

Appendix I

Table 1: Recommended Changes to Schedule Ba – Explanation of Scope

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Incorporation of an electronic schedule	Result of submission	NZ Institute of Forestry 419/24 Rangitikei DC 346/112 Jill Strugnell 366/2 Ruapehu DC 151/207 Meridian 363/209I	To make it easier for users of the Plan to zoom to properties and carry out a Values assessment	Maree Clark S42A	
Moving Zones and Values out of Schedule D and placing them in a new Schedule Ba	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Whole Schedule
Inclusion of a Table of Contents and User Guide for the schedule	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Page Ba-1
Moving Table D.1 to the back of Schedule Ba to make it a fold-out Values Key	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Values Key Page Ba-162
Increasing the size of WMZ, GWMZ and WMSz maps to make them A3	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Maps Ba:1 – Ba:9
The words NZMS 260 have been added in front of all coordinates	Consequential change	Hearing Panel questions	Consistency		Tables Ba.1 – Ba.22
Making all tables landscape format	Result of submission	Jill Strugnell 366/2	Usability so the fold-out key will work with the tables correctly		Tables Ba.1 – Ba.22
Addition of heading for Ba1.2	Result of submission	Jill Strugnell 366/2	Usability to clearly define separation between Management Zone locator and management sub-zones	Maree Clark S42A	Page Ba-7
Map reference in all table headers changed to locality description	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Tables Ba.11 – Ba.22

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Native Fish Spawning has been changed to Inanga Spawning throughout the Schedule	Result of submission	HRC 182/116	To provide a more accurate label	HRC Staff submission Kate McArthur S42A	Table Ba.10, Table Ba.15 Map Ba:15, Foldout Values Key
Native Fishery changed to Whitebait Migration throughout the Schedule and management objective amended in Schedule Ba and Chapter 6	Result of submission	Horowhenua District Council 280/3	Change of name and management objective better reflects HRC statutory functions.	Kate McArthur S42A Supported by Minister of Conservation through Logan Brown's evidence.	Table Ba.10, Map Ba:17 and Table Ba.17
In some tables the order of Water Management sub-zones has been changed	Correcting an error		Consistency in ordering of sub-zones		Table Ba.12, Ba.20
Further division of Upper and Lower Manganui o te Ao sub-zones			To better reflect the intention of the National Water Conservation Order	Maree Clark S24A Paras 82-87 Raelene Hurndell S42A Dr J Roygard S42A	Table Ba.4, Table Ba.10, Table Ba.12, Table Ba.14, Table Ba.16, Table Ba.19, Table Ba.20 Map Ba:4, Map Ba:10, Map Ba:11, Map Ba:12, Map Ba:13, Map Ba:14, Map Ba:15, Map Ba:16, Map Ba:17, Map Ba:19, Map Ba:20
Changing the Mangaramarama from Mangatainoka to Tiraumea WMZ	Result of submission	Trust Power 358/160	Trustpower requested the Mangaramarama be removed from the Aesthetic Value; this meant the zone had to change to remain consistent with Local Water Conservation Notice (LWCN)	Maree Clark S24A Paras 82-87 Raelene Hurndell S42A Dr J Roygard S42A	Table Ba.2, Table Ba.10, Table Ba.14, Table Ba.19, Map Ba:1, Map Ba:2, Map Ba:10, Map Ba:11, Map Ba:12, Map Ba:13, Map Ba:14, Map Ba:15, Map Ba:16, Map Ba:17, Map Ba:19, Map Ba:20
Additional sub-zones in the Waikawa and Makara	Result of submission	Horticulture NZ 357/75, Federated Farmers 426/187	Using more robust science to set allocation limits by splitting off new zones and relating them to relevant flow recorders	Maree Clark S24A Paras 82-87 Raelene Hurndell S42A Dr J Roygard S42A	Table Ba.5, Table Ba.8, Table Ba.10, Table Ba.19, Table Ba.20 Map Ba:5, Map Ba:8, Map Ba:10, Map Ba:11, Map Ba:12, Map Ba:13, Map Ba:14, Map Ba:15, Map Ba:16, Map Ba:17, Map Ba:19, Map Ba:20

