

Challenges for the water environment of Jersey

Appendix B: Classification status of Jersey's Waters

Table 1: Overall, Ecological and Chemical Status classifications for stream catchment water bodies

WBID	WMA	Overall status	Ecological status	Chemical status
J20101	WMA1 - Grands Vaux, Vallée des Vaux and St Helier	Moderate	Moderate	Pass
J20201	WMA2 - La Haule and St Peter's Valley	Moderate	Moderate	Pass
J20202	WMA2 - La Haule and St Peter's Valley	Moderate	Moderate	Pass
J20301	WMA3 - Longueville, Queen's Valley and Southeast	Poor	Poor	Pass
J20302	WMA3 - Longueville, Queen's Valley and Southeast	Poor	Poor	Pass
J20303	WMA3 - Longueville, Queen's Valley and Southeast	Moderate	Moderate	Pass
J20401	WMA4 - Northeast	Moderate	Moderate	Pass
J20402	WMA4 - Northeast	Moderate	Moderate	Pass
J20403	WMA4 - Northeast	Moderate	Moderate	Pass
J20404	WMA4 - Northeast	Poor	Poor	Pass
J20405	WMA4 - Northeast	Moderate	Moderate	Pass
J20406	WMA4 - Northeast	Moderate	Moderate	Pass
J20407	WMA4 - Northeast	Moderate	Moderate	Pass
J20408	WMA4 - Northeast	Moderate	Moderate	Pass
J20409	WMA4 - Northeast	Moderate	Moderate	Pass
J20410	WMA4 - Northeast	Moderate	Moderate	Pass
J20411	WMA4 - Northeast	Moderate	Moderate	Pass
J20412	WMA4 - Northeast	Moderate	Moderate	Pass
J20413	WMA4 - Northeast	Moderate	Moderate	Pass
J20501	WMA5 - Northwest	Moderate	Moderate	Pass
J20502	WMA5 - Northwest	Moderate	Moderate	Pass

WBID	WMA	Overall status	Ecological status	Chemical status
J20503	WMA5 - Northwest	Moderate	Moderate	Pass
J20504	WMA5 - Northwest	Moderate	Moderate	Pass
J20505	WMA5 - Northwest	Moderate	Moderate	Pass
J20506	WMA5 - Northwest	Moderate	Moderate	Pass
J20507	WMA5 - Northwest	Moderate	Moderate	Pass
J20601	WMA6 - St Aubin, St Brélade and Southwest	Poor	Poor	Pass
J20602	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate	Pass
J20603	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate	Pass
J20604	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate	Pass
J20605	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate	Pass
J20606	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate	Pass
J20701	WMA7 - St Ouën and West	Poor	Poor	Fail
J20702	WMA7 - St Ouën and West	Poor	Poor	Pass
J20703	WMA7 - St Ouën and West	Moderate	Moderate	Pass
J20704	WMA7 - St Ouën and West	Moderate	Moderate	Pass
J20705	WMA7 - St Ouën and West	Moderate	Moderate	Pass
J20801	WMA8 - Waterworks Valley and Bellozanne Valley	Moderate	Moderate	Pass
J20802	WMA8 - Waterworks Valley and Bellozanne Valley	Moderate	Moderate	Pass

Table 2: Biological (invertebrate) status classification results for stream catchment water bodies

WBID	WMA	Invertebrate class	Invertebrate confidence
J20101	WMA1 - Grands Vaux, Vallée des Vaux and St Helier	Good	Moderate
J20201	WMA2 - La Haule and St Peter's Valley	Moderate	High
J20202	WMA2 - La Haule and St Peter's Valley	Not Assessed	-
J20301	WMA3 - Longueville, Queen's Valley and Southeast	Poor	Moderate
J20302	WMA3 - Longueville, Queen's Valley and Southeast	Poor	High
J20303	WMA3 - Longueville, Queen's Valley and Southeast	Not Assessed	-
J20401	WMA4 - Northeast	Good	Moderate
J20402	WMA4 - Northeast	Not Assessed	-
J20403	WMA4 - Northeast	Moderate	Moderate
J20404	WMA4 - Northeast	Poor	Moderate
J20405	WMA4 - Northeast	Not Assessed	-
J20406	WMA4 - Northeast	Not Assessed	-
J20407	WMA4 - Northeast	Good	Moderate
J20408	WMA4 - Northeast	Moderate	Moderate
J20409	WMA4 - Northeast	Not Assessed	-
J20410	WMA4 - Northeast	Not Assessed	-
J20411	WMA4 - Northeast	Not Assessed	-
J20412	WMA4 - Northeast	Not Assessed	-
J20413	WMA4 - Northeast	Good	Moderate
J20501	WMA5 - Northwest	Good	High
J20502	WMA5 - Northwest	Good	High
J20503	WMA5 - Northwest	Not Assessed	-
J20504	WMA5 - Northwest	Not Assessed	-
J20505	WMA5 - Northwest	Good	Moderate

