Appendix A4

APPENDIX A4

RESULTS OF WAHMO WATER QUALITY MODELLING

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6C	Comparisons of Ultimate Development to Base Case Data	Neap	Wet	Organic Nitrogen
6D	Comparisons of Ultimate Development to Base Case Data	Neap	Wet	Ammoniacal Nitrogen
6E	Comparisons of Ultimate Development to Base Case Data	Neap	Wet	Oxidised Nitrogen
6F	Comparisons of Ultimate Development to Base Case Data	Neap	Wet	Chlorophyll - a
6G	Comparisons of Ultimate Development to Base Case Data	Neap	Wet	*E.coli*

TABLE 1A
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : DISSOLVED OXYGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	+ +	+	(+)	0	-	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	(-)	0	0	+	(+)	(+)	-	0	0	0	(+)	(+)
4	(PHASES I & II)	0	0	0	0	(+)	0	0	0	0	0	(+)	0	(-)	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	+ +	+	(+)	0	-	(-)	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 1B
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : BOD_5

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	+ +	0	0	(-)	(-)	0	0	0	(-)	0
3 (ULTIMATE & BRIDGE)	0	0	0	(-)	0	0	0	(+)	(-)	(-)	-	-	(-)	0	0	(-)	(-)
4 (PHASES I & II)	0	0	0	0	0	0	0	0	0	0	(-)	(-)	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	+ +	0	0	(-)	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 1C
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : ORGANIC NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR						SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4		3	8
SCENARIO																			
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	-	(+)	(+)	0	0	0		0	0
3	(ULTIMATE & BRIDGE)	0	0	0	(-)	0	0	0	- -	-	-	0	(+)	0	0	0		0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	-	(-)	0	(+)	(+)	(+)	0	0		0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	- -	-	-	(+)	0	(+)	0	0		0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 1D
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : AMMONIACAL NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- -	-	0	-	(-)	0	0	0	(-)	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	-	-	0	-	(-)	(-)	0	0	(-)	(-)
4	(PHASES I & II)	0	0	0	0	0	0	0	(-)	0	0	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	-	-	0	(-)	0	0	0	0	0	0

KEY:
- 0 : No significant difference from Base Case
- \+ : Improvement in quality vs Base Case
- \- : Degradation in quality vs Base Case
- ( ) : Minor, insignificant change

TABLE 1E
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : OXIDISED NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	(-)	-	-	0	-	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	(-)	-	-	0	-	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	0	-	-	0	(-)	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	(-)	-	-	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 1F
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : CHLOROPHYLL-A

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- - -	- -	-	0	(+)	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	-	-	0	(+)	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	(-)	(-)	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	- - -	- -	-	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 1G
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : DRY

PARAMETER : *E.coli*

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	0	- -	- -	-	(-)	(-)	-	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	- -	0	- -	- -	-	(-)	(-)	-	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	-	0	-	(-)	-	0	0	(-)	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	-	- -	0	-	(-)	-	0	0	-	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2A
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : DISSOLVED OXYGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	(+)	(+)	(+)	0	0	+ +	+	+	(-)	0	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	0	0	+	+	(+)	-	0	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	(+)	(+)	0	0	0	0	0	0	(-)	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	+ +	+	+	-	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2B
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : BOD_5

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	+	0	0	(-)	0	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	+	0	0	(-)	0	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	(+)	0	0	(-)	0	0	0	0	(-)	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	+	0	0	(-)	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2C
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : ORGANIC NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
3 (ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	(+)	-	0	0	0	0	0	0	0	0
4 (PHASES I & II)	0	0	0	0	0	0	0	0	0	0	(-)	0	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	0	(-)	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2D
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : AMMONIACAL NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	(-)	(-)	0	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2E
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : OXIDISED NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	(-)	(-)	0	(-)	0	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	0	(-)	(-)	(-)	0	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	0	(-)	0	(-)	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	(-)	(-)	(-)	(-)	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2F
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : CHLOROPHYLL-A

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- - -	- -	-	(+)	0	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	-	-	(+)	0	0	0	0	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	-	(-)	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	- - -	- -	-	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 2G
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : DRY

PARAMETER : *E. Coli*

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	0	-	(+)	-	0	0	-	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	- -	0	-	(+)	-	0	0	-	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	-	0	-	0	-	0	0	(-)	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	0	-	(+)	-	0	0	-	0

