment and the costs of maintaining and operating the ports will be borne by the industries that use the facilities.

These increases in costs will be passed on to the public and the consumers of those industries, in increased prices of goods. Depending on where the development occurs, and the details of the port development, these costs will vary.

Because of this, there would be an increase in your household living expenses, through higher prices of goods.

This will be in dollars per year and will remain for the foreseeable future.

Given the likelihood of increased expenses, we want to understand what your preferences are for the port development, and how this will affect you.

**Q45. What was your income over the last 12 months (before tax)?**

If you share a household with other income-earning members, and financial decisions are made based on your shared total income, provide the **HOUSEHOLD** income for the last 12 months.

If you make financial decisions independently of anyone else and based solely on your own income, or if you are unsure of the household income, provide your **INDIVIDUAL** income for the last 12 months.

- Under \$13,000 (under \$250/week)
- \$13,000-\$25,999 (\$250-\$500/week)
- \$26,000-\$41,599 (\$500-\$800/week)
- \$41,600-\$62,999 (\$800-\$1200/week)
- \$62,400-\$88,399 (\$1200-\$1700/week)
- \$88,400-\$129,999 (\$1700-\$2500/week)
- \$130,000-\$181,999 (\$2500-\$3500/week)
- \$182,000 and over (\$3000+/week)
- prefer not to say

**Q35. If you had a choice of how the port development were to happen.....**

In the following questions we will present you with a number of options for the management of the environmental impacts that may arise from the development of the port.

**The purpose of these questions is to identify what your preferences would be for potential impacts, so that they can inform design.**

These will differ by the impacts on the marine animals and plants, and may include both positive and negative outcomes, and will depend on what investments are made to offset negative impacts.

There will also be an increase in costs to you for each option, shown as an increase in your household costs each year.

It is important to remember that there is no specific design of the port that has been decided on yet.

This information will be provided to those designing the port to use in their planning, and so it is important that you answer as accurately as possible.

Q106. In the questions that follow you will see eight questions in this format:

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Penguin population	650	650	600
Mammals: Dolphins present	60	50	65
Seagrass area (ha)	900	900	1,000
Number of "Seahorse" species present	13	13	17
Area of hard habitats added (ha)	30	20	0
Increased cost to your household, each year	\$300	\$300	
Which one would you prefer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

You can see two options, each with different levels of the environmental attributes and cost. The current levels are also given for reference.

You can select only one of the two options, with the selected option becoming green.

s1. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	550	600
Number of Dolphins in Cockburn Sound	40	80	65
Total area of seagrass (ha)	1,100	700	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	40	0
Increased cost to your household, each year	\$20	\$100	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s2. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	650	600
Number of Dolphins in Cockburn Sound	70	80	65
Total area of seagrass (ha)	1,000	1,000	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	50	40	0
Increased cost to your household, each year	\$20	\$50	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s3. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	550	600
Number of Dolphins in Cockburn Sound	60	70	65
Total area of seagrass (ha)	1,100	1,000	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	30	0
Increased cost to your household, each year	\$50	\$50	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s4. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	550	600
Number of Dolphins in Cockburn Sound	50	80	65
Total area of seagrass (ha)	1,100	1,300	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	40	30	0
Increased cost to your household, each year	\$50	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s5. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	700	600
Number of Dolphins in Cockburn Sound	80	80	65
Total area of seagrass (ha)	900	700	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	40	0
Increased cost to your household, each year	\$300	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s6. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	600	600
Number of Dolphins in Cockburn Sound	80	40	65
Total area of seagrass (ha)	1,000	1,300	1,000
Number of "Seahorse" species present	19	15	17
Area of artificial reef added (ha)	20	0	0
Increased cost to your household, each year	\$20	\$300	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s7. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	500	600
Number of Dolphins in Cockburn Sound	70	50	65
Total area of seagrass (ha)	1,100	1,000	1,000
Number of "Seahorse" species present	13	19	17
Area of artificial reef added (ha)	20	30	0
Increased cost to your household, each year	\$150	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s8. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	600	600
Number of Dolphins in Cockburn Sound	40	60	65
Total area of seagrass (ha)	700	1,100	1,000
Number of "Seahorse" species present	21	21	17
Area of artificial reef added (ha)	40	0	0
Increased cost to your household, each year	\$500	\$100	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s9. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	550	600
Number of Dolphins in Cockburn Sound	70	40	65
Total area of seagrass (ha)	1,100	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	30	0
Increased cost to your household, each year	\$300	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s10. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	650	600
Number of Dolphins in Cockburn Sound	50	60	65
Total area of seagrass (ha)	1,300	1,300	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	40	50	0
Increased cost to your household, each year	\$150	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s11. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	550	600
Number of Dolphins in Cockburn Sound	40	50	65
Total area of seagrass (ha)	700	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	20	10	0
Increased cost to your household, each year	\$50	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s12. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	700	600
Number of Dolphins in Cockburn Sound	70	80	65
Total area of seagrass (ha)	900	700	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	10	40	0
Increased cost to your household, each year	\$20	\$20	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s13. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	550	600
Number of Dolphins in Cockburn Sound	60	50	65
Total area of seagrass (ha)	900	1,300	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	40	40	0
Increased cost to your household, each year	\$100	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s14. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	500	600
Number of Dolphins in Cockburn Sound	60	60	65
Total area of seagrass (ha)	700	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	50	0	0
Increased cost to your household, each year	\$50	\$100	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s15. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	500	600
Number of Dolphins in Cockburn Sound	40	70	65
Total area of seagrass (ha)	1,300	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	10	20	0
Increased cost to your household, each year	\$150	\$300	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s16. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	650	600
Number of Dolphins in Cockburn Sound	40	50	65
Total area of seagrass (ha)	1,000	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	0	30	0
Increased cost to your household, each year	\$100	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s17. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	600	600
Number of Dolphins in Cockburn Sound	60	40	65
Total area of seagrass (ha)	1,300	1,100	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	40	0
Increased cost to your household, each year	\$300	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s18. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	550	600
Number of Dolphins in Cockburn Sound	60	80	65
Total area of seagrass (ha)	1,000	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	10	0
Increased cost to your household, each year	\$50	\$300	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s19. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	500	600
Number of Dolphins in Cockburn Sound	70	60	65
Total area of seagrass (ha)	900	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	40	10	0
Increased cost to your household, each year	\$500	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s20. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	500	600
Number of Dolphins in Cockburn Sound	40	40	65
Total area of seagrass (ha)	900	700	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	0	30	0
Increased cost to your household, each year	\$150	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s21. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	600	600
Number of Dolphins in Cockburn Sound	40	60	65
Total area of seagrass (ha)	1,000	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	0	10	0
Increased cost to your household, each year	\$100	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s22. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	700	600
Number of Dolphins in Cockburn Sound	80	80	65
Total area of seagrass (ha)	1,100	1,000	1,000
Number of "Seahorse" species present	17	13	17
Area of artificial reef added (ha)	50	30	0
Increased cost to your household, each year	\$20	\$150	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s23. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	700	600
Number of Dolphins in Cockburn Sound	50	70	65
Total area of seagrass (ha)	1,100	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	10	0
Increased cost to your household, each year	\$100	\$500	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s24. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	700	600
Number of Dolphins in Cockburn Sound	40	60	65
Total area of seagrass (ha)	1,100	900	1,000
Number of "Seahorse" species present	15	17	17
Area of artificial reef added (ha)	20	0	0
Increased cost to your household, each year	\$20	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s25. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	650	600
Number of Dolphins in Cockburn Sound	80	60	65
Total area of seagrass (ha)	900	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	50	40	0
Increased cost to your household, each year	\$150	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s26. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	550	600
Number of Dolphins in Cockburn Sound	80	70	65
Total area of seagrass (ha)	900	1,000	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	30	30	0
Increased cost to your household, each year	\$150	\$150	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s27. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	700	600
Number of Dolphins in Cockburn Sound	60	50	65
Total area of seagrass (ha)	1,300	1,300	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	10	30	0
Increased cost to your household, each year	\$100	\$100	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s28. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	650	600
Number of Dolphins in Cockburn Sound	40	50	65
Total area of seagrass (ha)	1,000	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	50	40	0
Increased cost to your household, each year	\$100	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s29. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	550	600
Number of Dolphins in Cockburn Sound	70	60	65
Total area of seagrass (ha)	1,300	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	20	30	0
Increased cost to your household, each year	\$300	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s30. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	500	600
Number of Dolphins in Cockburn Sound	40	70	65
Total area of seagrass (ha)	1,100	1,300	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	20	0
Increased cost to your household, each year	\$20	\$500	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s31. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	700	600
Number of Dolphins in Cockburn Sound	40	40	65
Total area of seagrass (ha)	700	900	1,000
Number of "Seahorse" species present	17	19	17
Area of artificial reef added (ha)	30	10	0
Increased cost to your household, each year	\$20	\$150	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s32. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	600	600
Number of Dolphins in Cockburn Sound	50	60	65
Total area of seagrass (ha)	1,000	900	1,000
Number of "Seahorse" species present	13	17	17
Area of artificial reef added (ha)	20	30	0
Increased cost to your household, each year	\$300	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s33. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	550	600
Number of Dolphins in Cockburn Sound	40	60	65
Total area of seagrass (ha)	1,000	900	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	50	10	0
Increased cost to your household, each year	\$150	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s34. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	700	600
Number of Dolphins in Cockburn Sound	70	70	65
Total area of seagrass (ha)	1,100	1,100	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	20	40	0
Increased cost to your household, each year	\$100	\$300	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s35. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	500	600
Number of Dolphins in Cockburn Sound	80	70	65
Total area of seagrass (ha)	900	1,000	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	40	0
Increased cost to your household, each year	\$50	\$50	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s36. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	600	600
Number of Dolphins in Cockburn Sound	50	70	65
Total area of seagrass (ha)	1,300	1,300	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	0	20	0
Increased cost to your household, each year	\$100	\$500	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s37. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	500	600
Number of Dolphins in Cockburn Sound	80	80	65
Total area of seagrass (ha)	700	1,000	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	10	0
Increased cost to your household, each year	\$50	\$300	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s38. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	550	600
Number of Dolphins in Cockburn Sound	80	50	65
Total area of seagrass (ha)	1,100	1,000	1,000
Number of "Seahorse" species present	21	21	17
Area of artificial reef added (ha)	40	30	0
Increased cost to your household, each year	\$100	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s39. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	700	600
Number of Dolphins in Cockburn Sound	50	50	65
Total area of seagrass (ha)	700	900	1,000
Number of "Seahorse" species present	19	21	17
Area of artificial reef added (ha)	30	0	0
Increased cost to your household, each year	\$150	\$150	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s40. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	500	600
Number of Dolphins in Cockburn Sound	70	80	65
Total area of seagrass (ha)	700	900	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	30	0	0
Increased cost to your household, each year	\$100	\$150	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s41. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	550	600
Number of Dolphins in Cockburn Sound	60	80	65
Total area of seagrass (ha)	1,000	1,000	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	40	10	0
Increased cost to your household, each year	\$20	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s42. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	550	700	600
Number of Dolphins in Cockburn Sound	50	40	65
Total area of seagrass (ha)	1,300	1,100	1,000
Number of "Seahorse" species present	21	13	17
Area of artificial reef added (ha)	10	30	0
Increased cost to your household, each year	\$100	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s43. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	500	650	600
Number of Dolphins in Cockburn Sound	40	50	65
Total area of seagrass (ha)	1,000	1,100	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	30	50	0
Increased cost to your household, each year	\$50	\$500	
<b>Which one would you prefer?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