WBID	WMA	Invertebrate class	Invertebrate confidence
J20506	WMA5 - Northwest	Good	Moderate
J20507	WMA5 - Northwest	Not Assessed	-
J20601	WMA6 - St Aubin, St Brélade and Southwest	Poor	Moderate
J20602	WMA6 - St Aubin, St Brélade and Southwest	Not Assessed	-
J20603	WMA6 - St Aubin, St Brélade and Southwest	Not Assessed	-
J20604	WMA6 - St Aubin, St Brélade and Southwest	Not Assessed	-
J20605	WMA6 - St Aubin, St Brélade and Southwest	Moderate	Moderate
J20606	WMA6 - St Aubin, St Brélade and Southwest	Not Assessed	-
J20701	WMA7 - St Ouën and West	Poor	Moderate
J20702	WMA7 - St Ouën and West	Poor	High
J20703	WMA7 - St Ouën and West	Not Assessed	-
J20704	WMA7 - St Ouën and West	Not Assessed	-
J20705	WMA7 - St Ouën and West	Not Assessed	-
J20801	WMA8 - Waterworks Valley and Bellozanne Valley	Moderate	High
J20802	WMA8 - Waterworks Valley and Bellozanne Valley	Good	Moderate

Table 3: Physico-chemical status classification results for stream catchment water bodies

WBID	WMA	Nitrate class	Nitrate confidence	Phosphorous class	Phosphorous confidence	Temperature class	Temperature confidence	Dissolved Oxygen class	Dissolved Oxygen confidence	Ammonia class	Ammonia confidence	pH class	pH confidence
J20101	WMA1	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20201	WMA2	Good	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20202	WMA2	Moderate	Medium	Moderate	Low	High	Medium	High	Low	High	Medium	High	Medium
J20301	WMA3	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20302	WMA3	Good	Medium	Moderate	Low	High	Medium	High	Low	Good	Low	High	Medium
J20303	WMA3	Moderate	Medium	Moderate	Low	High	Medium	High	Low	Good	Low	High	Medium
J20401	WMA4	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20402	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20403	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20404	WMA4	Moderate	Medium	Moderate	Low	High	Medium	High	Low	High	Medium	High	Medium
J20405	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20406	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20407	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20408	WMA4	Moderate	Medium	Moderate	Low	High	Medium	High	Low	High	Medium	High	Medium
J20409	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20410	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20411	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20412	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20413	WMA4	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20501	WMA5	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20502	WMA5	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20503	WMA5	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20504	WMA5	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20505	WMA5	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20506	WMA5	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20507	WMA5	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20601	WMA6	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Low	High	Medium
J20602	WMA6	Moderate	Medium	Moderate	Low	High	Medium	High	Low	Good	Medium	High	Medium
J20603	WMA6	Good	Medium	Moderate	Low	High	Medium	High	Low	High	Medium	High	Medium

WBID	WMA	Nitrate class	Nitrate confidence	Phosphorous class	Phosphorous confidence	Temperature class	Temperature confidence	Dissolved Oxygen class	Dissolved Oxygen confidence	Ammonia class	Ammonia confidence	pH class	pH confidence
J20604	WMA6	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20605	WMA6	Good	Medium	Moderate	Low	High	Medium	High	Low	High	Medium	High	Medium
J20606	WMA6	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20701	WMA7	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20702	WMA7	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20703	WMA7	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20704	WMA7	Moderate	Low	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20705	WMA7	Moderate	Medium	Moderate	Low	High	Low	High	Low	High	Low	High	Low
J20801	WMA8	Good	Medium	Moderate	Low	High	Medium	High	Medium	High	Medium	High	Medium
J20802	WMA8	Moderate	Medium	Moderate	Low	High	Medium	High	Medium	Moderate	Low	High	Medium

Table 4: Specific pollutant status classification results for stream catchment water bodies