KEY:
- 0 : No significant difference from Base Case
- \+ : Improvement in quality vs Base Case
- \- : Degradation in quality vs Base Case
- ( ) : Minor, insignificant change

TABLE 3A
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : DISSOLVED OXYGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	(+)	(+)	0	0	(-)	(-)	0	(-)	(-)	0	(+)	-	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	(+)	(+)	0	0	(-)	-	(-)	(-)	(-)	(-)	+	-	0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	0	(-)	0	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	(-)	(-)	0	(-)	(-)	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3B
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : BOD_5

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	+	0	0	0	0	(-)	0	(+)	0	0
3 (ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	(+)	(+)	(+)	(+)	0	0	0	(+)	0	0
4 (PHASES I & II)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	+	(+)	(+)	0	0	0	(+)	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3C
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : ORGANIC NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	(+)	0	0	- -	-	0	0	(+)	0	0	0	0	0
3 (ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	-	0	0	0	0	0	0	0	0
4 (PHASES I & II)	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	- -	-	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3D
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : AMMONIACAL NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	(-)	0	0	(-)	0	0	(-)	-	0	0	(-)	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	0	(-)	0	0	-	0	0	(-)	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	0	0	0	(-)	(-)	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	0	(-)	0	(-)	(-)	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3E
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : OXIDISED NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	+ +	(+)	0	(+)	(+)	0	0	0	0	0
3 (ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	+ +	(+)	(-)	0	0	0	0	0	0	0
4 (PHASES I & II)	0	0	0	0	0	0	0	+	(+)	0	0	0	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	+ +	(+)	0	0	0	0	(-)	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3F
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : CHLOROPHYLL - A

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	(+)	(+)	(+)	0	0	- - -	-	+	0	+	+	+	(-)	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	-	0	0	+	(+)	(+)	(-)	0	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	-	(-)	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	- - -	-	0	0	(+)	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 3G
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : *E.coli*

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	0	-	- -	-	-	+	-	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	- -	- -	0	(-)	- -	(-)	-	+	-	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	-	0	(-)	-	(-)	0	0	-	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	- -	- -	0	-	-	-	(-)	0	-	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4A
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : DISSOLVED OXYGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	(+)	(+)	0	+	(+)	0	-	-	(-)	(+)	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	(+)	0	+	0	0	-	-	0	(+)	0	0	0
4	(PHASES I & II)	0	0	0	0	0	(+)	0	0	0	0	(-)	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	(+)	0	(+)	0	0	(-)	(-)	(-)	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4B
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : BOD_5

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
1 (BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 (ULTIMATE & CAUSEWAY)	0	0	0	0	+	0	0	0	(-)	(-)	0	0	0	0	0	0	0
3 (ULTIMATE & BRIDGE)	0	0	0	0	+	0	0	(-)	(-)	(-)	0	0	0	0	0	0	0
4 (PHASES I & II)	0	0	0	0	(+)	0	0	0	(-)	(-)	0	0	0	0	0	0	0
5 (PHASE IV & CAUSEWAY)	0	0	0	0	+	0	0	0	(-)	(-)	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4C
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : ORGANIC NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	(+)	+	0	0	-	-	0	(+)	(+)	0	(+)	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	(+)	+	0	0	-	-	-	0	(+)	0	(+)	0	0	0
4	(PHASES I & II)	0	0	0	(+)	+	0	0	(-)	(-)	0	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	(+)	+	0	0	-	-	0	0	0	0	(+)	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4D
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : AMMONIACAL NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	(+)	+	(+)	0	0	0	0	0	0	0	(-)	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	0	0	0	0	0	0	0	0	(-)	0	0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	0	0	0	0	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	+	0	0	0	0	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4E
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : OXIDISED NITROGEN

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	(+)	0	0	0	O	0	(-)	(-)	0	0	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	0	0	0	0	0	(-)	0	0	(-)	0	0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	0	0	0	(-)	0	0	0	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	(+)	0	0	0	0	0	(-)	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4F
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : CHLOROPHYLL - A

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	+	0	0	- - -	-	0	+	+	(+)	+	0	0	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	(+)	0	0	- -	-	0	+	+	(+)	+	0	0	0
4	(PHASES I & II)	0	0	0	0	(+)	0	0	-	(-)	0	(+)	+	(+)	(+)	0	0	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	+	0	0	- - -	-	0	+	+	(+)	(+)	0	0	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 4G
COMPARISONS TO BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : *E.coli*

