

APPENDIX C – LIME CREEK NUTRIENT WATER QUALITY DATA

This appendix contains recent nutrient water quality data used for impairment verification and discussed within this document for Lime Creek (**Table C-1**).

Table C-1. Recent DEQ nutrient data for Lime Creek

Station (Site) Name	Site ID	Activity Date	Latitude	Longitude	Flow (cfs)	TSS (mg/L)	Total N per Sulfate Method (mg/L)	NO ₂ + NO ₃ as N (mg/L)	Total P (mg/L)	Chlorophyll <i>a</i> (mg/m ²)	Ash-Free Dry Mass (AFDM) (g/m ²)	Periphyton (metric score)	Macros (HBI score)
Lime Creek 1/4 mile upstream from mouth (Fortine Creek)	K01LIMEC01	8/12/2003	48.66083	-114.88972	0.7	3.5		0.01	0.024			25	4.3
Lime Creek above mouth	TOBACCO-NUT4	9/12/2007	48.66140	-114.89090	immeasurable	10.2	0.16	<0.005	0.007				
Lime Creek above mouth	TOBACCO-NUT4	8/5/2008	48.66140	-114.89090	0.59	1	0.1	<0.01	0.011				
Lime Creek above mouth	TOBACCO-NUT4	10/1/2008	48.66140	-114.89090	0.45	1	0.1	<0.01	0.009				
Lime Creek at FR 3780 crossing	K01LIMEC03	7/12/2012	48.64375	-114.84899	0.16	<2	<0.05	<0.01	<0.005				
Lime Creek at FR 3770 crossing	K01LIMEC04	7/12/2012	48.64839	-114.86940	2.64	5	0.28	<0.01	<0.005				
Lime Creek 1/4 mile upstream from mouth (Fortine Creek)	K01LIMEC01	7/12/2012	48.66083	-114.88972	4.8	5	0.91	<0.01	0.008				
Lime Creek at FR 3780 crossing	K01LIMEC03	8/23/2012	48.64375	-114.84899	0.11	<2	<0.04	<0.01	<0.003	<50		68	
Lime Creek at FR 3770 crossing	K01LIMEC04	8/23/2012	48.64839	-114.86940	1.57	<2	0.05	0.02	<0.003	<50		29	1.9
Lime Creek 1/4 mile upstream from mouth (Fortine Creek)	K01LIMEC01	8/23/2012	48.66083	-114.88972	2.02	6	0.12	<0.01	0.007	1.1	118	57	4.6
Lime Creek 1/4 mile upstream from mouth (Fortine Creek)	K01LIMEC01	8/6/2013	48.66083	-114.88972	0.74	16	0.21 J	<0.01	0.021				
Lime Creek at FR 3780 crossing	K01LIMEC03	8/6/2013	48.64375	-114.84899	0.04	<2	0.04 J	<0.01	<0.003				
Lime Creek at FR 3770 crossing	K01LIMEC04	8/6/2013	48.64839	-114.86940	0.62	<2	<0.04	0.02	<0.003				
Lime Creek 1/4 mile upstream from mouth (Fortine Creek)	K01LIMEC01	9/9/2006	48.66083	-114.88972								65	
Lime Creek	K01LIMEC02	7/24/2008	48.64780	-114.87441									2.9

Bolded values exceed the water quality target. "J" is a data flag that indicates the analyte was detected and the value is the approximate concentration of the analyte in the sample