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Removal of Water Management Zones and values occurring in the CMA	Consequential change		Provisional determination on coast	Maree Clark S42A	Tables Ba.2–Ba.8, Table Ba.10, Map Ba:1, Map Ba:2, Map Ba:3, Map Ba:4, Map Ba:5, Map Ba:6, Map Ba:7, Map Ba:8, Map Ba:10, Map Ba:11, Map Ba:12, Map Ba:13, Map Ba:14, Map Ba:15, Map Ba:16, Map Ba:17, Map Ba:19, Map Ba:20
Maps and tables have been replaced by modified maps and tables removing the CMA	Consequential change		Removal of CMA from the Schedule	Maree Clark S24A Para 82-87 Kate McArthur S42A Raelene Hurndell S42A Dr J Roygard S42A	Table Ba.2, Table Ba.3, Table Ba.4, Table Ba.5, Table Ba.6, Table Ba.7, Table Ba.8, Table Ba.10, Table Ba.12, Table Ba.13, Table Ba.15, Table Ba.16, Table Ba.17, Table Ba.19 Map Ba:1, Map Ba:2, Map Ba:3, Map Ba:4, Map Ba:5, Map Ba:6, Map Ba:7, Map Ba:8, Map Ba:10, Map Ba:11, Map Ba:12, Map Ba:13, Map Ba:14, Map Ba:15, Map Ba:16, Map Ba:17, Map Ba:19, Map Ba:20
Shellfish gathering removed	Consequential change		Removal of CMA from the Schedule	Kate McArthur S42A	Values Key and Table Ba.10
Captions for all tables have been moved to the top row of each table and are repeated on each page	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Tables Ba.1 – Ba.22
General spelling and grammatical changes throughout the Schedule	Correcting errors	Auckland Waikato/Fish & Game 33/8		Maree Clark S42A	Table Ba.12, Table Ba.16,
The letter 'h' added Southern Whanganui Lakes	Correcting an error		Consistency		
Addition of tables	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Table Ba.1 – Ba.8

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Map Ba:1 has had WMSz boundaries removed and now just displays the WMZ boundaries	Result of submission	Jill Strugnell 366/2	Usability	Maree Clark S42A	Map B:a1
More localities are identified on some maps	Result of submission	Jill Strugnell 366/2 Rangitikei DC 346/112	Usability for easier navigation around the map	Maree Clark S42A	Maps Ba:1 – Ba:8
Addition of the Lake Horowhenua sub-zone to Map Ba:8	Correcting an error		Was mistakenly omitted in the POP maps	Maree Clark S42A	Map Ba:8
Addition of the GWMZs map and table	Result of submission	Alex James	To bring the entire WMZ framework under one schedule	Maree Clark S42A	Map Ba:9 and Table Ba 9
Addition of GWMZs and consequential renaming of Tararua GWMZ	Result of submission	Mighty River Power 359	Recognise need to manage groundwater takes hydrologically connected to surface water and ensure policies are clear so that such takes will not reduce water that is otherwise available to hydro electricity. To manage this there need to be zones and allocation limits defined for groundwater over the whole Region.	Hisham Zarour S42A Maree Clark S42A Para 88	Map Ba:9, Table Ba.9.
Addition of a user guide note to guide users to look for the Values Key	Result of submission	Jill Strugnell 366/2	Usability and clarity	Maree Clark S42A	Table Ba.10
Sub-zone descriptions changed to run from the most downstream point to the most upstream; words 'from approx NZMS 260' added prior to the first map reference	Correcting an error		Consistency		Tables Ba.1 – Ba.8 and Table Ba.10
The tick for SOS-A in the Lower Mangahao moved to the Upper Mangahao; Upper Turakina moved to Lower Turakina	Correcting errors		These were in the wrong row of the table		Table Ba.10
Natural State tick for the Lower Makotuku moved to the Makara	Consequential change		Addition of WMSzs to the Schedule		Table Ba.10
Tick in the SOS-A column for the Koputaroa and Cherry Grove sub-zones removed	Correcting errors		Errors in initial table		Table Ba.10