s44. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	600	600	600
Number of Dolphins in Cockburn Sound	40	70	65
Total area of seagrass (ha)	1,300	900	1,000
Number of "Seahorse" species present	13	21	17
Area of artificial reef added (ha)	10	20	0
Increased cost to your household, each year	\$100	\$50	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s45. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	500	600
Number of Dolphins in Cockburn Sound	40	70	65
Total area of seagrass (ha)	900	1,300	1,000
Number of "Seahorse" species present	17	19	17
Area of artificial reef added (ha)	0	50	0
Increased cost to your household, each year	\$20	\$300	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input type="checkbox"/>	

s46. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.



	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	700	550	600
Number of Dolphins in Cockburn Sound	60	80	65
Total area of seagrass (ha)	1,100	1,100	1,000
Number of "Seahorse" species present	21	21	17
Area of artificial reef added (ha)	40	20	0
Increased cost to your household, each year	\$300	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s47. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	600	600
Number of Dolphins in Cockburn Sound	70	70	65
Total area of seagrass (ha)	700	700	1,000
Number of "Seahorse" species present	15	19	17
Area of artificial reef added (ha)	20	10	0
Increased cost to your household, each year	\$500	\$150	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

s48. The following 2 options show possible environmental impacts that could occur from different port designs. If these were the only 2 options being considered for the port development, which one would you prefer to see implemented?

Please select which option you prefer by clicking on the table.

	Option 1	Option 2	Current level
Number of Penguins in Cockburn Sound	650	600	600
Number of Dolphins in Cockburn Sound	70	50	65
Total area of seagrass (ha)	1,300	900	1,000
Number of "Seahorse" species present	17	13	17
Area of artificial reef added (ha)	50	40	0
Increased cost to your household, each year	\$50	\$20	
<b>Which one would you prefer?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Q36. Did you find it difficult to make choices between the 2 options?

	Very Difficult 1	2	3	4	5	6	Not Difficult 7
.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Q37. Did you ignore any of the elements when you made your choices? Select all that apply.

- Penguin population
- Dolphin population
- Seagrass area
- Seahorse/sea dragon/pipefish species present

- Area of artificial reef added
- Increased cost
- I did not ignore any elements

Q38. How likely do you think the results of this survey will influence the decisions about managing the environmental impacts of the port?

	Very Unlikely 1	2	3	4	5	6	Very likely 7
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Q39. Currently our container traffic goes through Fremantle Port. Would you prefer for there to be no new port at all developed in Cockburn Sound, and all increases in future container traffic go through Fremantle?

This would mean a higher environmental impact in Fremantle due to the port having to expand there, and also an increase in traffic congestion as there is less space available for the landward side of the port and its road and rail networks to expand around Fremantle, compared to the Kwinana area adjacent to Cockburn Sound.

- I would prefer there to be no port development in Cockburn Sound
- I would prefer the port development in Cockburn Sound to proceed
- I am unsure

Q40. We have noticed that you often selected the option with the lowest cost to you, in all choices. Please select the statement that is most relevant to you:

- Considering the levels of all the environmental attributes and the cost, these were best.
- I would prefer not to have to make these choices, and so selected the cheapest one.
- Currently, I have little money to spare, and that was the most important thing when making my choices.
- Other

Q41. **Your views on the way the Cockburn port proposal has been developed**

In the following questions we ask for your attitudes towards the development of the proposed new port, and the process involved.

We will use the term “**The Port**” to describe the physical infrastructure being proposed.

We will use the term “**Westport**” to describe the Western Australia State government departments involved in developing and operating the port.

If you feel you do not have a view about the question, or are unsure, then answer “neither agree nor disagree”.

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
The people of Western Australia can economically benefit from the development of The Port.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Without the development of The Port, the people of Western Australia will not be able to achieve their most important goals.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport can be relied on to do what they say they will do in the media.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am very satisfied with the process by which Westport is developing The Port.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The development and operation of The Port will be a benefit to the Western Australian population.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport listens to the Western Australian population's concerns about The Port's development and operation.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
In the long-term, the development of The Port will make a positive contribution to the well-being of the people of Western Australia.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q42. Your views on the way the Cockburn port proposal has been developed.**

In the following questions we ask for your attitudes towards the development of the proposed new port, and the process involved.

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Westport treats everyone fairly.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport respects the Western Australian way of doing things.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Western Australian population and Westport have a similar vision for the future of Western Australia.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport will give support to those who will be negatively impacted by the Port Development.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport provides opportunities for the Western Australian population to have input into decision making.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport takes into account the interests of the Western Australian population.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport is concerned about the wellbeing of the Western Australian population.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Westport openly shares information that is relevant to the Western Australian population.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Q43. A little more about you ...**

Which of the following household descriptions best fits you?

