

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 01/22/16 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

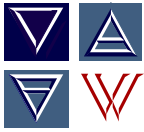
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
0709	0.00	--	0	0.003	--	--	--	--	Main Office Area
0712	0.00	--	0	0.004	--	--	--	--	Main Entry
0714	0.00	--	0	0.005	--	--	--	--	Auditorium
0716	0.00	--	0	0.005	--	--	--	--	Teacher's Lounge
0814	0.00	--	0	0.003	--	--	--	--	Library
0819	0.00	--	0	0.004	--	--	--	--	Hallway @ Room #6
0821	0.00	--	0	0.005	--	--	--	--	Lunch area
0823	0.00	--	0	0.005	--	--	--	--	Inside Room #21
1013	0.00	--	0	0.006	ND	ND	ND	ND	Auditorium
1033	0.00	0.00	0	0.005	--	--	--	--	Techer's Lounge
1039	0.00	--	0	0.006	ND	ND	ND	ND	Library

Weather Conditions: Clear Wind Speed: 0 mph Wind Direction: WSW Temperature: 48 ° 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 and Ethylbenzene. %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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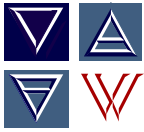
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1101	0.00	--	0	0.002	--	--	--	--	Inside Bungalow #35
1103	0.00	--	0	0.004	--	--	--	--	Inside Bungalow #36
1106	0.00	--	0	0.005	--	--	--	--	SE Corner of Playground
1110	0.00	0.00	0	0.005	ND	ND	ND	ND	SW Corner of Playground
1236	0.00	--	0	0.004	--	--	--	--	Kindergarten Playground
1239	0.00	--	0	0.004	--	--	--	--	Library
1242	0.00	--	0	0.004	--	--	--	--	Lunch Area
1244	0.00	--	0	0.003	--	--	--	--	South Hall @ Room #16
1247	0.00	--	0	0.003	--	--	--	--	Inside Bungalow #31
1252	0.00	--	0	0.005	--	--	--	--	SE Corner of Playground
1255	0.00	--	0	0.005	--	--	--	--	Playground Equipment

Weather Conditions: Partly Cloudy Wind Speed: 2 mph Wind Direction: WSW Temperature: 75 ° 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 and Ethylbenzene. %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.

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1300	0.00	--	0	0.005	ND	ND	ND	ND	NW Parking Lot
1342	0.00	--	0	0.004	--	--	--	--	Auditorium
1347	0.00	--	0	0.005	--	--	--	--	Teacher's Lounge
1349	0.00	--	0	0.005	--	--	--	--	Lunch Area
1351	0.00	--	0	0.003	--	--	--	--	Library
1403	0.00	--	0	0.003	--	--	--	--	Nurse's Office
							--	--	
							--	--	
							--	--	
							--	--	

Weather Conditions: Partly Cloudy Wind Speed: 2-5 mph Wind Direction: SW Temperature: 75 ° F

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