

## **Appendix C**

### **Reference Material**

#### ***National policy statements, national environmental standards, policy statements and plans***

1. National Policy Statement for Freshwater Management 2014 (as amended in 2017)
2. New Zealand Coastal Policy Statement 2010
3. National Policy Statement for Renewable Electricity Generation 2011
4. National Policy Statement on Urban Development Capacity 2016
5. National Policy Statement on Electricity Transmission 2008
6. Resource Management (Measurement and Reporting of Water Takes) Regulations 2010
7. Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007
8. Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011
9. Resource Management (National Environmental Standards for Air Quality) Regulations 2004
10. Resource Management (National Environmental Standards for Telecommunication Facilities) Regulations 2016
11. Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009
12. Resource Management (National Environmental Standards for Plantation Forestry) Regulations 2017
13. Southland Regional Policy Statement 2017
14. Ngāi Tahu ki Murihiku Natural Resource and Environmental Iwi Management Plan 2008 (Te Tangi a Taurira)

#### ***Council reports***

15. Section 32 Evaluation Report for the Proposed Southland Water and Land Plan, 3 June 2016
16. Hearing Report: Proposed Southland Water and Land Plan, Prepared under Section 42A of the Resource Management Act 1991, April 2017
17. Opening legal submissions of Counsel for the Southland Regional Council, 17 May 2017
18. First set of responses to questions of Hearing Commissioners on Council s42A Report, 17 May 2017
19. Supplementary questions from the Hearing Commissioners, 22 May 2017
20. Additional questions from Hearing Commissioners in response to answers given in Council Opening, 25 May 2017
21. Answers from Matthew McCallum-Clark, 25 May 2017

22. Response to Hearing Panel Questions 12 June from R Hodson, 12 July 2017
23. Response to Question of Chairperson Rob van Voorthuysen for s42A authors [physiographic zones], 31 August 2017
24. Response to Questions of the Hearing Panel, Philip Maw (PM) [Rules 20, 21, 23 and 25], 14 September 2017
25. Response to Questions of the Hearing Panel, Philip Maw (PM) [Status of the RPS], 26 September 2017
26. Council Reply Report, 3 November 2017 including:
  - a. Errata data 9 November 2017
27. Council responses to questions of Hearing Commissioners on Council Reply Report, 14 November 2017

***Documents not referenced in Section 32 or Section 42A reports but provided to the Panel***

28. Baillie, B.R. & Neary, D.G. (2015). Water quality in New Zealand's planted forests: a review. *New Zealand Journal of Forestry Science*, 45(7), 1-18. [https:// doi 10.1186/s40490-015-0040-0](https://doi.org/10.1186/s40490-015-0040-0).
29. Barber, A. for Horticulture New Zealand. (2014). *Erosion & Sediment Control Guidelines for Vegetable Production V1.1*. Auckland: Horticulture New Zealand.
30. Cadmium Working Group, Ministry of Agriculture. (2008). *Report One: Cadmium in New Zealand Agriculture*. Wellington, New Zealand: Cadmium Working Group, Ministry of Agriculture.
31. Cavanagh, J. E., Robinson, B., McDowell, R., Rys, G., Taylor, M., Gray, C., Roberts, A., & Catto, W. (2013). *Cadmium – Where are we at? What do we need? How do we get there?*. Lincoln: Landcare Research.
32. Cooke, J. (2013). *Independent Review of Southland Water Quality and Current State 2010-2012*. Cambridge, New Zealand: Diffuse Sources Ltd.
33. DairyNZ Ltd. (n.d.). *Accelerating the Adoption of Good Environmental Practice on Dairy Farms*. Hamilton: DairyNZ Ltd.
34. DairyNZ Ltd. (n.d.). *DairyNZ Effluent Resources – Publications and Tools Catalogue*. Hamilton: DairyNZ Ltd.
35. DairyNZ Ltd. (n.d.). *Getting Riparian Planting Right in Southland*. Hamilton: DairyNZ Ltd.
36. DairyNZ Ltd. (n.d.). *Wintering on Crops in the South Island*. Hamilton: DairyNZ Ltd.
37. DairyNZ Ltd. (2014). *Sediment fingerprinting in Southland Waterways*. Hamilton: DairyNZ Ltd.
38. DairyNZ Ltd, Deer Industry New Zealand, NZ Pork, Beef + Lamb New Zealand, Horticulture NZ & Foundation for Arable Research. (2015). *Industry-agreed Good Management Practices relating to water quality*. Christchurch: DairyNZ Ltd, Deer Industry New Zealand, NZ Pork, Beef + Lamb New Zealand, Horticulture NZ & Foundation for Arable Research.

