Envirolink Tools Nov-26

No.	Tools Round 1	Champion	$ inc GST	Provider	Status Nov-26
R1-1	Stream habitat assessment	Trevor James	168750	U of C	**completed - on website**
R1-2	Threatened environment	Rob Phillips	105000	LCR	**completed - on Landcare website**
R1-3	River management	Brin Williman	168750	NIWA	**completed**
R1-4	Extending clues	Reece Hill, Jon Roygard	168750	NIWA	**completed - on NIWA website**
R1-6	Stream restoration	Kevin Collier	168750	NIWA	**completed - on website**
R1-7	LUC handbook	Garth Eyles Greg Carlyon	360000	AgRes	**completed - link on website**

(tool meeting 5 May 06; list approved by FRST on 12 June 06)

	Tools Round 2	Champion	$ inc GST	Provider	Nov-26
R2-1	Fish monitoring protocol	Bruno David - as of Mar 09	168750	MU	**completed - on website**
R2-2	Land and soil monitoring - SINDI	Reece Hill + Amy Taylor	112500	LCR	**completed - link on website**
R2-3	Pest management prioritisation VPDS	Richard Bowman	168750	LCR	**completed - link on website**
R2-4	Aquifer monitoring framework	Ed Brown David Scott	112500	LVL	**completed - part on website**

(tool meeting 13 Nov 06; list approved by FRST on 30 Jan 07)

	Tools Round 3	Champion	$ inc GST	Provider	Nov-26
R3-2	Coastal hazard assessment	Mike Adye - Hazard	185625	NIWA	**completed - on website**
R3-3	Virus tool for groundwater protection	was Viv Smith; now Susie O	247500	ESR	**completed - on website**

(tool meeting 25 June 07; list approved by FRST 23 July 07)

	Tools Round 4	Champion	$ inc GST	Provider	Nov-26
R4-1	Sedimentation and instream values	Summer Warr - SWIM	168750	Cawthron	**Completed - on website**
R4-2	Uses and values of water bodies	Mary-Anne Baker - SWIM	168750	LU	**completed - on website**
R4-3	Incentives for air quality	Fleur Tiernan - NAQWG	225000	NIWA	**completed - on website**
R4-4	Guidelines for artificial lakes	Adrian Meredith - SWIM	90000	NIWA	**completed - on website**

R4-6	Coastal habitat	Jarrod Walker - Coastal	270000	NIWA	**completed - on website**

(tool meeting 19 Nov 07; final GC list 18 Dec 07; list approved by FRST 10 April 08)

	Tools Round 5	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R5-1	S-map - Soil data tool to underpin dairy farm management	Jeremy Cuff, Reece Hill - LMF	281300	LCR	**completed - link on website**
R5-2	NZ land use database and classification	Reece Hill, Jeremy Cuff - LMF	225000	LCR	**completed - link on website**
R5-3	Microbial source tracking for faecal contamination of coastal catchments.	Jarrod Walker - Coastal	308250	Cawthron	**Completed - report on website**
R5-4	Characterising dairy sludges and slurries	Rachael Millar - SWIM	135000	AgRes	**Completed - report on website**
R5-5	Update in-stream plant and nutrient guidelines	Summer Warr (was Kate Mc)	112500	NIWA	**Completed - report on website**

(tool meeting 25 Nov 08; final GC list 5 Dec 08; list approved by FRST 25 Mar 09)

	Tools Round 6	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R6-1	Pest management outcomes	Campbell Leckie BMG	186000	LCR	**completed - link on website**
R6-2	Capture zone guidelines for hydrological features	John Hadfield - GWF	169000	GNS	**completed - 11/4/14 on website**
R6-3	Soil quality indicators: the next generation	Reece Hill - LMF	208,000	AgRes	**Completed - report on website**

(tool meeting 12 Oct 09; final GC list 29 Oct 09; FRST notification of approval 7 Dec 09)

	Tools Round 7	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R7-1	Risk-based planning	Lisa Pearse - Hazards	230000	GNS	**completed on website**
R7-2	Monitoring terrestrial biodiversity	Fleur Maseyk + Kevin Collins - BMG/BTG	230000	LCR	**completed on website**
R7-3	Web-based tool for managing all relevant spatial tools	Beat Huser and Steve Markham - Policy	115,000	Massey	**completed on website**

(tool meeting 13 Nov 10; final GS list 18 Nov 10; FRST notification of approval 23 Dec 10

Tools Round 8	**Champion**	**$ inc GST**	**Provider**	**Nov-26**

R8-1	National environmental monitoring standards	Jeff Watson + Rob Christie LAEMG	103500	NIWA	**completeddraft on website**
R8-2	Maximising the effectiveness of farm plans	Tony Faulkner LMG	230000	NIWA	**completed on website**
R8-3	Guidelines for monitoring land fragmentation	Amy Taylor + Andrew Burton LMF	241500	LCR	**completed on website**

