

Tabled @ Hearing
25-08-2016

SOE Observation data for 2015/16

PC5 Table 15B(a)						
Site ID	Site Name	River type	Freshwater outcomes - Cyano-bacteria mat cover (%)	Max of Cyanobacterial mat (bankside obs) (%cover)	Max of Cyanobacterial mat - Rec (instream obs. run and riffle) (%cover)	Max of Cyanobacterial mat - SoE (instream obs. run) (%cover)
SQ35876	Ahuriri River Ben Omar	Alpine upland			4	4
SQ26368	Forks Stream SH8	Alpine upland	20	0	0	0
SQ10301	Otematata River SH83	Alpine upland		10	10	10
SQ10206	Spring Creek SH8	Spring-fed upland		0		
SQ10275	Maryburn SH8 Bridge	Spring-fed upland			15	15
SQ10005	Omarama Stream SH8	Spring-fed upland		1	10	10
SQ10012	Willowburn Quailburn Road	Spring-fed upland		0		
SQ10037	Sutherland's Creek Ben Omar Road	Spring-fed upland			2	0
SQ10804	Wairepo Creek Arm Inlet	Spring-fed upland		0		
SQ10851	Spring Creek Glenbrook Boundary	Spring-fed upland		5		
SQ10852	Upper Wairepo Creek Pylon Line	Spring-fed upland		25		
SQ10853	Willowburn Benmore Boundary	Spring-fed upland	20	0		
SQ10854	Willowburn Glens Boundary	Spring-fed upland		0		
SQ10855	Willowburn Willowburn Boundary	Spring-fed upland		0		
SQ35908	Wairepo Creek Glenbrook Top Boundary	Spring-fed upland		0		
SQ36030	Wairepo Creek Glenbrook Stn bottom boundary	Spring-fed upland		0		
SQ26369	Irishman Creek SH8	Spring-fed upland		0	2	2
SQ35119	Twizel River - Lower Below Black Stiff Station	Spring-fed upland		0	2	0
SQ35557	Willowburn Above Willowburn boundary	Spring-fed upland		0		
SQ35792	Quailburn Quailburn Road	Spring-fed upland		0	1	1
SQ20785	Tekapo River Steel Bridge	Lake-fed	50		20	2
SQ35871	Otekaleke River Special School Road	Hill-fed lower			10	2
SQ10856	Willowburn Trib Buscot Boundary	Hill-fed lower		0		
SQ10057	Hakataramea River Cattle Creek	Hill-fed lower	50		7	7
SQ10160	Maerewhenua River SH83	Hill-fed lower			10	5
SQ10167	Otiake River Mt Bell Station	Hill-fed lower			0	0
SQ10174	Penticoico Stream SH83	Spring-fed lower basin			0	0
SQ10814	Cattle Creek Morland Settlement Road	Spring-fed lower basin	50		25	15
SQ10818	Deadman Stream Hakataramea Valley Road	Spring-fed lower basin		0	0	0
SQ21160	Waikakahi Stream Cock & Hen Road	Spring-fed plains		0		
SQ21254	Waikakahi Stream Te Maiharoa Road	Spring-fed plains	50		8	10
SQ21255	Waikakahi Stream Old Ferry Road	Spring-fed plains			0	1
SQ21289	Whitneys Creek Carrolls Rd	Spring-fed plains		0	0	0

	Max of Cyanobacterial mat_riffle and run routine observation	Max of Cyanobacterial mat_riffle and run - detailed transect observations	PC6 Table 15B(a) Freshwater outcomes - Cyano-bacteria mat cover (%)
Summer period	(% cover)	(% cover)	(%)
2007-08	20	-	
2008-09	5	-	
2009-10	10	-	
2010-11	5	-	Hill-fed lower
2011-12	0	-	
2012-13	5	-	50%
2013-14	40	37.4	
2014-15	15	4	
2015-16	25	20.6	
2008-09	1	-	
2009-10	0	-	
2010-11	0	-	Alpine upland
2011-12	0	-	
2012-13	1	-	
2013-14	5	-	
2014-15	0	not surveyed - trigger level not reached	20%
2015-16	15		

SQ10067 - Hakataramea River at SH82

SQ35570 - Twizel River