AREA		VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →		2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																		
1	(BASECASE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	(ULTIMATE & CAUSEWAY)	0	0	0	0	0	0	0	-	- -	0	-	0	0	(-)	0	-	0
3	(ULTIMATE & BRIDGE)	0	0	0	0	0	0	0	-	- -	0	-	0	0	(-)	0	-	0
4	(PHASES I & II)	0	0	0	0	0	0	0	-	- -	0	(-)	0	0	0	0	-	0
5	(PHASE IV & CAUSEWAY)	0	0	0	0	0	0	0	-	- -	0	-	0	0	(-)	0	-	0

KEY: 0 : No significant difference from Base Case

\+ : Improvement in quality vs Base Case

\- : Degradation in quality vs Base Case

( ) : Minor, insignificant change

TABLE 5A
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : DISSOLVED OXYGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	(+)	(+)	0	0	(-)	(-)	0	(-)	(-)	0	(+)	-	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	(+)	0	0	-	-	0	0	(-)	0	(+)	-	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	-	-	0	(-)	-	0	(+)	-	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	(+)	(+)	0	0	(-)	-	(-)	(-)	(-)	(-)	+	-	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	(+)	0	0	-	-	(-)	(-)	(-)	0	0	-	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	-	-	(-)	(-)	-	0	(+)	-	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 3A

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 5B
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : BOD_5

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS •	0	0	0	0	0	0	0	+	0	0	0	0	(-)	0	(+)	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	0	0	0	+ +	+	+	0	0	0	(-)	(+)	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	+ +	+	+	0	-	0	(-)	(+)	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	(+)	(+)	(+)	(+)	0	0	0	(+)	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	+	+	+	0	0	0	0	(+)	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	+	+	+	(+)	0	0	(-)	(+)	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case • : See Table 3B

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 5C
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : ORGANIC NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	(+)	0	0	- -	-	0	0	(+)	0	0	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	- -	-	0	0	0	0	0	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 3C

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 5D
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : AMMONIACAL NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	(-)	0	0	(-)	0	0	(-)	-	0	0	(-)	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	0	0	0	(+)	0	0	0	-	0	0	(-)	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	(+)	0	0	0	-	0	0	(-)	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	0	(-)	0	0	-	0	0	(-)	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	(+)	0	0	0	-	0	0	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	(+)	0	0	0	-	0	0	(-)	0	0

KEY: 0 : No significant difference from Base Case
( ) : Minor, insignificant change
- : Degradation in quality vs Base Case
+ : Improvement in quality vs Base Case
* : See Table 3D

TABLE 5E
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : OXIDISED NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	0	0	0	+ +	(+)	0	(+)	(-)	0	0	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	(+)	0	0	+ + +	+	(-)	0	(-)	0	0	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	(+)	0	(+)	0	0	+ + +	+	(-)	(+)	(-)	0	0	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	+ +	(+)	(-)	0	0	0	0	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	+ +	+	0	(+)	(-)	0	0	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	+ +	+	(-)	0	(-)	0	0	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 3E

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 5F
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : CHLOROPHYLL- A

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	(+)	(+)	(+)	0	0	- - -	-	+	0	+	+	+	(-)	0	0
CAUSEWAY WITH TREATED LOADS	0	0	(+)	(+)	(+)	0	0	-	(+)	+	(+)	+	+	+	0	0	(+)
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	(+)	(+)	(+)	0	0	+	(+)	+	0	+	+	+	0	(+)	(+)
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	- -	-	0	0	+	(+)	(+)	(-)	0	0
BRIDGE WITH TREATED LOADS	0	0	(+)	(+)	0	0	0	-	0	+	(+)	+	+	+	0	0	(+)
BRIDGE WITH YP & DB LOADS REMOVED	0	0	(+)	(+)	0	0	0	-	0	+	0	+	+	+	0	0	(+)

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 3F

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 5G
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : SPRING

SEASON : WET

PARAMETER : *E.coli*

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	0	0	0	- -	- -	0	-	- -	-	-	+	-	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	0	0	0	+	-	0	(-)	-	0	(-)	(+)	(-)	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	(+)	0	+	-	0	(-)	-	0	-	(+)	(-)	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	- -	- -	0	(-)	- -	(-)	-	+	-	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	+	-	0	(-)	-	0	-	(+)	(-)	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	+	-	0	(-)	-	0	-	0	(-)	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 3G