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Tick in the SOS-A column in the Tidal Rangitikei sub-zone included	Correcting an error		An error in initial table		Table Ba.10
Tick added to Pungapunga Water Supply Value	Correcting an error		Accidentally omitted from the table but was in the initial map		Table Ba.10
Lower Tiraumea sub-zone description changed from Ngaturi Confluence to Makuri Confluence	Correcting an error		Ngaturi is the flow recorder, not the confluence	M Clark S24A	Table Ba.2 and Ba.10
Irrigation and Industrial Abstraction Values moved from reach-specific to zone-wide values	Result of submission	HRC182/125 (industrial abstraction) and HRC182/127 (water supply)	To better reflect the water allocation policy whereby all water bodies are valued for abstraction with the exception of those in Natural State and those identified in Schedule B as zero allocation zones	Kate McArthur S42A Raelene Hurndell S42A	Table Ba.10 and removal of Tables D.14 and D.15 and Maps D:20 and D:21
Water Supply Takes: Some removed; Pureora and Matahiwi added	Correcting an error		Have been corrected to align better with Ministry of Health Water Supply database to better provide for NES assessments		Table Ba.10, Table Ba.21 and Map Ba:21
Addition of footnote to Industrial Abstraction, CAP and Irrigation Abstraction Values	Clarity		To say that they are zone-wide with the exception of the area in Natural State		Table Ba.10
Trout Fishery and Amenity Values moved to reach specific values	Correcting an error		The maps and tables were always showing specific areas.	Maree Clark S42A	Table Ba.10
Existing infrastructure added as a zone-wide value and ticks added to all WMZs	Correcting an error		This was always in management objectives but not properly reflected in Schedule Ba	Kate McArthur S42A	Table Ba.10
Flood Control/Drainage Values added as reach specific and ticks added to the Flood Control/Drainage column where the Value applies	Result of submission	Janita Stuart 13/1	Clear maps diagrams must be added to show exactly which structures are covered in the Plan. Was shown as only applying to specific areas in the management objective; the changes identify the specific areas and narrows rather than widens the area it applies to	James Lambie S42A	Table Ba.10 Map Ba:22 and Table Ba.22

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Aesthetic Value removed from the Mangaramarama	Consequential		Relating to removal of the Mangaramarama sub-zone from the Mangatainoka. Aesthetic Value was applied to this catchment under the Mangatainoka LWCN; as it is not in the Mangatainoka this doesn't apply anymore	Kate McArthur S42A	Table Ba.10, Map:Ba14 and Table Ba.14
Aesthetic Value tick added to the Middle Manawatu River	Correcting an error		Was in the table for the value but not in the original Table D.1	Kate McArthur S42A	Table Ba.10
Ticks added to a number of columns (both zone wide and reach specific) where new WMSzs have been added	Consequential		Relating to the addition of new sub-zones and reflecting that existing values applied to water bodies within those zones.		Table Ba.10
Removal of Table D4	Correcting an error		The contents of this table are already in Table Ba.10, therefore this table is superfluous		
Trout Fishery: addition of new sites following Fish & Game submission	Result of submission	Auckland/Waikato Fish & Game 33/10, 33/11, 33/12; Wellington Fish & Game 417/97; Taranaki Fish & Game 406/78	Some sites were already in the map but not in the table – maps and tables are now consistent with submission points		Table Ba.19
Trout Fishery class changed on the Whakapapa and Ongarue	Result of submission	Auckland/Waikato Fish & Game 33/11, 33/12	Sites were already in the Schedule but were classed differently – maps and tables are now consistent with submission points		Table Ba.19
Natural State: upper Ohau, Waikawa and Manakau sub-zones added	Correcting an error		Was described as including this area, as it is forest park, but was omitted from the map and table in error		Table Ba.10 and Map Ba:11
All values maps have more river lines in orange displayed	Result of submission	NZ Institute of Forestry 419/24 Rangitikei DC 346/112 Jill Strugnell 366/2 Ruapehu DC 151/207 Meridian 363/209I	To include all Order One streams that are already part of the value but weren't displayed on the map before.	Maree Clark S42a	Maps Ba:11 - Ba:22
Waimarino Stream SOS-A inclusion	Correcting an error		Was originally in the map but omitted from the table		Table Ba.12

