

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/22/16 PAGE 1 of 2
 LOCATION: El Oro Way Elementary School BY: Travis Dagdigian

INSTRUMENT: Ultra RAE 3000 Photo Ionization Detector
 BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 BENZENE SENSOR CALIBRATION VALUE: _____ ppmv CALIBRATION READING: _____ ppmv

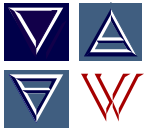
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1133	0.00	--	0	0.004	--	--	--	--	--	Staff Lot
1140	0.00	--	0	0.005	--	--	--	--	--	Main Office
1142	0.00	--	0	0.005	--	--	--	--	--	Kindergarten
1153	0.00	0.0	0	0.004	ND	ND	ND	ND	ND	PTA Room
1224	0.00	--	0	0.005	--	--	--	--	--	Library
1230	0.00	--	0	0.005	--	--	--	--	--	Auditorium
1238	0.00	--	0	0.007	--	--	--	--	--	Garden Playground
1245	0.00	0.0	0	0.005	ND	ND	ND	ND	ND	Lunch area/Theatre
1307	0.00	--	0	0.003	--	--	--	--	--	Teacher's Lounge
1311	0.00	--	0	0.005	--	--	--	--	--	Auditorium
1315	0.00	--	0	0.003	--	--	--	--	--	Main Office

Weather Conditions: Clear, Windy Wind Speed: 10 mph Wind Direction: N Temperature: 78 ° F

Comments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an indicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, Xylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile constituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses. **H2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)**



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 BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 BENZENE SENSOR CALIBRATION VALUE: _____ ppmv CALIBRATION READING: _____ ppmv

INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1322	0.00	--	0	0.005	--	--	--	--	--	Garden
1330	0.00	--	0	0.003	--	--	--	--	--	PTA Room
1336	0.00	--	0	0.003	--	--	--	--	--	Auditorium
1340	0.00	--	0	0.005	--	--	--	--	--	Lunch Area
1346	0.00	--	0	0.002	--	--	--	--	--	Parent Lounge
1352	0.00	--	0	0.006	--	--	--	--	--	Staff Lot

Weather Conditions: Windy Wind Speed: 7 mph Wind Direction: NE Temperature: 77 °F

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