WBID	No. screened out	No. assessed	Assessment confidence	No. Passing	No. Failing	List of failing	No. not assessed	Notes
J20101	4	5	Low	9	0		22	
J20201	4	5	Low	9	0		22	
J20202	4	4	Low	8	0		23	
J20301	4	6	Low	10	0		21	
J20302	4	0	Low	4	0		27	
J20303	4	1	Low	5	0		26	Iron failure due to high background concentrations. Passed using expert judgement
J20401	4	5	Low	9	0		22	
J20402	4	0	Low	4	0		27	
J20403	4	0	Low	4	0		27	
J20404	4	0	Low	4	0		27	
J20405	4	0	Low	4	0		27	
J20406	4	0	Low	4	0		27	
J20407	4	0	Low	4	0		27	
J20408	4	0	Low	4	0		27	
J20409	4	0	Low	4	0		27	
J20410	4	0	Low	4	0		27	
J20411	4	0	Low	4	0		27	
J20412	4	0	Low	4	0		27	
J20413	4	0	Low	4	0		27	
J20501	4	8	Low	12	0		19	
J20502	4	5	Low	9	0		22	
J20503	4	0	Low	4	0		27	
J20504	4	0	Low	4	0		27	
J20505	4	0	Low	4	0		27	
J20506	4	0	Low	4	0		27	
J20507	4	0	Low	4	0		27	
J20601	4	9	Low	13	0		18	Copper failure based on a single sample. Passed using expert judgement
J20602	4	4	Low	8	0		23	Copper failure based on a single sample. Passed using expert judgement
J20603	4	5	Low	9	0		22	Zinc, copper, chlorine, manganese failure based on a single sample - Passed using expert judgement or based on bioavailable fraction - passed
J20604	4	0	Low	4	0		27	
J20605	4	4	Low	8	0		23	Copper failure based on a single sample. Passed using expert judgement
J20606	4	0	Low	4	0		27	
J20701	4	4	Low	7	1	PFOS	23	Decreasing PFOS trend
J20702	4	0	Low	4	0		27	
J20703	4	0	Low	4	0		27	
J20704	4	0	Low	4	0		27	
J20705	4	0	Low	4	0		27	
J20801	4	5	Low	9	0		22	
J20802	4	4	Low	8	0		23	

Table 5: Dangerous substance chemicals status classification results for stream catchment water bodies

WBID	No. screened out	No. assessed	Assessment confidence	No. Passing	No. Failing	List of failing	No. not assessed	Notes
J20101	14	4	Low	18	0		44	
J20201	14	4	Low	18	0		44	
J20202	14	1	Low	15	0		47	
J20301	14	2	Low	16	0		46	
J20302	14	0	Low	14	0		48	
J20303	14	0	Low	14	0		48	
J20401	14	4	Low	18	0		44	
J20402	14	0	Low	14	0		48	
J20403	14	0	Low	14	0		48	
J20404	14	0	Low	14	0		48	
J20405	14	0	Low	14	0		48	
J20406	14	0	Low	14	0		48	
J20407	14	0	Low	14	0		48	
J20408	14	0	Low	14	0		48	

J20409	14	0	Low	14	0		48	
J20410	14	0	Low	14	0		48	
J20411	14	0	Low	14	0		48	
J20412	14	0	Low	14	0		48	
J20413	14	0	Low	14	0		48	
J20501	14	5	Low	19	0		43	
J20502	14	4	Low	18	0		44	
J20503	14	0	Low	14	0		48	
J20504	14	0	Low	14	0		48	
J20505	14	0	Low	14	0		48	
J20506	14	0	Low	14	0		48	
J20507	14	0	Low	14	0		48	
J20601	14	5	Low	19	0		43	
J20602	14	1	Low	15	0		47	
J20603	14	1	Low	15	0		47	Lead failure based on a single sample. Passed using expert judgement
J20604	14	0	Low	14	0		48	
J20605	14	1	Low	15	0		47	Lead failure based on a single sample. Passed using expert judgement
J20606	14	0	Low	14	0		48	
J20701	14	5	Low	19	0		43	Both reservoir and abstraction boreholes impact on the hydrology
J20702	14	0	Low	14	0		48	
J20703	14	0	Low	14	0		48	
J20704	14	0	Low	14	0		48	
J20705	14	0	Low	14	0		48	
J20801	14	4	Low	18	0		44	
J20802	14	1	Low	15	0		47	