

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/17/16 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

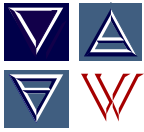
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
0649	0.00	--	0	0.005	--	--	--	--	--	Teacher's Lounge
0651	0.00	--	0	0.005	--	--	--	--	--	Auditorium
0653	0.00	--	0	0.003	--	--	--	--	--	Main Office
0655	0.00	--	0	0.004	--	--	--	--	--	Library
0657	0.00	--	0	0.002	--	--	--	--	--	Room #15
0700	0.00	--	0	0.006	--	--	--	--	--	Lunch Pavilion
0703	0.00	--	0	0.005	--	--	--	--	--	NW Corner of Playground
0839	0.00	--	0	0.004	--	--	--	--	--	Library
0845	0.00	--	0	0.002	--	--	--	--	--	Room #15
0849	0.00	--	0	0.003	--	--	--	--	--	SE Corner of Playground
0852	0.00	--	0	0.003	--	--	--	--	--	SW Corner of Playground

Weather Conditions: Cool, Clear Wind Speed: 0 mph Wind Direction: NW Temperature: 51 ° 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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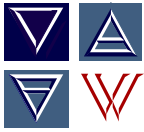
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0900	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	Teacher's Lounge
0954	0.00	--	0	0.005	--	--	--	--	--	Lunch Pavilion
0958	0.00	--	0	0.002	--	--	--	--	--	Inside Room 33
1001	0.00	--	0	0.003	--	--	--	--	--	Inside Room 31
1003	0.00	--	0	0.002	--	--	--	--	--	Inside room 36
1007	0.00	--	0	0.005	--	--	--	--	--	SE Corner of Playground
1010	0.00	--	0	0.004	--	--	--	--	--	SW Corner of Playground
1014	0.00	0.00	0	0.003	ND	ND	ND	ND	ND	Library
1123	0.00	--	0	0.005	--	--	--	--	--	Auditorium
1127	0.00	--	0	0.005	--	--	--	--	--	Kindergarten Playground
1129	0.00	--	0	0.003	ND	ND	ND	ND	ND	Inside K1

Weather Conditions: Partly Cloudy, Cool Wind Speed: 0-7 mph Wind Direction: E Temperature: 68 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1152	0.00	--	0	0.004	--	--	--	--	--	Inside K2
1320	0.00	--	0	0.004	--	--	--	--	--	Library
1322	0.00	--	0	0.003	--	--	--	--	--	Inside K3
1333	0.00	--	0	0.004	--	--	--	--	--	Inside K4
1344	0.00	--	0	0.003	--	--	--	--	--	Hall by Room 5
1346	0.00	--	0	0.002	--	--	--	--	--	Inside Room 15
1348	0.00	--	0	0.006	ND	ND	ND	ND	ND	Lunch Pavilion

Weather Conditions: Raining, cool Wind Speed: 0-5mph Wind Direction: SW Temperature: 66 °F

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