

Table 5.3-1. Average Abundance, Density, and Biomass Estimates for Naturally Reproducing Trout (Brown and Brook) in Lee Vining Creek Between Saddlebag Dam and the Confluence of Slate Creek, 1999–2016

Survey Year ^a	Abundance (trout/mile)	Density (trout/m ²)	Biomass (g/m ²)
1999	998	0.14	6.8
2000	601	0.12	4.1
2001	735	0.11	4.2
2006	1,159	0.16	8.9
2011	880	0.02	1.1
2016	3,525	0.43	13.4

Note:

^a Fish surveys were conducted in spring, summer, and fall from 1999 to 2001, and in the fall of every fifth year thereafter (2006, 2011, and 2016)

Table 5.3-2. Rainbow Trout Stocking Information for the Lee Vining Project Aquatic Assessment Area in 2015 and 2016

Year	Waterbody	Number	Pounds	Average weight/fish (pounds)
2015	Saddlebag Lake	11,680	6,100	0.52
2015	Lee Vining Creek	730	375	0.51
2015	Tioga Lake	4,275	2,220	0.51
2015	Glacier Creek	1,380	700	0.51
2015	Ellery Lake	7,390	3,983	0.54
2015	Average	5,091	2,672	0.52
2016	Saddlebag Lake	18,455	9,365	0.51
2016	Lee Vining Creek	1,590	800	0.50
2016	Tioga Lake	9,955	5,165	0.52
2016	Glacier Creek	3,980	2,000	0.50
2016	Ellery Lake	13,375	6,895	0.52
2016	Average	9,471	4,845	0.51
2015-2016	Average	7,281	3,758	0.51

Table 5.3-3. Benthic Macroinvertebrate Sample Sites in the Lee Vining Project Aquatic Assessment Area

Waterbody Name	Site Location Description	Site Code	Coordinates ^a		Sampling Year(s)	Collection Agency or Institution	Data Source(s)
			Latitude	Longitude			
Lee Vining Creek	Approximately 3.1 miles below Poole Powerhouse at Moraine Camp (SWRCB Station Code 601LVC001)	LVMC	37.9300	-119.1640	2000	SNARL	SWRCB, 2020a, 2020b
	Approximately 0.9 mile below Warren Fork (SWRCB Station Code 601PS0065)	LVWF	37.9451	-119.2040	2011	CDFW ABL	SWRCB, 2020a, 2020b
	Below Saddlebag Lake outlet ^c	LVSR	37.9649	-119.2738	2016, 2017	UCSB	Cohen, 2019
					2010	SNARL	Herbst and Medhurst, 2010
					2005, 2006	SNC and DRI	Rost and Fritsen, 2014
	Below the confluence of Slate Creek ^c	LVSC	37.9592	-119.2786	2005, 2006	SNC and DRI	Rost and Fritsen, 2014
Lee Vining Creek below Ellery Lake outlet ^c	LVEL	37.9353	-119.2316	2016, 2017	UCSB	Cohen, 2019	
Glacier Creek	Glacier Creek 50 meters below Tioga Dam ^c	GCTL	37.9285	-119.2508	2015, 2016, 2017	UCSB	Cohen, 2019
Leakage zones below Saddlebag Dam	Reservoir leakage sites below Saddlebag Lake outlet ^c	SRRL	37.9653	- 119.2731	2018	SNARL	Herbst and Medhurst, 2010

Notes:

^a Datum = NAD83

^b CDFW ABL= California Department of Fish and Wildlife Aquatic Bioassessment Lab; DRI = Desert Research Institute; SNARL= Sierra Nevada Aquatic Research Laboratory; SNC = Sierra Nevada College; UCSB = University of California Santa Barbara

^c Approximate location based on description of reach (coordinates were not included in associated publication).