(tool meeting 27 Oct 11; Final GC list 4 Nov 11; MSI notification of approval 29 Nov 11)

	Tools Round 9	**Champion**	**$ inc GST**	**Provider**	**10/11/2026**
R9-1	Regional flood estimation in New Zealand	Gary Clode - River Managers, Martin Doyle LAEMG	172500	NIWA	**completed on website**
R9-2	Interoperable S-map	Colin Gray + Barry Lynch - LMF, Lisa Pearse - Hazards	230000	LCR	**completed on website**
R9-3	Review of the New Zealand instream plant and nutrient guidelines and development of an extended decision making framework: Phase 3	Graham Sevicke-Jones SWIM	172500	NIWA	**completed on website**

(tool meeting 29 Oct 12; Final GC list 6 Nov 12; MSI notification of approval 8 February

	Tools Round 10	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R10-1	Estuarine Trophic Index	Anna Madarasz-Smith - Coastal	287,500	NIWA - Mal Green	**completed on website**
R10-4	Background concentrations and soil guideline values for the protection of ecological receptors	Dominique Noiton - Waste & Contaminated Land Forum	253,000	LCR - Jo Cavannagh	**completed on website**

(tool meeting 4 Nov 2013; GC list 14 Nov 2013; MBIE approval 23 Jan 2014)

	Tools Round 11	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R11-2	NEMS water quality standard	Jeff Watson Simon Tredgett (AC) - LAEMG Jim Price (PM)	172500	NIWA	**completed on website**

R11-5	Upgrade NZ high intensity rainfall design system (HIRDS)	Jeff Watson, Gary Clode - Rivers, LAEMG, HMG	402500	NIWA - Graeme Horrell	**completed on website**
	(tool meeting 22 Oct 2014; GC list 3 Nov 2014; MBIE approval 23 Feb 2015)				
	Tools Round 12	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R12-1	Aquatic weed management best practice guide	Don McKenzie (BMG)	225400	NIWA	**completed on website**
R12-2	A review of the marine contact recreation water and shellfish gathering guidelines.	Anna M-S (Coastal)	115000	NIWA	**completed on website**
R12-3	Development of a national fish passage assessment protocol and data management tools	Trevor James (SWIM)	166750	NIWA	**Completed link to NIWA site**
R12-4	Protocol and methodology standards for farm scale soil mapping	Karen Wilson (LMF)	67850	LCR	**completed on website**
	(tool meeting 22 Oct 2015; GC list 5 Feb 2016; MBIE approval 9 May 2016)				
	Tools Round 13	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R13-1	Cost effective tools for monitoring urban waters	C Conwell M Cameron T Davie R Hodson (SWIM)	172500	NIWA (Gadd and Moores)	**completed on website**
R13-3	Mobile technology to enhance public participation in weed surveillance	R Milne (BMG)	172500	Scion (Pawson)	**completed - tool available on internet**
R13-4	Improving Uptake of Decision Support System (DSS) Tools	B Huser (Policy)	57500	LCR	**completed - website updated**
R13-5	Wetland Delineation: Soil Tool Development	R Smith (BMG)	57500	LCR	**completed on website**
	(tool meeting 20 Oct 2016; GC list 30 Nov 2016; MBIE approval 12 May 2017)				
	Tools Round 14	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R14-1	Molecular tool for detecting fish species in freshwater	Ebrahim Hussein (SWIM) - now Andy Hicks	299000	Cawthron	**completed on website**
R14-2	Satellite MODUS-Aqua Coastal Water Quality Tool	Megan Oliver Melissa Foley Steve Urlich (Coastal)	126500	NIWA	**completed on website**

R14-3	Measurement of total flow in weedy lowland streams	Mike Ede (Env Data) Thomas Wilding (SWIM)	149500	NIWA	**completed on website**

(tool meeting 19 Oct 2017; GC list 7 Dec 2017; MBIE approval 25 June 18)

	Tools Round 15	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R15-2	**Aerial survey system to quantify toxic cyanobacteria cover**	SWIM: Mark Heath (GW), Shirley Hayward (ECAN), Roger Hodson (ES)	253000	NIWA: Hamish Biggs, Jo Bind, Cathy Kilroy, Karl Safi	**completed on website**
R15-1	**A collaborative satellite data workspace for regional councils**	LMF: Reece Hill (WRC), Nancy Golubiewski (AC)	322000	GNS: Rogier Westerhoff	**completed on website**

(Tool committee meeting 25 Oct 2018; GC meeting 5 Nov 2019; MBIE approval 6 June 20

