

IN THE MATTER OF the Resource Management Act 1991

AND

IN THE MATTER OF 24 applications by the Aupouri
Aquifer Water User group to the Northland regional Council
to take groundwater from the deep shell bed aquifer of the
Aupouri Peninsula (REQ.596300).

Joint Witness Statement

Task 6 - List of AOI for Potential Wetlands Risk Analysis

16 December 2020

1. This document was drafted by Marlene Oliver based on emails received from the experts named below.
2. Task 6 relates to 'Potential Wetlands Risk Analysis'. This task has been the subject of several discussions between the experts. The JWS from the expert conference held on 27 November 2020 records some of those discussions at paragraphs 13 – 20.

Relevantly, paragraph 18 records agreement reached on Areas of Interest (**AOI**):

“Potential wetland areas that should be subject to further analysis and monitoring as part of any consents, as shown by circles on a map prepared by WWLA titled ‘Land Cover and Wetland risk – Excluding High Producing Grassland’, are :

- (i) Retain areas – D, E, G, H, J, K M, N and O;*
- (ii) Add 2 new areas – P (located west of J) and Q (located south west of F); and*
- (iii) Delete areas – A, B, C, F, I and L.”*

Further, it was agreed in paragraph 19 that the areas listed in paragraph 18 (i) & (ii) would be reviewed to confirm an agreed list of AOIs that would be subject to future ground-truthing and ecological survey as part of the GMCP (Step B in para 19 of the JWS 27 November 2020).

3. Jon Williamson provided further detailed mapping and analysis of the areas (2 emails dated 8/12/20).
4. Dave West and Katrina Hansen reviewed the material and Katrina advised (email 11/12/20) as follows:
“Dave and I have considered the up-dated maps provided by Jon and have agreement with:
 - Retain area D (not remove) – for an initial ground-truthing as coastal dune slacks can provide important wetland areas and this would be the only coastal AOI (the other areas have been removed). Initial site visit may rule this area out if there are no wetland areas
 - Agree to retain and ground-truth of mapped (lime green polygons) within the AOI: E, H, J, K, M, N, P & Q

- G retain – also a quick on-ground check of high risk central area, while surveying the three highlighted areas
- O – remove, though potential wetlands around the ponds/lakes on the west of the AOI are noted

Also we suggest that where the green polygons are across the AOI polygons, that the AOI circle/boundary is moved or extended to include the whole wetland complex identified for ecological survey.”

5. Jon Williamson confirmed (email 14/12/20) that he agrees to the list as proposed by Dave and Katrina and subsequently (email 14/12/20 (12.12pm) including a zipped file) provided a PDF with the combined maps, starting with the Overview Maps and then the other sites, of the AOIs that are being retained.
6. For clarification the experts’ final agreed list of AOIs is: **Areas D, E, G, H, J, K M, N, P & Q**, noting that the circles shown on the maps are considered indicative guidelines and nearby sites that are identified as having significance as a wetland during the benchmarking exercise may be carried forward in the GMCPs.
The experts propose that this material be incorporated into the GMCP.
7. Signed:



Jon Williamson



Brydon Hughes



Katrina Hansen



Dave West

Attachment: Maps – as referred to para 5 above. (Separate zipped file)