- Single without children
- Single with children – at least some of the children are still dependent
- Single with children – with all children having left home
- Couple without children
- Couple with children – at least some of the children are still dependent

Couple with children – with all children having left home

Other

Q44. What is your highest level of education?

Primary / some secondary school

Year 12

Trade or technical certificate

Undergraduate university degree

Postgraduate university degree

prefer not to say

Q46. Do you anticipate a reduction in your individual income over the next 12 months?

yes

No

Don't know

Q47. Do you identify as Aboriginal Australian or Torres Strait Islander?

Yes, Aboriginal Australian

Yes, Torres Strait Islander

Yes, Aboriginal Australian and Torres Strait Islander

No

Q48. Would you describe yourself as a regular recreational fisher (i.e. fish more than once a month)?

Yes

No

Q49. Are you a member of an environmental group (either local, or national such as WWF)

Yes

No



Q50. Before this survey, had you heard of the proposed port development in Cockburn Sound?

Yes

No

Q51. Before this survey, had you heard of the “Westport” organisation?

Yes

No

**Q52. Thank you for completing this survey!**

If you have any further comments you would like to make, please leave them in the box below.

n/a

## Appendix 5 Data codebook

Survey question, question number and coding of responses.

Excludes choice sets

Duration\_\_in\_seconds\_  
duration of survey in seconds

q2 consent.

Yes	1
No	2

q3 What is your gender?

Male	1
Female	2
Other/non-binary	3
Prefer not to say	4

q4 Which age group applies to you?

Less than 18 years	1
18-29 years	2
30-39 years	4
40-49 years	6
50-59 years	8
60-69 years	10
70-79 years	12
80 years and over	15

q5 Please state the postcode of your usual place of residence

q6 Please indicate how often you have visited the Cockburn Sound area in the last 5 years:

Every day	1
A few times a week	2
About once a week	3
About once a fortnight	4
About once a month	5
A few times a year	6
Less than once a year	7
I have not visited Cockburn Sound in the last 5 years	8

q7 Please indicate what sorts of activities you have undertaken in Cockburn Sound during any visits to this location in the last 5 years. Select all relevant options.

q7_1	work	q7_17	water skiing
q7_2	visiting family and/or friends	q7_18	beach activities
q7_3	motor boating	q7_19	walking/running
q7_4	sailing	q7_20	horseback riding
q7_5	swimming	q7_21	horse exercising
q7_6	scuba diving	q7_22	dog beach activities
q7_7	kayaking	q7_23	cycling
q7_8	windsurfing	q7_24	birdwatching
q7_9	hoverboarding	q7_25	picnicking
q7_10	jet-skiing	q7_26	community volunteering
q7_11	snorkelling	q7_27	camping/caravan
q7_12	free diving	q7_28	school/community camps
q7_13	SUP boarding	q7_29	fishing
q7_14	kite surfing	q7_30	hydrofoiling
q7_15	kite boarding	q7_31	other
q7_16	wakeboarding	q7_31_text	OE

Strongly disagree 1  
 Disagree 2  
 Unsure 3  
 Agree 4  
 Strongly agree 5

q9_1	Penguins contribute to my enjoyment of the Cockburn Sound marine environment.
q9_2	Penguins are an important part of the history and cultural heritage of the area.
q9_3	Penguins are important for scientific research and education. (
q9_4	I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to penguins existing in the area.
q9_5	Penguins are important for my recreation in the area. I enjoy seeing and/or interacting with them.
q9_6	Penguins contribute to my strengthening of social bonds – for example, when volunteering with penguins.
q9_7	I personally value penguins' role in the local ecology.
q9_8	Penguins are important in their own right, even if I never see them or interact with them.
q9_9	It is important that the penguins are currently around for other people to enjoy or benefit from.
q9_10	It is important to ensure the penguins are still around for future generations.
q9_11	I care about maintaining the population of penguins in Cockburn Sound.

q10 You said that you disagreed with the following statement: "I care about maintaining the population of penguins in Cockburn Sound". Could you say why?

OE

		Strongly disagree 1 Disagree 2 Unsure 3 Agree 4 Strongly agree 5
q12_1	Dolphins contribute to my enjoyment of the Cockburn Sound marine environment.	
q12_2	Dolphins are an important part of the history and/or cultural heritage of the area.	
q12_3	Dolphins are important for scientific research and education.	
q12_4	I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to Dolphins existing in the area.	
q12_5	Dolphins are important for my recreation in the area. I enjoy seeing and/or interacting with them.	
q12_6	I personally value the role of dolphins in the local ecology.	
q12_7	Dolphins are important in their own right, even if I might never see them or interact with them.	
q12_8	It is important that the dolphins are currently around for other people to enjoy or benefit from.	
q12_9	It is important to ensure that dolphins are still around for future generations.	
q12_10	I care about maintaining dolphins in Cockburn Sound.	
q12_12	Dolphins contribute to the strengthening of my social bonds – for example, when i am swimming or walking near to the water.	
q12_11	Dolphins contribute to my social bonds	

q13 You said that you disagreed with the following statement: "I care about maintaining the dolphins in Cockburn Sound". Could you say why?

OE

Strongly disagree 1  
Disagree 2  
Unsure 3  
Agree 4  
Strongly agree 5

q15_1	Seagrass contributes to my enjoyment of the Cockburn Sound marine environment.
q15_2	Seagrass is an important part of the history and/or cultural heritage of the area.
q15_3	Seagrass is important for scientific research and education.
q15_4	Seagrass is important for my recreation in the area. I enjoy seeing it.
q15_5	Seagrass contributes to the strengthening of my social bonds – for example, when volunteering replanting seagrass.
q15_6	Seagrass contributes to my enjoyment of a pleasant and healthy environment by improving water quality.
q15_7	I personally value seagrass' role in the local ecology.
q15_8	Seagrass is important in its own right, even if I might never see it.
q15_9	I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to seagrass existing in the area.
q15_10	It is important that seagrass is currently around for other people to enjoy or benefit from.
q15_11	It is important to ensure that seagrass is still around for future generations.
q15_12	I care about maintaining the seagrass in Cockburn Sound.



q16 You said that you disagreed with the following statement: "I care about maintaining the seagrass in Cockburn Sound". Could you say why?

OE

		Strongly disagree 1 Disagree 2 Unsure 3 Agree 4 Strongly agree 5
q21_1	Seahorses contribute to my enjoyment of the Cockburn Sound marine environment.	
q21_2	Seahorses are an important part of the history and/or cultural heritage of the area.	
q21_3	Seahorses are important for scientific research and education.	
q21_4	Seahorses are important for my recreation in the area. I enjoy seeing them.	
q21_5	I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to seahorses existing in the area.	
q21_6	I personally value the role of seahorses in the local ecology.	
q21_7	Seahorses are important in their own right, even if I might never see them.	
q21_8	It is important that seahorses are currently around for people other than myself to enjoy or benefit from.	
q21_9	It is important that seahorses are still around for future generations.	
q21_10	Seahorses contribute to the strengthening of my social bonds – for example, when swimming or diving.	
q21_11	I care about maintaining seahorses in Cockburn Sound.	

q56 You said that you disagreed with the following statement: "I care about maintaining seahorses in Cockburn Sound". Could you say why?

OE

		Strongly disagree 1 Disagree 2 Unsure 3 Agree 4 Strongly agree 5
q18_1	I enjoy and/or rely on eating Cockburn Sound fish for food.	
q18_2	Fish contribute to my enjoyment of the Cockburn Sound marine environment.	
q18_3	Fish are an important part of the history and/or cultural heritage of the area.	
q18_4	Fish are important for scientific research and education.	
q18_5	I could see myself having a meaningful occupation (e.g., working in tourism or volunteering) due, partly, to the fish that exist in the area.	
q18_6	Fish are important for my recreation in the area.	
q18_7	Fish contribute to the strengthening of my social bonds – for example, when fishing.	
q18_8	I personally value the role of fish in the local ecology.	
q18_9	Fish are important in their own right, even if I might never see them or interact with them.	
q18_10	It is important that fish are currently around for other people to enjoy or benefit from.	
q18_11	It is important to ensure that fish are still around for future generations.	
q18_12	I care about maintaining the fish in Cockburn Sound.	

q19 You said that you disagreed with the following statement: "I care about maintaining the fish in Cockburn Sound". Could you say why?  
OE

q22 In the previous sections, we have been discussing penguins, dolphins, seagrass, "seahorses" and fish in Cockburn Sound. Are there any other species or environmental attributes that are important to you in Cockburn Sound, regardless of whether you will ever use, see, or interact with them?  
OE

q25 Have you ever seen Little Penguins along the Perth coastal region?