39. Dodd, M. B., McDowell R. W. & Quinn, J. M. (2016). A Review of Contaminant Losses to Water from Pastoral Hill Lands and Mitigation Options. *Hill Country – Grassland Research and Practice Series 16*, 137 – 148.
40. Dolan, M. (2016). *The Environmental Benefits of NZGAP as a Third Party Quality Assurance Scheme*. New Zealand GAP, NZ Agrichemical Education Trust. Wellington: New Zealand GAP.
41. Environment Southland. (n.d.) *Case Study: Stop your Farm Going Down the Drain*. Invercargill: Environment Southland.
42. Environment Southland. (2013). *Recreational Waters of Southland 2012/13*. Invercargill: Environment Southland.
43. Environment Southland. (2017). *Water Quality in Southland: Current State and Trends*. Invercargill: Environment Southland.
44. Eppink, F., Daigneault, A., Greenhalgh, S. & Lee, W. (2016). A National Riparian Restoration Infrastructural Network – is it value for money? *Landcare Research Policy Brief*, 15.
45. Foote, K. J., Joy, M. J. & Death, R.G. (2015). New Zealand Dairy Farming: Milking our Environment for all its Worth. *Environmental Management*, 56:3, 709-720.
46. Heritage New Zealand Pouhere Taonga. (n.d.). *Archaeological Discovery Protocol*. Wellington: Heritage New Zealand Pouhere Taonga.
47. Horticulture New Zealand. (2014). *Code of Practice for Nutrient Management v1.0*. Wellington: Horticulture New Zealand.
48. Horticulture New Zealand. (n.d.). *Vegetable Washwater Discharge Code of Practice*. Wellington: Horticulture New Zealand.
49. Hudson, S. (2006). Water Sampling Now an Issue in the Ongoing 1080 Debate. *NZ Hunting & Wildlife*.
50. Hughes, A.O. (2016). Riparian Management and Stream Bank Erosion in New Zealand. *New Zealand Journal of Marine and Freshwater Research*, 50:2, 277-290. [https://doi: 10.1080/00288330.2015.1116449](https://doi.org/10.1080/00288330.2015.1116449).
51. Kinsey, N. & Walters, C. (2013). *Neal Kinsey's Hands-on Agronomy* (3<sup>rd</sup> ed.). Austin, United States of America: Acres U.S.A.
52. Larned, S.T., Snelder, T., Unwin, M.J. & McBride, G.B. (2016). Water Quality in New Zealand Rivers: Current State and Trends. *New Zealand Journal of Marine and Freshwater Research*, 50:3, 1-29.
53. MacKay, A. D., Rhodes, A. P., Power, I & Wedderburn, M. E. (2011). Has the eco-efficiency of sheep and beef farms changed in the last 20 years?. *Proceedings of the New Zealand Grassland Association*, 73, 119-124.
54. Manapouri Power Scheme Lake Manapouri & Lake Te Anau Gazetted Operating Guidelines. (2002). Extract from *New Zealand Gazette*, 21/11/2002, No. 168, p. 4227.
55. McBride, G., Cole, R.G., Westbrooke, I. & Jowett, I. (2014). Assessing Environmentally Significant Effects: A Better sStrength-of-evidence Than a Single P Value?, *Environmental Monitoring and Assessment*, 186:5, 2729-2740.

