

Lodi Citizen's Monitoring - Lodi, California						2019-2020- RAINFALL in Lodi					
STORM DRAIN DETECTIVES						New Season Begins July 1, 2019					
Tuesday, December 17, 2019						Day total- 0"	Last rain- 12-13-19- .04"	2019-2020 Season Total: 4.51"			
Lower Mokelumne River Watershed in Lodi, California						Camanche and Pardee Reservoir Releases- FLOW 12/17/19-Camanche- 331 cfs; Pardee-N/A (89% full)					
WEATHER and VISUAL OBSERVATIONS- Overcast, cloudy, slight breeze, cold. (13.2C/55.8F)											
DATE	SITE	ODOR	ALGAE	FOAM	TURBID.	FLOW	OIL	LITTER	COLOR		
17-Dec-19	site 1	None	None	None	Clear	Low	None	None	None	None	
	site 3- (Previously 5-A)	None	None	None	Clear	Low	None	None	green	None	
	site 7	None	None	None	Clear	Low	None	High(11-25 pcs)	None	None	
	site 8	None	None	None	Clear	Low	None	None	None	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)- Gianna Mora, Audrey Garcia, Brian McDonald, Noah McGregor, Anna Weigel, (leader) Elizabeth Pecko									
Lodi High	Lodi High-APES-Atwater	Site # 3 (Prev. 5-A)- 301/305 Mokelumne River Dr./HOA Park- (Atwater)- Ella, Jordan, Georgia, Jasmine, Yasmine									
Heritage Elem.	Heritage Elem- Jacinto	Site # 7- River at Gazebo- Lodi Lake Park- (Recorder- Natalie Osorio-Rogel), Jaylene Guerrero, Leslie Garcia-Santibanez, Max Hernandez-Velasquez, Eduardo Lopez, Leonardo Salazar, Emmanuel Mendez, (Dylan O'Ryan- Team Leader)									
Reese Elem.	Reese Elem- Martinez	Site # 8- Westside Lodi Lake- Lodi Lake Park-(Team Leader- Martinez)-JadenGalvan, Andrew Plath, Emily Sauseda, Lucas, Cruz									
Tokay High	Tokay High- APES- Starr	Site # 9-C- Crystal Vareld (Recorder)- Nathan Starkovitch, Haseem Khan, Dharuv Walia									
WATER QUALITY											
19-Nov-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	12/17/19	15:30	8.1	10.9 C	51.6 F	8.0	1.6 ntu	40	0	Equipment box # 2-We calibrated the DO meter wrong, so it was in the wrong setting. Affected DO temp and DO readings. (Data recorded here is the CHEMet and digital probe measurements, not DO meter.)
	River upstream from City Storm System outfall # 1			B	A	A	A	A	A	A	
Lodi High- Atwater	Site # 3 (Prev. 5-A)	12/17/19	15:15	7.2	11.5 C	52.7 F	8	2.2 ntu	40	1	Equipment box # 4- DO meter in wrong mode. Used CHEMet measurements. Still water, no people in water, breeze, cloudy, geese in river, no homeless, no trash in river.
	River Dr.- HOA beach			A	A	A	CHEMet	B	A	A	
Heritage Elem. School Jacinto	Site # 7	12/17/19	15:30	7.5	11.3 C	52.3 F	10.0	1.5 ntu	40	0	Equipment box- # 3- Three people fishing, a dozen geese.
	River, near Gazebo			A	A	A	A	A	A	A	
Reese Elem. School Martinez	Site # 8	12/17/19	15:30	8	11.7 C	53.1 F	10.4	1.9 ntu	40	0	Equipment- Box # 1-Lots of dog poop close to water.
	Lodi Lake Park- west lake			A	A	A	A	A	A	A	
Tokay High- Starr	Lake	12/17/19									Equipment- Box # 5- Out of pH paper, going to use turbidity water when we return to DC. pH paper was less than but close to 8.0. Meter average was 8.1.
	Site # 9C		15:27	8.1	11.7 C	53.1 F	9.5	1.6 ntu	40	0	
	Monitored from WID office property. Below city storm system. Woodbridge.			B	A	A	A	A	A	A	