Lodi Citizen's Monitoring - Lodi, California

STORM DRAIN DETECTIVES

Tuesday, December 10, 2019

Lower Mokelumne River Watershed in Lodi, California

RAINFALL in Lodi

New Season Begins July 1, 2019

Month total- 3.03" | Day total- 0" | Last rain- 12/0719- .56" | 2019-2020 Season Total: 4.31"

Camanche and Pardee Resevoir Releases-FLOW

12/10/19-Camanche- 329cfs; Pardee-N/A

WEATHER and VISUAL OBSERVATIONS-Overcast, cloudy, light breeze, cold. (12.7C/54.9F)

DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR	
10-Dec-19	site 1	Other	None	None	Clear	None	None	None	None	None
	site 3- (Previously 5-A)	None	None	None	Clear	Low	None	None	None	None
	site 7	None	None	None	Cloudy	Low	None	None	Olive Brown	None
	site 8	Musty	None	None	Murky	Low (from wind)	None	Little	Green Brown Clear	None
	site 9-C	None	None	None	Clear	Low	None	None	None	None

Calibration assist: Dylan O'Ryan

WOODBRIDGE DAM IMPOUNDED THE RIVER- 2/28/19

MONITORED BY:	TEACHER	SITES and STUDENTS
Lodi High	Lodi High-APES-Atwater	Sites # 1- Vacarrezza Private Property- (Atwater)- Savannah Rameriz, Erin Redding, Madalynn Westland
Lodi High	Lodi High-APES-Atwater	Site # 3 (Prev. 5-A)- 301/305 Mokelumne River Dr./HOA Park- Dylan Rodgers, Niko Cabrera, Mason Osborn, Angelo Zazzarino, Logan Stout
Lodi High	Lodi High- Turner	Site # 7- River at Gazebo- Lodi Lake Park- Sulke Seke, Savanna Berry, Maggie Fugate, Meagan Ky, Samuel Shorts, Saeda S., Rohan, Megan L., Ava A., Makayla O'Neil, Diego Munoz, Ezeaniel Garcia. (Nicole and Amelia- Leaders)
Lodi High	Lodi High-Turner	Site # 8- Westside Lodi Lake- Lodi Lake Park-Talisa Heinitz, Korbin Reed, Troy Slinger, Elle Karagounis, Hattie Ellison, Nick Macdonald, Nick Me, Sam Flores, Amelia Garabaldi, Everette Hunt, Jenna Begelow, Evan Souza, and Liliana Ortiz, Alexandra, Colwell,
Tokay High	Tokay High- APES	Site # 9-C-Team A and B- (Dylan O'Ryan- leader) Kali Anema, Kari Anema, Ethan Fulton, Ryker Henne, Jorden Lawrence, Sabrina Chen, Alyssa Bradley, Elle Marcee, Belen Espinoza, Alexia Cruz

WATER QUALITY

10-Dec-19	Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	EC Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Lodi High- Atwater	Site #1	12/10/19	15:20	6.9	13.1 C	55.6 F	10.2	1.3 ntu	40	0	
	River upstream from City			B	A	A	A	A	A	A	Equipment box # 4- Some leaves floating in river.
	Storm System outfall # 1										
Lodi High- Atwater	Site # 3 (Prev. 5-A)	12/10/19	15:05	7.5	13.2 C	55.8 F	9.1	2.8 ntu	30	0	Equipment box # 1- Lots of geese poop on beach.
	River Dr.- HOA beach			A	A	A	A	A	A	A	
Lodi High- Turner	Site # 7	12/10/19	15:14	7.9	15.1 C	59.2 F	9.1	1.9 ntu	40	0	
	River, near Gazebo			A	A	A	A	A	A	A	Equipment box- # 5- Corn kernels on ground. Man fishing. Lots of leaves on ground. Litter in water. <5pcs.
	N/O Lodi Lake Park										
Lodi High- Turner	Site # 8	12/10/19	15:05	7.1	12.7 C	54.9 F	9.5	1.3 ntu	40	0	
	Lodi Lake Park- west lake			A	A	A	A	A	A	A	Equipment- Box # 2- Very cold, cloudy, lots of leaves in Lodi Lake, bushes, lots of people helping, lots of waste in water.
	Lake										
Tokay High	Site # 9C	12/10/19	15:29	7.7	13.7 C	56.7 F	9.1	2.2 ntu	40	0	
	Monitored from WID office property.			A	A	A	A	A	A	A	Equipment box # 3- WID- Normal testing conditions.
	Below city storm system. Woodbridge.										