Yes, I have seen them	1
No, I have never seen them	2
Unsure	3

q27 Have you ever seen dolphins in the water along the Perth coast region?

Yes, I have seen them	1
No, I have never seen them	2
Unsure	3

q29 Have you ever been involved in seagrass conservation or restoration in any way?

Yes, I have	1
No, I have not	2
Unsure	3

q31 Have you ever seen a seahorse, sea dragon or pipefish along the beach, coast or in the waters in Western Australia?

Yes, I have seen them	1
No, I have never seen them	2
Unsure	3

q33 Have you heard about people creating artificial reefs along the coast of WA?

Yes	1
No	2
Unsure	3

q45 What was your income over the last 12 months (before tax)?

Under \$13,000 (under \$250/week)	1
\$13,000-\$25,999 (\$250-\$500/week)	2
\$26,000-\$41,599 (\$500-\$800/week)	3
\$41,600-\$62,999 (\$800-\$1200/week)	4
\$62,400-\$88,399 (\$1200-\$1700/week)	5
\$88,400-\$129,999 (\$1700-\$2500/week)	6
\$130,000-\$181,999 (\$2500-\$3500/week)	7
\$182,000 and over (\$3000+/week)	8
prefer not to say	9

Choice set questions, for question s1-s48

For i=1 to 48

Si\_1 =Off if option 1 is not selected

Si\_1 = On if option 1 is selected

Si\_2= Off if option 2 is not selected

Si\_2=On if option 2 is selected.

q36 Did you find it difficult to make choices between the 2 options?

Very Difficult	1
	2
	3
	4
	5
	6
Not Difficult	7

q37 Did you ignore any of the elements when you made your choices? Select all that apply.

Penguin population	1
Dolphin population	2
Seagrass area	3
Seahorse/sea dragon/pipefish species present	4
Area of artificial reef added	5
Increased cost	6
I did not ignore any elements	7

q38 How likely do you think the results of this survey will influence the decisions about managing the environmental impacts of the port?

Very Unlikely	1
	2
	3
	4
	5
	6
Not Likely	7

q39

I would prefer there to be no port development in Cockburn Sound	1
I would prefer the port development in Cockburn Sound to proceed	2
I am unsure	3

q40 We have noticed that you often selected the option with the lowest cost to you, in all choices. Please select the statement that is most relevant to you:

Considering the levels of all the environmental attributes and the cost, these were best.	5
I would prefer not to have to make these choices, and so selected the cheapest one.	6
Currently, I have little money to spare, and that was the most important thing when making my choices.	7
Other	8

		Strongly disagree 1 Disagree 2 Unsure 3 Agree 4 Strongly agree 5
q41_1	The people of Western Australia can economically benefit from the development of The Port.	
q41_2	Without the development of The Port, the people of Western Australia will not be able to achieve their most important goals.	
q41_3	Westport can be relied on to do what they say they will do in the media.	
q41_4	I am very satisfied with the process by which Westport is developing The Port.	
q41_5	The development and operation of The Port will be a benefit to the Western Australian population.	
q41_6	Westport listens to the Western Australian population's concerns about The Port's development and operation.	
q41_7	In the long-term, the development of The Port will make a positive contribution to the well-being of the people of Western Australia.	

Strongly disagree  
1  
Disagree 2  
Unsure 3  
Agree 4  
Strongly agree 5

q42_1	Westport treats everyone fairly.
q42_2	Westport respects the Western Australian way of doing things.
q42_3	The Western Australian population and Westport have a similar vision for the future of Western Australia.
q42_4	Westport will give support to those who will be negatively impacted by the Port Development.
q42_5	Westport provides opportunities for the Western Australian population to have input into decision making.
q42_6	Westport takes into account the interests of the Western Australian population.
q42_7	Westport is concerned about the wellbeing of the Western Australian population.
q42_8	Westport openly shares information that is relevant to the Western Australian population.

q43 Which of the following household descriptions best fits you?

Single without children	1
Single with children – at least some of the children are still dependent	2
Single with children – with all children having left home	3
Couple without children	4
Couple with children – at least some of the children are still dependent	5
Couple with children – with all children having left home	6
Other	7

Q43\_7\_text  
OE if q43==7

q44 What is your highest level of education?

Primary / some secondary school	1
Year 12	2
Trade or technical certificate	3
Undergraduate university degree	4
Postgraduate university degree	5
prefer not to say	6



q46 Do you anticipate a reduction in your individual income over the next 12 months?

yes	1
No	2
Don't know	3

q47 Do you identify as Aboriginal Australian or Torres Strait Islander?

Yes, Aboriginal Australian	1
Yes, Torres Strait Islander	2
Yes, Aboriginal Australian and Torres Strait Islander	3
No	4

q48 Would you describe yourself as a regular recreational fisher (i.e. fish more than once a month)?

Yes	1
No	2

q49 Are you a member of an environmental group (either local, or national such as WWF)

Yes	1
No	2

q50 Before this survey, had you heard of the proposed port development in Cockburn Sound?

Yes	1
No	2

q51 Before this survey, had you heard of the "Westport" organisation?

Yes	1
No	2

q52 If you have any further comments you would like to make, please leave them in the box below.  
OE

*Generated variables*

time=Duration\_\_in\_seconds\_/60

inc

income level weekly

inc=200 if q45==1

inc=375 if q45==2

inc=650 if q45==3

inc=1000 if q45==4

inc=1450 if q45==5

inc=2100 if q45==6

inc=3000 if q45==7

inc=3500 if q45==8

inca=inc\*52/100000

age

age in years

age=23.5 if q4==2

age=35 if q4==4

age=45 if q4==6

age=55 if q4==8

age=65 if q4==10

age=75 if q4==12

age=85 if q4==15

visit

level of visitation to CS

visit=0 if q6==8

visit=1 if q6==7

visit=4 if q6==6

visit=12 if q6==5

visit=26 if q6==4

visit=52 if q6==3

visit=100 if q6==2

visit=365 if q6==1

## Appendix 6 Summary tables of all survey responses

Summary tables of all survey questions, identified by question number and with text labels

Excludes choice sets

Westport summary report

**Tabulation of q4** Distribution of ages

Which age group applies to you?	Freq.	Percent	Cum.
18-29 years	225	16.79	16.79
30-39 years	286	21.34	38.13
40-49 years	237	17.69	55.82
50-59 years	232	17.31	73.13
60-69 years	195	14.55	87.69
70-79 years	135	10.07	97.76
80 years and over	30	2.24	100.00
Total	1340	100.00	

**Tabulation of q3** Distribution of gender

What is your gender?	Freq.	Percent	Cum.
Male	607	45.30	45.30
Female	729	54.40	99.70
Other/non-binary	3	0.22	99.93
Prefer not to say	1	0.07	100.00
Total	1340	100.00	

**Tabulation of q6**

Please indicate how often you have visited the Cockburn Sound area in the last 5 years	Freq.	Percent	Cum.
Every day	23	1.72	1.72
A few times a week	56	4.18	5.90
About once a week	64	4.78	10.67
About once a fortnight	63	4.70	15.37
About once a month	126	9.40	24.78
A few times a year	399	29.78	54.55
Less than once a year	307	22.91	77.46
I have not visited Cockburn Sound in the last 5 years	302	22.54	100.00
Total	1340	100.00	

count

Please indicate what sorts of activities you have undertaken in Cockburn Sound during any visits to this location in the last 5 years. Select all relevant options.

beach activities	659
birdwatching	65
camping/caravan	59
community volunteering	17
cycling	110
dog beach activities	163
free diving	53
fishing	217
horse exercising	12
horseback riding	14
hydrofoiling	6
hoverboarding	1
jet-skiing	21
kayaking	42
kite boarding	9
kite surfing	10
motor boating	38
picnicking	320
sailing	23
school/community camps	24
scuba diving	15
swimming	378
snorkelling	107
SUP boarding	30
visiting family and/or friends	286
walking/running	
wakeboarding	7
water skiing	13
windsurfing	6
work	77