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6A
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : DISSOLVED OXYGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	(+)	(+)	0	+	(+)	0	-	-	(-)	(+)	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	(+)	(+)	0	+	0	0	-	-	(-)	(+)	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	0	0	(-)	-	-	0	(+)	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	(+)	(+)	0	+	0	0	-	-	0	(+)	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	(+)	0	0	(+)	0	0	-	-	(-)	(+)	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	0	0	0	-	-	0	(+)	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4A

() : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6B
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : BOD_5

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	(+)	0	0	0	(-)	(-)	0	0	0	0	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	(+)	0	0	+	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	+ +	0	0	0	0	0	0	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	(+)	0	0	(-)	(-)	(-)	0	0	0	0	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	(+)	0	0	(+)	(-)	(-)	0	0	0	0	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	(+)	0	0	+	(-)	(-)	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4B

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6C
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : ORGANIC NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	(+)	+	0	0	-	-	0	(+)	(+)	0	(+)	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	+	0	0	+	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	+	0	0	+	0	0	0	0	0	0	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	(+)	+	0	0	-	-	(-)	0	(+)	0	(+)	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	+	0	0	+	0	0	0	0	0	0	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	+	0	0	+	0	0	0	0	0	0	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4C

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6D
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : AMMONIACAL NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	(+)	+	(+)	0	0	0	0	0	0	0	(-)	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	+	(+)	0	0	0	0	0	0	0	(-)	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	+	0	0	0	0	0	0	0	0	(-)	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	(+)	0	0	0	0	0	0	0	0	(-)	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	+	(+)	0	0	0	0	0	0	0	(-)	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	+	0	0	0	0	0	0	0	0	(-)	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4D

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6E
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : OXIDISED NITROGEN

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	(+)	0	0	0	0	0	(-)	(-)	0	0	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	+	+	0	0	0	0	(-)	0	0	(-)	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	+	+	0	(+)	0	0	(-)	0	0	(-)	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	(+)	0	0	0	0	0	(-)	0	0	(-)	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	(+)	(+)	0	0	0	0	(-)	0	0	(-)	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	+	(+)	0	(+)	0	0	(-)	0	0	(-)	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4E

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6F
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : CHLOROPHYLL - A

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	+	0	0	- - -	-	0	+	+	(+)	+	0	0	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	+	0	0	+	0	+	+	+	(+)	+	0	0	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	(+)	+	0	0	+ +	0	+	+	+	(+)	+	0	0	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	(+)	0	0	- -	-	0	+	+	(+)	+	0	0	0
BRIDGE WITH TREATED LOADS	0	0	0	0	+	0	0	(-)	0	+	+	+	(+)	+	0	0	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	+	0	0	+	0	+	+	+	(+)	+	0	0	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4F

( ) : Minor, insignificant change + : Improvement in quality vs Base Case

TABLE 6G
COMPARISONS OF ULTIMATE DEVELOPMENT DATA TO BASE CASE DATA BASE CASE DATA

TIDAL CYCLE : NEAP

SEASON : WET

PARAMETER : *E.coli*

AREA	VICTORIA HARBOUR				NW HARBOUR			DISCOVERY BAY	EAST LANTAU		SW HARBOUR					SOUTH HK ISLAND	
OUTPUT STATION →	2	13	14	7	15	17	1	6	9	10	11	16	12	5	4	3	8
SCENARIO																	
BASECASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAUSEWAY WITH ORIGINAL LOADS *	0	0	0	0	0	0	0	-	- -	0	-	0	0	(-)	0	-	0
CAUSEWAY WITH TREATED LOADS	0	0	0	0	0	0	0	+	-	0	-	0	0	0	0	-	0
CAUSEWAY WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	+	-	0	-	0	(+)	-	0	-	0
BRIDGE WITH ORIGINAL LOADS	0	0	0	0	0	0	0	-	- -	0	-	0	0	(-)	0	-	0
BRIDGE WITH TREATED LOADS	0	0	0	0	0	0	0	+	-	0	-	0	0	0	0	-	0
BRIDGE WITH YP & DB LOADS REMOVED	0	0	0	0	0	0	0	+	-	0	-	0	0	0	0	-	0

KEY: 0 : No significant difference from Base Case - : Degradation in quality vs Base Case * : See Table 4G

( ) : Minor, insignificant change + : Improvement in quality vs Base Case