	Tools Round 16	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R16-1	**Microbial Risk Assessment tool for discharges near drinking water wells.**	GF – Carl Hanson, Lisa Scott (ECAN)	218500	ESR + GNS	**completed on website**
R16-3	**Surrogate technologies for river suspended sediment load monitoring**	ED - Brent Watson (HRC); Nicholas Holwerda (AC)	155250	NIWA	**completed on website**
R16-4	**Monitoring and evaluation of riverine flow management under the NPS-FM**	SWIM – Paul Fisher (NCC); Susie Osbalditson (NRC)	201250	NIWA + Cawthron	**completed on website**

(tool meeting 24 Oct 2019; GC meeting 16 Nov 2019; MBIE approval 18 June 2020)

	Tools Round 17	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R17-2	Taxonomic resource for soft sediment estuarine and coastal macroinvertebrates	CSIG - Megan Oliver (GW); Michael Townsend	172500	NIWA + Cawthron	**completed - link to NIWA on website**

R17-4	National Quality Assurance Framework for Community-Based Monitoring	SWIM - Sheryl Miller; Sandy Haidekker; Shirley Hayward	230000	NIWA	**Completed on website**
R17-1	National Works in Waterways Guideline	Duncan Gray (ECAN) Jarred Arthur (ECAN)	172500	UCAN	**Link on website**

(tool meeting 20 Oct 2020; GC meeting 12 Nov 2020; MBIE approval 22 June 2021)

	Tools Round 18	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R18-2	Stocking NZ's molecular library for eDNA monitoring	SWIM - Michael Pingram (WRC) and more	299920	Massey Univ	**completed on website**
R18-1	Implementation of ecological soil guideline values and sustainable soil management of 'surplus' soils	LMF Jonathan Caldwell (WRC) and more	148350	MWLR	**completed on website**
R18-4	Enabling flexibility and connectivity in land use classifications for state of the environmental soil quality monitoring	LMF Haydon Jones (WRC) and more	105800	MWLR	**completed on website**

(tool meeting 12 Oct 2021; GC meeting 9 Nov 2021; MBIE approval 3 June 2022)

	Tools Round 19	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R19-4	High frequency water quality monitoring – design, planning and implementation guidance	SWIM Ed Brown (WRC) Coral Grant (AC)	291640	NIWA: Lucy McKergow	**completed on website**
R19-2	Mapping and ground-truthing the extent of naturally uncommon ecosystems	BMG Scott Jarvie (ORC) Roger Uys (GW)	282900	MWLR: Adrian Monks	**completed on website and on TUR website**

(tool meeting 28 Oct 2022; GC meeting 15 Nov 2022; MBIE approval July 2023)

	Tools Round 20	**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R20-3	Using remote sensing to quantify coastal vegetation cover	Melanie Burns (ECAN), Sam Thomas (ORC), Josie Crawshaw (BoP) CSIG	230000	NIWA - Leigh Tait, Steph Mangan etc	**-LT email 23/4/25 "on track" - asked 5/11/26**

R20-6	Guidance for standardised forest condition monitoring for regional councils	Annabel Beattie (HBRC) - BDWG	345000	MWLR - Warwick Allen, Sarah Richardson, Peter Bellingham	**AB email 23/4/25 on track - and on 5/11/26**
R20-2	Revising target values for soil quality indicators used in SOE reporting	Haydon Jones (WRC) Matthew Taylor (WRC) Erik Button (ORC) - LMF SIG	143750 ($100K MfE)	MWLR- John Drewry, Jo Cavanagh etc	**completed on website**

(tool meeting 20 Oct 2023; GC meeting 18 Dec 2023; MBIE approval July 2024)

Tools Round 21		**Champion**	**$ inc GST**	**Provider**	**Nov-26**
R21-4	High frequency water quality monitoring field guidance	Environmental Data & CSIG - Ed Brown WRC	345000	NIWA - Lucy McKergow	**contract signed 1 July 2025 - asked for progress 5/11/26**

(tool meeting 1 Nov 2024; GC meeting 14 Nov 2024; MBIE approval 2 July 2025)

Tools Round 22		**Champion**	**$ inc GST**	**Provider**	**completed - on NI**
R22-4	Updated estimates of surface water availability under AR6 climate change projections.	SWIM - Susie Osbaldiston (NRC)	287500	ESNZ - Christian Zammit	**contracted 8 Jul 26 - checked 5/11/26**
R22-2	Monitoring naturally uncommon ecosystems in Aotearoa New Zealand	BWG - Scott Jarvie(ORC), Annabel Beattie (HBRC)	287500	BSI - A Monks, G Brownstein,	**contracted 8 Jul 26 - progressing as of 5/11/26**

(tool meeting 31 Oct 2025; GC meeting 13 Nov and 8th Dec 2025; MBIE approval 8 July