#### Tabulation of q7\_31\_text

Please indicate what sorts of activities you have undertaken in Cockburn Sound d	Freq.	Percent	Cum.
Appointment	1	1.39	1.39
Boat trip to penguin island	1	1.39	2.78
Browsing nearby shops d boat area	1	1.39	4.17
Dining	2	2.78	6.94
Dining and shopping	1	1.39	8.33
Dolphin Tour	1	1.39	9.72
Driving the scenic drive for the scenery	1	1.39	11.11
Driving through	1	1.39	12.50
Drove through	1	1.39	13.89
Family	1	1.39	15.28
Food	1	1.39	16.67
Helping someone move	1	1.39	18.06
Holiday	1	1.39	19.44
Hospital	1	1.39	20.83
Just travelling through	1	1.39	22.22

Kids birthday	1	1.39	23.61
Navy open day	1	1.39	25.00
Operating food caravan	1	1.39	26.39
Passing by	1	1.39	27.78
Penguin Island	1	1.39	29.17
Racing	1	1.39	30.56
Relaxing	1	1.39	31.94
Restaurants	1	1.39	33.33
Scenic Drive	1	1.39	34.72
Shopping	2	2.78	37.50
Shopping center	1	1.39	38.89
Sight seeing	2	2.78	41.67
Sightseeing	4	5.56	47.22
Sightseeing with interstate visitor	1	1.39	48.61
Sitting along the beach	1	1.39	50.00
Staying at the shacks	1	1.39	51.39
Visit Garden Island Navy Base	1	1.39	52.78
Visit friends	1	1.39	54.17
Visit naval base	1	1.39	55.56
Visited	1	1.39	56.94
Visiting an area I once visited as a 9 year old	1	1.39	58.33
Visiting friends	1	1.39	59.72
Visiting friends home	1	1.39	61.11
W	1	1.39	62.50
We take a drive past to watch the horses and stop at the park	1	1.39	63.89
Whale Watching	1	1.39	65.28
birthday parties grand children	1	1.39	66.67
buying boating gear	1	1.39	68.06
cafe	1	1.39	69.44
cafe visits	1	1.39	70.83
dining	1	1.39	72.22
dolphin and seal watching	1	1.39	73.61
food outlets	1	1.39	75.00
i live in the area	1	1.39	76.39
ice skating	1	1.39	77.78
lawn bowls	1	1.39	79.17
market	1	1.39	80.56
none	2	2.78	83.33
not visited	1	1.39	84.72
remembering when i was younger 9/10years	1	1.39	86.11
restaurant	1	1.39	87.50
shoping	1	1.39	88.89
shopping	2	2.78	91.67
sightseeing	1	1.39	93.06
socialising	1	1.39	94.44
visitation	1	1.39	95.83
visiting rockingham	1	1.39	97.22
visting family	1	1.39	98.61
wedding photos	1	1.39	100.00
Total	72	100.00	

**Tabulation of q9\_1** Penguins contribute to my enjoyment of the Cockburn Sound marine environment

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	22	1.64	1.64
Disagree	29	2.16	3.81
Unsure	183	13.66	17.46
Agree	554	41.34	58.81
Strongly Agree	552	41.19	100.00
Total	1340	100.00	

**Tabulation of q9\_2** Penguins are an important part of the history and cultural heritage of the area.

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	9	0.67	0.67
Disagree	3	0.22	0.90
Unsure	89	6.64	7.54
Agree	496	37.01	44.55
Strongly Agree	743	55.45	100.00
Total	1340	100.00	

**Tabulation of q9\_3** Penguins are important for scientific research and education

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	9	0.67	0.67
Disagree	10	0.75	1.42
Unsure	135	10.07	11.49
Agree	547	40.82	52.31
Strongly Agree	639	47.69	100.00
Total	1340	100.00	

**Tabulation of q9\_4** I could see myself having a meaningful occupation due partly to penguins existing in the area

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	132	9.85	9.85
Disagree	305	22.76	32.61
Unsure	464	34.63	67.24
Agree	286	21.34	88.58
Strongly Agree	153	11.42	100.00
Total	1340	100.00	

**Tabulation of q9\_5** Penguins are important for my recreation in the area.

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	34	2.54	2.54
Disagree	81	6.04	8.58
Unsure	261	19.48	28.06
Agree	642	47.91	75.97
Strongly Agree	322	24.03	100.00
Total	1340	100.00	



**Tabulation of q9\_6** Penguins contribute to my strengthening of social bonds

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	71	5.30	5.30
Disagree	217	16.19	21.49
Unsure	520	38.81	60.30
Agree	357	26.64	86.94
Strongly Agree	175	13.06	100.00
Total	1340	100.00	

**Tabulation of q9\_7** I personally value penguins' role in the local ecology

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	10	0.75	0.75
Disagree	24	1.79	2.54
Unsure	115	8.58	11.12
Agree	655	48.88	60.00
Strongly Agree	536	40.00	100.00
Total	1340	100.00	

**Tabulation of q9\_8** Penguins are important in their own right

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	5	0.37	0.37
Disagree	8	0.60	0.97
Unsure	46	3.43	4.40
Agree	527	39.33	43.73
Strongly Agree	754	56.27	100.00
Total	1340	100.00	

**Tabulation of q9\_9** It is important that the penguins are currently around for other people to enjoy or benefit from

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	17	1.27	1.27
Disagree	49	3.66	4.93
Unsure	146	10.90	15.82
Agree	523	39.03	54.85
Strongly Agree	605	45.15	100.00
Total	1340	100.00	

**Tabulation of q9\_10** It is important to ensure the penguins are still around for future generations

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	5	0.37	0.37
Disagree	8	0.60	0.97
Unsure	33	2.46	3.43
Agree	393	29.33	32.76
Strongly Agree	901	67.24	100.00
Total	1340	100.00	

**Tabulation of q9\_11** I care about maintaining the population of penguins in Cockburn Sound

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	5	0.37	0.37
Disagree	6	0.45	0.82
Unsure	83	6.19	7.01
Agree	451	33.66	40.67
Strongly Agree	795	59.33	100.00
Total	1340	100.00	

**Tabulation of q12\_1** Dolphins contribute to my enjoyment of the Cockburn Sound marine environment

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	13	0.97	0.97
Disagree	28	2.09	3.06
Unsure	109	8.13	11.19
Agree	535	39.93	51.12
Strongly Agree	655	48.88	100.00
Total	1340	100.00	

**Tabulation of q12\_2** Dolphins are an important part of the history and cultural heritage of the area.

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	4	0.30	0.30
Disagree	6	0.45	0.75
Unsure	78	5.82	6.57
Agree	512	38.21	44.78
Strongly Agree	740	55.22	100.00
Total	1340	100.00	

**Tabulation of q12\_3** Dolphins are important for scientific research and education

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	4	0.30	0.30
Disagree	11	0.82	1.12
Unsure	92	6.87	7.99
Agree	525	39.18	47.16
Strongly Agree	708	52.84	100.00
Total	1340	100.00	

**Tabulation of q12\_4** I could see myself having a meaningful occupation due partly to dolphins existing in the area

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	125	9.33	9.33
Disagree	246	18.36	27.69
Unsure	411	30.67	58.36
Agree	314	23.43	81.79
Strongly Agree	244	18.21	100.00
Total	1340	100.00	

**Tabulation of q12\_5** Dolphins are important for my recreation in the area.

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	19	1.42	1.42
Disagree	46	3.43	4.85
Unsure	131	9.78	14.63
Agree	607	45.30	59.93
Strongly Agree	537	40.07	100.00
Total	1340	100.00	

**Tabulation of q12\_6** I personally value dolphins' role in the local ecology

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	8	0.60	0.60
Disagree	13	0.97	1.57
Unsure	62	4.63	6.19
Agree	515	38.43	44.63
Strongly Agree	742	55.37	100.00
Total	1340	100.00	

**Tabulation of q12\_7** Dolphins are important in their own right

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	2	0.15	0.15
Disagree	4	0.30	0.45
Unsure	37	2.76	3.21
Agree	440	32.84	36.04
Strongly Agree	857	63.96	100.00
Total	1340	100.00	

