

Appendix 5. Relationship between CFR water quality indicators and previous year habitat management actions--Alternate specifications

	<u>Water temperature ≥ 32 C</u>			<u>pH range 6.5 8.5</u>		
	OLS FE	Logistic	Probit	OLS FE	Logistic	Probit
Number of CFR environment activities (lagged)	0.00712 (0.0151)	0.00429 (0.139)	0.00316 (0.0794)	0.0364 (0.0258)	0.0693 (0.0958)	0.0421 (0.0580)
Number of water quality activities (lagged)	0.0188 (0.0280)	0.149 (0.261)	0.0744 (0.143)	0.0743* (0.0391)	0.351** (0.149)	0.213** (0.0909)
Year=2015	0.0705* (0.0416)	0.808** (0.389)	0.509** (0.209)	0.0855* (0.0507)	0.408* (0.246)	0.242 (0.149)
May	0.263*** (0.0478)	2.804*** (0.758)	1.470*** (0.333)	0.163** (0.0610)	0.678** (0.324)	0.423** (0.201)
August	0.138*** (0.0404)	2.048*** (0.776)	1.000*** (0.345)	0.100 (0.0657)	0.469 (0.345)	0.277 (0.208)
November	0.0250 (0.0176)			0.0750 (0.0640)	0.344 (0.339)	0.204 (0.206)
Constant	0.0553 (0.0380)	3.264*** (0.787)	1.746*** (0.350)	0.543*** (0.0723)	0.378 (0.349)	0.242 (0.212)
Observations	320	240	240	320	320	320
R squared	0.161			0.086		
Number of CFRs	40			40		

Robust standard errors in parentheses. *** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$. Reference year is 2014. Reference month is February. OLS FE columns report Table 3 values for reference. Logistic and Probit columns report marginal effects. During November and February, all water temperature values ≥ 32 C.