



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/18/16 PAGE 1 of 3
 LOCATION: Germain Street Elementary School BY: Robert Pitzer

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)	
0710	0.00	--	0	0.000	--	--	--	--	--	Library
0715	0.00	--	0	0.000	--	--	--	--	--	Room 15
0717	0.00	--	0	0.000	--	--	--	--	--	By Room 16
0719	0.00	--	0	0.001	--	--	--	--	--	Lunch Pavilion
0721	0.00	--	0	0.000	--	--	--	--	--	YMCA (Room 20)
0723	0.00	--	0	0.000	--	--	--	--	--	Main Office
0835	0.00	--	0	0.002	--	--	--	--	--	North Parking Lot
0837	0.00	0.00	0	0.000	--	--	--	--	--	Auditorium
0839	0.00	--	0	0.001	--	--	--	--	--	NW corner of playground
0841	0.00	--	0	0.002	--	--	--	--	--	SW Corner of playground
0843	0.00	--	0	0.001	--	--	--	--	--	SE Corner of Playground

Weather Conditions: Cloudy, Rain, Cool Wind Speed: 0 mph Wind Direction: NW Temperature: 53 ° 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 (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0848	0.00	0/00	0	0.000	--	--	--	--	--	Inside Room #15
0854	0.00	--	0	0.001	--	--	--	--	--	Library
0935	0.00	0.00	0	0.002	ND	ND	ND	ND	ND	Lobby
1126	0.00	--	0	0.002	--	--	--	--	--	Main Office
1128	0.00	0.00	0	0.001	--	--	--	--	--	Inside K1
1130	0.00	--	0	0.002	--	--	--	--	--	Inside K2
1132	0.00	--	0	0.001	--	--	--	--	--	Inside K3
1134	0.00	--	0	0.002	ND	ND	ND	ND	ND	Inside K4
1317	0.00	--	0	0.002	--	--	--	--	--	SE Corner of Playground
1323	0.00	--	0	0.001	--	--	--	--	--	SW Corner of Playground
1327	0.00	--	0	0.001	--	--	--	--	--	Inside Room #21

Weather Conditions: Cloudy, Cool, no rain Wind Speed: 2 mph Wind Direction: SW Temperature: 53 °F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1402	0.00	--	0	0.002	--	--	--	--	--	Library
1411	0.00	--	0	0.002	--	--	--	--	--	By Room #10
1413	0.00	--	0	0.001	--	--	--	--	--	Inside Room #15
1420	0.00	--	0	0.002	--	--	--	--	--	Main Office

Weather Conditions: Clear Wind Speed: 0-5 mph Wind Direction: W Temperature: 70 °F

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