**Tabulation of q12\_8** It is important that the dolphins are currently around for other people to enjoy or benefit from

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	9	0.67	0.67
Disagree	41	3.06	3.73
Unsure	103	7.69	11.42
Agree	449	33.51	44.93
Strongly Agree	738	55.07	100.00
Total	1340	100.00	

**Tabulation of q12\_9** It is important to ensure the dolphins are still around for future generations

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	2	0.15	0.15
Disagree	6	0.45	0.60
Unsure	30	2.24	2.84
Agree	359	26.79	29.63
Strongly Agree	943	70.37	100.00
Total	1340	100.00	

**Tabulation of q12\_10** I care about maintaining the population of dolphins in Cockburn Sound

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	3	0.22	0.22
Disagree	6	0.45	0.67
Unsure	69	5.15	5.82
Agree	471	35.15	40.97
Strongly Agree	791	59.03	100.00
Total	1340	100.00	

**Tabulation of q12\_12** Dolphins contribute to my strengthening of social bonds

Please select your level of agreement or disagreement with each statement listed	Freq.	Percent	Cum.
Strongly Disagree	37	2.76	2.76
Disagree	155	11.57	14.33
Unsure	360	26.87	41.19
Agree	429	32.01	73.21
Strongly Agree	359	26.79	100.00
Total	1340	100.00	

**Tabulation of q15\_1** Seagrass contribute to my enjoyment of the Cockburn Sound marine environment

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	37	2.76	2.76
Disagree	173	12.91	15.67
Unsure	382	28.51	44.18
Agree	453	33.81	77.99
Strongly Agree	295	22.01	100.00
Total	1340	100.00	

**Tabulation of q15\_2** Seagrass are an important part of the history and cultural heritage of the area.

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	7	0.52	0.52
Disagree	46	3.43	3.96
Unsure	259	19.33	23.28
Agree	543	40.52	63.81
Strongly Agree	485	36.19	100.00
Total	1340	100.00	

**Tabulation of q15\_3** Seagrass are important for scientific research and education

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	3	0.22	0.22
Disagree	12	0.90	1.12
Unsure	157	11.72	12.84
Agree	579	43.21	56.04
Strongly Agree	589	43.96	100.00
Total	1340	100.00	

**Tabulation of q15\_4** Seagrass are important for my recreation in the area.

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	43	3.21	3.21
Disagree	238	17.76	20.97
Unsure	387	28.88	49.85
Agree	432	32.24	82.09
Strongly Agree	240	17.91	100.00
Total	1340	100.00	

**Tabulation of q15\_5** Seagrass contribute to my strengthening of social bonds

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	89	6.64	6.64
Disagree	311	23.21	29.85
Unsure	467	34.85	64.70
Agree	293	21.87	86.57
Strongly Agree	180	13.43	100.00
Total	1340	100.00	

**Tabulation of q15\_6** Seagrass contributes to my enjoyment of a pleasant and healthy environment by improving water quality

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	31	2.31	2.31
Disagree	83	6.19	8.51
Unsure	228	17.01	25.52
Agree	554	41.34	66.87
Strongly Agree	444	33.13	100.00
Total	1340	100.00	

**Tabulation of q15\_7** I personally value seagrass' role in the local ecology

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	14	1.04	1.04
Disagree	30	2.24	3.28
Unsure	167	12.46	15.75
Agree	568	42.39	58.13
Strongly Agree	561	41.87	100.00
Total	1340	100.00	

**Tabulation of q15\_8** seagrass are important in their own right

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	4	0.30	0.30
Disagree	8	0.60	0.90
Unsure	129	9.63	10.52
Agree	520	38.81	49.33
Strongly Agree	679	50.67	100.00
Total	1340	100.00	

**Tabulation of q15\_9** I could see myself having a meaningful occupation due partly to seagrass existing in the area

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	168	12.54	12.54
Disagree	358	26.72	39.25
Unsure	430	32.09	71.34
Agree	234	17.46	88.81
Strongly Agree	150	11.19	100.00
Total	1340	100.00	

**Tabulation of q15\_10** It is important that the seagrass are currently around for other people to enjoy or benefit from

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	14	1.04	1.04
Disagree	48	3.58	4.63
Unsure	227	16.94	21.57
Agree	557	41.57	63.13
Strongly Agree	494	36.87	100.00
Total	1340	100.00	

**Tabulation of q15\_11** It is important to ensure the seagrass are still around for future generations

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	6	0.45	0.45
Disagree	17	1.27	1.72
Unsure	127	9.48	11.19
Agree	486	36.27	47.46
Strongly Agree	704	52.54	100.00
Total	1340	100.00	

**Tabulation of q15\_12** I care about maintaining the population of seagrass in Cockburn Sound

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	10	0.75	0.75
Disagree	16	1.19	1.94
Unsure	164	12.24	14.18
Agree	556	41.49	55.67
Strongly Agree	594	44.33	100.00
Total	1340	100.00	

**Tabulation of q21\_1** seahorses contribute to my enjoyment of the Cockburn Sound marine environment

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	28	2.09	2.09
Disagree	100	7.46	9.55
Unsure	271	20.22	29.78
Agree	527	39.33	69.10
Strongly Agree	414	30.90	100.00
Total	1340	100.00	

**Tabulation of q21\_2** seahorses are an important part of the history and cultural heritage of the area.

Now, please select your level of agreement or disagreement with each statement l	Freq.	Percent	Cum.
Strongly Disagree	5	0.37	0.37
Disagree	20	1.49	1.87
Unsure	160	11.94	13.81
Agree	566	42.24	56.04
Strongly Agree	589	43.96	100.00
Total	1340	100.00	

**Tabulation of q21\_3** Seahorses are important for scientific research and education

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	3	0.22	0.22
Disagree	9	0.67	0.90
Unsure	116	8.66	9.55
Agree	566	42.24	51.79
Strongly Agree	646	48.21	100.00
Total	1340	100.00	

**Tabulation of q21\_4** Seahorses are important for my recreation in the area.

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	26	1.94	1.94
Disagree	104	7.76	9.70
Unsure	280	20.90	30.60
Agree	529	39.48	70.07
Strongly Agree	401	29.93	100.00
Total	1340	100.00	

**Tabulation of q21\_5** I could see myself having a meaningful occupation

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	145	10.82	10.82
Disagree	266	19.85	30.67
Unsure	454	33.88	64.55
Agree	288	21.49	86.04
Strongly Agree	187	13.96	100.00
Total	1340	100.00	

**Tabulation of q21\_6** I personally value Seahorses' role in the local ecology

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	7	0.52	0.52
Disagree	19	1.42	1.94
Unsure	140	10.45	12.39
Agree	583	43.51	55.90
Strongly Agree	591	44.10	100.00
Total	1340	100.00	



**Tabulation of q21\_7** Seahorses are important in their own right

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	4	0.30	0.30
Disagree	5	0.37	0.67
Unsure	80	5.97	6.64
Agree	498	37.16	43.81
Strongly Agree	753	56.19	100.00
Total	1340	100.00	

**Tabulation of q21\_8** It is important that the Seahorses are currently around for other people to enjoy or benefit from

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	9	0.67	0.67
Disagree	28	2.09	2.76
Unsure	135	10.07	12.84
Agree	518	38.66	51.49
Strongly Agree	650	48.51	100.00
Total	1340	100.00	

**Tabulation of q21\_9** It is important to ensure the seahorses are still around for future generations

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	3	0.22	0.22
Disagree	4	0.30	0.52
Unsure	71	5.30	5.82
Agree	440	32.84	38.66
Strongly Agree	822	61.34	100.00
Total	1340	100.00	

**Tabulation of q21\_10** Seahorses contribute to my strengthening of social bonds

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	49	3.66	3.66
Disagree	176	13.13	16.79
Unsure	336	25.07	41.87
Agree	419	31.27	73.13
Strongly Agree	360	26.87	100.00
Total	1340	100.00	

**Tabulation of q21\_11** I care about maintaining the population of seahorses in Cockburn Sound

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	4	0.30	0.30
Disagree	4	0.30	0.60
Unsure	113	8.43	9.03
Agree	503	37.54	46.57
Strongly Agree	716	53.43	100.00
Total	1340	100.00	