56. McDowell, R.W. & Wilcock, R.J. (2008). Water Quality and the Effects of Different Pastoral Animals. *New Zealand Veterinary Journal*, 56:6, 289-296.
57. McGruddy, E. (2016). *National Water Reform & Regional Implementation* (draft working paper).
58. Ministry for Agriculture and Fisheries. (2011). *Cadmium and New Zealand agriculture and horticulture: A Strategy for Long Term Risk Management*. Wellington: Ministry for Agriculture and Fisheries.
59. Ministry for the Environment. (n.d.) *Indicative Timeframes for the Government's Consideration of Appendix 3 of the Freshwater NPS*. Wellington: Ministry for the Environment.
60. Ministry for the Environment. (2017). *Changes to Freshwater NPS*. Wellington: Ministry for the Environment.
61. Ministry for the Environment. (2017). *Clean Water: 90% of Rivers and Lakes Swimmable by 2040*. Wellington: Ministry for the Environment.
62. Mitchell, R. (n.d.). *Waikawa River Restoration Plan* [Brochure]. Invercargill, New Zealand: Kunzea Consultants.
63. Muirhead, R.W., Elliott, A.H., Monaghan, R.M. (2011). A Model Framework to Assess the Effect of Dairy Farms and Wild Fowl on Microbial Water Quality During Base-Flow Conditions. *Water Research*, 45, 2863-2874.
64. National Institute of Water & Atmospheric Research Ltd (NIWA). (2014). *Jacobs River Estuary Sediment Sources Assessment a Report Prepared for DairyNZ and Environment Southland*. Hamilton: NIWA.
65. Nichol, R. (2016). *Wetland Assessment: Scobie's Peat Bog, Tukurau, Southland*. Invercargill, New Zealand.
66. Passing the Test. (1 April 2016). *The Deer Farmer*.
67. Roche, J.R., Ledgard, S.F., Sprosen, M.S., Lindsey, S.B., Penno, J.W., Horan, B. & Macdonald, K.A. (2016). Increased Stocking Rate and Associated Strategic Dry-Off Decision Rules Reduced the Amount of Nitrate-N Leached Under Grazing. *Journal of Dairy Science*, 99, 5916-5925.
68. Southland District Council. (2016). *Community Futures – Discussion Paper*. Invercargill: Southland District Council.
69. Stowe, C. (2016). *Ecological Assessment Report - Glen Affric Peatland*. Invercargill, New Zealand: Urtica Inc.
70. Stowe, C. & Moate, D. (2014). *Ecological assessment Report – Otaitai Downs Swamp*. Invercargill, New Zealand, Urtica Inc and Environment Southland.
71. Sukias, J., Robertson, K., Tuckey, W. & Tanner, C. (2015). *Southland Gravel Pits Conversion to Wetlands: A Win-win for Farmers and the Environment*. Paper presented at the 28<sup>th</sup> Annual FLRC Workshop Massey University, Palmerston North. Retrieved from [https://www.massey.ac.nz/~flrc/workshops/15/Manuscripts/Paper\\_Sukias\\_2015.pdf](https://www.massey.ac.nz/~flrc/workshops/15/Manuscripts/Paper_Sukias_2015.pdf).
72. Taylor, M., Caldwell, J. & Sneath, G. (2017). Current State and Trend of Cadmium Levels in Soil, Freshwater and Sediments across the Waikato Region. *Science and policy: nutrient*

- management challenges for the next generation*. Occasional Report No 30, Fertilizer and Lime Research Centre: Massey University.
73. Taylor, M., Gibb, R., Willoughby, J., Hewitt, A. & Arnold, G. (2007). *Soil Maps of Cadmium in New Zealand*. Hamilton: Landcare Research.
  74. Templeton, V. (2007). *Sustainability of Agricultural Systems Regarding Nutrient Losses – A Report to the New Zealand Nuffield Farming Scholarship Trust*. Otaitai Bush, New Zealand.
  75. University of Canterbury. (2014). *Study into Didymo's Impact on 55 South Island Waterways* [press release]. Retrieved from <http://www.scoop.co.nz/stories/SC1408/S00030/study-into-didymos-impact-on-55-south-island-waterways.htm>.
  76. Wilson, A. (2015). *Exploring the Design of a Nitrogen Attenuating Stand-off Pad for Dairy Cattle*. Kellogg Rural Leadership Programme Applied Project. New Zealand.
  77. Z Energy Ltd. (2016). *Z Operational Risk Management System Procedure: Dewatering Environmental Management Procedure*. Wellington: Z Energy Ltd.