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
Additional SOS-A sites included	Result of submission	HRC 182/122 and Minister of Conservation 372/244		James Lambie S42A Appendix 4 of HRC Staff submission Logan Brown Submitter evidence	Table Ba.12 and Map Ba:12
SOS-A table has species names fixed	Minor change to correct an error		To reflect correct scientific naming convention	Kate McArthur S42a	Table Ba.12
Addition of koaro to the SOS-A table in the Kahuterawa	Correcting an error		Was always in the GIS layer but not in the table. Koaro have the same critical life periods as short jaw kokopu, which were already identified		Table Ba.12
Key has had the brown mudfish point changed to Site of Significance – Aquatic	Result of submission	HRC 182/123	Consistency	Kate McArthur S42A	Map Ba:12
Coordinates have been corrected in table rows for the Mangatepopo Stream, Whanganui River, Whakapapa and Whakapapaiti Stream	Correcting an error		For consistency with rest of the Schedule changed from to source to a map reference		Table Ba.12
Mangawharariki River has had the species changed from shortjaw kokopu to dwarf <i>Galaxias</i>	Correcting an error		Error occurred when transposing the GIS layer to the table		Table Ba.12
Dwarf galaxid changed to dwarf <i>Galaxias</i>	Result of submission	HRC 182/121	Reflect correct name		Table Ba.12
Naming of Manawatu Weber-Tamaki and Tamaki-Hopelands sub-zones changed	Correcting an error		Consistency with the rest of the Plan		Table Ba.13 and Table Ba.19
Description of reaches for Whitebait Migration and Inanga Spawning for Lake Papaitonga changed	Clarification		Had no location defined at the start of the description, however there is a location defined		Table Ba.15 and Table Ba.17

Change	Type of Change	Related Submission	Reason for Change	Related Evidence	Related Tables and Maps in the Schedule
The words 'to source' added to the Mangatewainui sub-zone description	Correcting an error		Better reflection of the map		Table Ba.20
Reference to the Mangaiora Stream in the Oroua changed to Mangahua Stream	Correcting an error		Changing to the correct stream name		Table Ba.20
Addition of a column headed 'Location' to the Values Key and inclusion of page references for each value	Result of submission	Jill Strugnell 366/2	Usability		Values Key page Ba-162
Legend for Table D2 removed and placed in the Values Key	Result of submission	Jill Strugnell 366/2	Usability		Values Key page Ba-162
Inclusion of HSS into LSC class key	Result of submission/ correcting an error	HRC 182/118	Unintended exclusion in POP		Values Key page Ba-162
WQS deleted from the legend in the fold-out key	Correcting an error		This heading was never used in Table D2		Values Key page Ba-162
Location of Existing Infrastructure changed	Correcting an error		The definition and location in the POP did not adequately reflect what this value is recognised for.	Kate McArthur S42a	Values Key page Ba-162
SOS-A species, inanga pictorial key and scientific names added	Result of submission	Jill Strugnell 366/2	Usability		Values Key page Ba-162
The word 'indigenous' has replaced Native for the SOS-A and SOS-R Values	Correcting an error		More accurate term		
The word Mouth has been replaced by CMA boundary for all waterbodies that do not have a defined CMA boundary	Correcting an error		More accurate term		