**Tabulation of q18\_1** I enjoy and/or rely on eating Cockburn Sound fish for food

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	118	8.81	8.81
Disagree	248	18.51	27.31
Unsure	195	14.55	41.87
Agree	438	32.69	74.55
Strongly Agree	341	25.45	100.00
Total	1340	100.00	

**Tabulation of q18\_2** Fish contribute to my enjoyment of the Cockburn Sound marine environment

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	26	1.94	1.94
Disagree	65	4.85	6.79
Unsure	163	12.16	18.96
Agree	561	41.87	60.82
Strongly Agree	525	39.18	100.00
Total	1340	100.00	

**Tabulation of q18\_3** Fish are an important part of the history and cultural heritage of the area.

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	3	0.22	0.22
Disagree	12	0.90	1.12
Unsure	102	7.61	8.73
Agree	499	37.24	45.97
Strongly Agree	724	54.03	100.00
Total	1340	100.00	

**Tabulation of q18\_4** Fish are important for scientific research and education

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	2	0.15	0.15
Disagree	4	0.30	0.45
Unsure	86	6.42	6.87
Agree	512	38.21	45.07
Strongly Agree	736	54.93	100.00
Total	1340	100.00	

**Tabulation of q18\_5** I could see myself having a meaningful occupation due partly to fish existing in the area

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	144	10.75	10.75
Disagree	282	21.04	31.79
Unsure	409	30.52	62.31
Agree	269	20.07	82.39
Strongly Agree	236	17.61	100.00
Total	1340	100.00	

**Tabulation of q18\_6** Fish are important for my recreation in the area.

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	41	3.06	3.06
Disagree	133	9.93	12.99
Unsure	186	13.88	26.87
Agree	507	37.84	64.70
Strongly Agree	473	35.30	100.00
Total	1340	100.00	

**Tabulation of q18\_7** Fish contribute to my strengthening of social bonds

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	56	4.18	4.18
Disagree	178	13.28	17.46
Unsure	234	17.46	34.93
Agree	470	35.07	70.00
Strongly Agree	402	30.00	100.00
Total	1340	100.00	

**Tabulation of q18\_8** I personally value fish' role in the local ecology

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	5	0.37	0.37
Disagree	16	1.19	1.57
Unsure	71	5.30	6.87
Agree	489	36.49	43.36
Strongly Agree	759	56.64	100.00
Total	1340	100.00	

**Tabulation of q18\_9** Fish are important in their own right

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	2	0.15	0.15
Disagree	5	0.37	0.52
Unsure	50	3.73	4.25
Agree	451	33.66	37.91
Strongly Agree	832	62.09	100.00
Total	1340	100.00	

**Tabulation of q18\_10** It is important that the fish are currently around for other people to enjoy or benefit from

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	7	0.52	0.52
Disagree	13	0.97	1.49
Unsure	82	6.12	7.61
Agree	463	34.55	42.16
Strongly Agree	775	57.84	100.00
Total	1340	100.00	

**Tabulation of q18\_11** It is important to ensure the fish are still around for future generations

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Disagree	7	0.52	0.52
Unsure	41	3.06	3.58
Agree	372	27.76	31.34
Strongly Agree	920	68.66	100.00
Total	1340	100.00	

**Tabulation of q18\_12** I care about maintaining the population of fish in Cockburn Sound

Now, please select your level of agreement or disagreement with each statement 1	Freq.	Percent	Cum.
Strongly Disagree	2	0.15	0.15
Disagree	5	0.37	0.52
Unsure	65	4.85	5.37
Agree	475	35.45	40.82
Strongly Agree	793	59.18	100.00
Total	1340	100.00	

**Tabulation of q25** Have you ever seen Little Penguins in the water along the Perth coast?

Have you ever seen Little Penguins along the Perth coastal region?	Freq.	Percent	Cum.
Yes, I have seen them	592	44.18	44.18
No, I have never seen them	670	50.00	94.18
Unsure	78	5.82	100.00
Total	1340	100.00	

**Tabulation of q27** Have you ever seen dolphins in the water along the Perth coast?

Have you ever seen dolphins in the water along the Perth coast region?	Freq.	Percent	Cum.
Yes, I have seen them	1070	79.85	79.85
No, I have never seen them	236	17.61	97.46
Unsure	34	2.54	100.00
Total	1340	100.00	

**Tabulation of q29** Have you ever been involved in seagrass conservation or restoration in any way?

Have you ever been involved in seagrass conservation or restoration in any way?	Freq.	Percent	Cum.
Yes, I have	273	20.37	20.37
No, I have not	993	74.10	94.48
Unsure	74	5.52	100.00
Total	1340	100.00	

**Tabulation of q31** Have you ever seen seahorses, seadragon or pipefish

Have you ever seen a seahorse, sea dragon or pipefish along the beach, coast or	Freq.	Percent	Cum.
Yes, I have seen them	282	21.04	21.04
No, I have never seen them	993	74.10	95.15
Unsure	65	4.85	100.00
Total	1340	100.00	

**Tabulation of q33** Have you heard about people creating artificial reefs along the coast of WA?

Have you heard about people creating artificial reefs along the coast of WA?	Freq.	Percent	Cum.
Yes	826	61.64	61.64
No	401	29.93	91.57
Unsure	113	8.43	100.00
Total	1340	100.00	

**Tabulation of q44** Income levels

What is your highest level of education?	Freq.	Percent	Cum.
Primary / some secondary school	133	9.95	9.95
Year 12	264	19.75	29.69
Trade or technical certificate	369	27.60	57.29
Undergraduate university degree	352	26.33	83.62
Postgraduate university degree	178	13.31	96.93
prefer not to say	41	3.07	100.00
Total	1337	100.00	

**Tabulation of q36\_1** Did you find it difficult to make choices between the 2 options?

Did you find it difficult to make choices between the 2 options?	Freq.	Percent	Cum.
Very Difficult 1	133	9.93	9.93
2	140	10.45	20.37
3	250	18.66	39.03
4	315	23.51	62.54
5	229	17.09	79.63
6	124	9.25	88.88
Not Difficult 7	149	11.12	100.00
Total	1340	100.00	

**Tabulation of q37\_1** Did you ignore any of the elements when you made your choices? (count)

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Penguin population	71	100.00	100.00
Total	71	100.00	

**Tabulation of q37\_2**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Dolphin population	76	100.00	100.00
Total	76	100.00	

**Tabulation of q37\_3**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Seagrass area	171	100.00	100.00
Total	171	100.00	

**Tabulation of q37\_4**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Seahorse/sea dragon/pipefish species present	90	100.00	100.00
Total	90	100.00	

**Tabulation of q37\_5**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Area of artificial reef added	237	100.00	100.00
Total	237	100.00	

**Tabulation of q37\_6**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
Increased cost	240	100.00	100.00
Total	240	100.00	

**Tabulation of q37\_7**

Did you ignore any of the elements when you made your choices? Select all that apply	Freq.	Percent	Cum.
I did not ignore any elements	811	100.00	100.00
Total	811	100.00	

**Tabulation of q38\_1** How likely do you think the results of this survey will influence the decisions about managing the environmental impacts of the port?

How likely do you think the results of this survey will influence the decisions	Freq.	Percent	Cum.
Very Unlikely 1	141	10.52	10.52
2	128	9.55	20.07
3	204	15.22	35.30
4	391	29.18	64.48
5	275	20.52	85.00
6	112	8.36	93.36
Very likely 7	89	6.64	100.00
Total	1340	100.00	

**Tabulation of q39**

Currently our container traffic goes through Fremantle Port. Would you prefer f	Freq.	Percent	Cum.
I would prefer there to be no port development in Cockburn Sound	600	44.78	44.78
I would prefer the port development in Cockburn Sound to proceed	289	21.57	66.34
I am unsure	451	33.66	100.00
Total	1340	100.00	

**Tabulation of q40** Reasons for selecting lowest cost (count)

	Freq.	Percent	Cum.
We have noticed that you often selected the option with the lowest cost to you,			
Considering the levels of all the environmental attributes and the cost, these were best.	75	22.73	22.73
I would prefer not to have to make these choices, and so selected the cheapest one.	44	13.33	36.06
Currently, I have little money to spare, and that was the most important thing when making my choices.	183	55.45	91.52
Other	28	8.48	100.00
Total	330	100.00	

**Tabulation of q41\_1** The people of Western Australia can economically benefit from the development of The Port

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	29	2.16	2.16
Disagree	90	6.72	8.88
Neither agree nor disagree	479	35.75	44.63
Agree	622	46.42	91.04
Strongly agree	120	8.96	100.00
Total	1340	100.00	

**Tabulation of q41\_2** Without the development of The Port, the people of Western Australia will not be able to achieve their most important goals.

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	91	6.79	6.79
Disagree	359	26.79	33.58
Neither agree nor disagree	585	43.66	77.24
Agree	247	18.43	95.67
Strongly agree	58	4.33	100.00
Total	1340	100.00	

**Tabulation of q41\_3** Westport can be relied on to do what they say they will do in the media

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	129	9.63	9.63
Disagree	315	23.51	33.13
Neither agree nor disagree	655	48.88	82.01
Agree	201	15.00	97.01
Strongly agree	40	2.99	100.00
Total	1340	100.00	



**Tabulation of q41\_4** I am very satisfied with the process by which Westport is developing The Port

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	70	5.22	5.22
Disagree	218	16.27	21.49
Neither agree nor disagree	835	62.31	83.81
Agree	172	12.84	96.64
Strongly agree	45	3.36	100.00
Total	1340	100.00	

**Tabulation of q41\_5** The development and operation of The Port will be a benefit to the Western Australian population.

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	46	3.43	3.43
Disagree	136	10.15	13.58
Neither agree nor disagree	511	38.13	51.72
Agree	532	39.70	91.42
Strongly agree	115	8.58	100.00
Total	1340	100.00	

**Tabulation of q41\_6** Westport listens to the Western Australian population's concerns about The Port's development and operation

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	109	8.13	8.13
Disagree	307	22.91	31.04
Neither agree nor disagree	653	48.73	79.78
Agree	230	17.16	96.94
Strongly agree	41	3.06	100.00
Total	1340	100.00	

**Tabulation of q41\_7** In the long-term, the development of The Port will make a positive contribution to the well-being of the people of Western Australia

Your views on the way the Cockburn port proposal has been developed In the f	Freq.	Percent	Cum.
Strongly disagree	54	4.03	4.03
Disagree	159	11.87	15.90
Neither agree nor disagree	549	40.97	56.87
Agree	454	33.88	90.75
Strongly agree	124	9.25	100.00
Total	1340	100.00	

**Tabulation of q42\_1** Westport treats everyone fairly.

	Freq.	Percent	Cum.
Strongly disagree	68	5.07	5.07
Disagree	247	18.43	23.51
Neither agree nor disagree	795	59.33	82.84
Agree	189	14.10	96.94
Strongly agree	41	3.06	100.00
Total	1340	100.00	

**Tabulation of q42\_2** Westport respects the Western Australian way of doing things.

	Freq.	Percent	Cum.
Strongly disagree	74	5.52	5.52
Disagree	213	15.90	21.42
Neither agree nor disagree	719	53.66	75.07
Agree	291	21.72	96.79
Strongly agree	43	3.21	100.00
Total	1340	100.00	

**Tabulation of q42\_3** The Western Australian population and Westport have a similar vision for the future of Western Australia.

	Freq.	Percent	Cum.
Strongly disagree	71	5.30	5.30
Disagree	275	20.52	25.82
Neither agree nor disagree	690	51.49	77.31
Agree	254	18.96	96.27
Strongly agree	50	3.73	100.00
Total	1340	100.00	

**Tabulation of q42\_4** Westport will give support to those who will be negatively impacted by the Port Development.

	Freq.	Percent	Cum.
Strongly disagree	85	6.34	6.34
Disagree	283	21.12	27.46
Neither agree nor disagree	695	51.87	79.33
Agree	244	18.21	97.54
Strongly agree	33	2.46	100.00
Total	1340	100.00	

**Tabulation of q42\_5** Westport provides opportunities for the Western Australian population to have input into decision making.

	Freq.	Percent	Cum.
Strongly disagree	66	4.93	4.93
Disagree	224	16.72	21.64
Neither agree nor disagree	622	46.42	68.06
Agree	375	27.99	96.04
Strongly agree	53	3.96	100.00
Total	1340	100.00	

**Tabulation of q42\_6** Westport takes into account the interests of the Western Australian population.

	Freq.	Percent	Cum.
Strongly disagree	76	5.67	5.67
Disagree	243	18.13	23.81
Neither agree nor disagree	631	47.09	70.90
Agree	335	25.00	95.90
Strongly agree	55	4.10	100.00
Total	1340	100.00	

**Tabulation of q42\_7** Westport is concerned about the wellbeing of the Western Australian population

	Freq.	Percent	Cum.
Strongly disagree	80	5.97	5.97
Disagree	278	20.75	26.72
Neither agree nor disagree	623	46.49	73.21
Agree	307	22.91	96.12
Strongly agree	52	3.88	100.00
Total	1340	100.00	

**Tabulation of q42\_8** Westport openly shares information that is relevant to the Western Australian population.

	Freq.	Percent	Cum.
Strongly disagree	75	5.60	5.60
Disagree	241	17.99	23.58
Neither agree nor disagree	701	52.31	75.90
Agree	274	20.45	96.34
Strongly agree	49	3.66	100.00
Total	1340	100.00	

**Tabulation of q43** A little more about you ...Which of the following household descriptions best describes you

	Freq.	Percent	Cum.
Single without children	260	19.40	19.40
Single with children " at least some of the children are still dependent	90	6.72	26.12
Single with children " with all children having left home	91	6.79	32.91
Couple without children	212	15.82	48.73
Couple with children " at least some of the children are still dependent	413	30.82	79.55
Couple with children " with all children having left home	228	17.01	96.57
Other	46	3.43	100.00
Total	1340	100.00	

**Tabulation of q44** What is your highest level of education?

	Freq.	Percent	Cum.
Primary / some secondary school	133	9.95	9.95
Year 12	264	19.75	29.69
Trade or technical certificate	369	27.60	57.29
Undergraduate university degree	352	26.33	83.62
Postgraduate university degree	178	13.31	96.93
prefer not to say	41	3.07	100.00
Total	1337	100.00	

**Tabulation of q46** Do you anticipate a reduction in your individual income over the next 12 months?

	Freq.	Percent	Cum.
yes	277	20.72	20.72
No	816	61.03	81.75
Don't know	244	18.25	100.00
Total	1337	100.00	

**Tabulation of q47** Do you identify as Aboriginal Australian or Torres Strait Islander?

	Freq.	Percent	Cum.
Yes, Aboriginal Australian	25	1.87	1.87
Yes, Torres Strait Islander	2	0.15	2.02
Yes, Aboriginal Australian and Torres Strait Islander	3	0.22	2.24
No	1308	97.76	100.00
Total	1338	100.00	

**Tabulation of q48** Would you describe yourself as a regular recreational fisher?

	Freq.	Percent	Cum.
Yes	157	11.75	11.75
No	1179	88.25	100.00
Total	1336	100.00	

**Tabulation of q49** Are you a member of an environmental group (either local, or national such as WWF)

	Freq.	Percent	Cum.
Yes	92	6.89	6.89
No	1243	93.11	100.00
Total	1335	100.00	

**Tabulation of q50** Before this survey, had you heard of the proposed port development in Cockburn Sound?

	Freq.	Percent	Cum.
Yes	540	40.36	40.36
No	798	59.64	100.00
Total	1338	100.00	

**Tabulation of q51** Before this survey, had you heard of the Westport organisation?

	Freq.	Percent	Cum.
Yes	254	18.97	18.97
No	1085	81.03	100.00
Total	1339	100.00	

Submitted as draft	6/11/2023
Review completed	29/11/2023
Submitted as revised draft	14/8/2024
Approved by Science Program Leadership Team	29/8/2024
Approved by WAMSI CEO	4/9/2024
Final report	4/9/2024



WESTERN AUSTRALIAN  
**MARINE SCIENCE  
INSTITUTION**