



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 01/20/16 PAGE 1 of 4
 LOCATION: Beckford Avenue 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)	
0658	0.00	--	0	0.000	--	--	--	--	Main Office Area
0715	0.00	--	0	0.000	ND	ND	ND	ND	Lower Lab
0740	0.00	--	0	0.002	--	--	--	--	Kindergarten Playground
0744	0.00	--	0	0.001	--	--	--	--	SE Corner of Playground
0746	0.00	0.00	0	0.001	--	--	--	--	SW Corner of Playground
0820	0.00	0.00	0	0.000	--	--	--	--	Auditorium
0822	0.00	--	0	0.001	--	--	--	--	Quad Area by Flag
0824	0.00	--	0	0.001	--	--	--	--	Upper Lab
0826	0.00	--	0	0.002	--	--	--	--	Lower Lab
0828	0.00	--	0	0.002	--	--	--	--	Outside between Upper and Lower Building
0835	0.00	--	0	0.001	--	--	--	--	Main Office Area

Weather Conditions: Cloudy Wind Speed: 0 mph Wind Direction: East Temperature: 54 ° 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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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

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 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

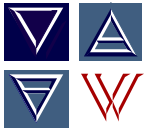
TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
0934	0.00	0.00	0	0.002	--	--	--	--	Main Office Area
0945	0.00	0.00	0	0.001	ND	ND	ND	ND	Quad Area by Flag
1004	0.00	0.00	0	0.001	--	--	--	--	Quad Area by Flag
1015	0.00	--	0	0.001	--	--	--	--	Lunch Pavilion
1020	0.00	--	0	0.001	--	--	--	--	SW corner of Playground
1030	--	--	--	--	ND	ND	ND	ND	North Parking Lot
1113	0.00	--	0	0.005	--	--	--	--	Auditorium
1119	0.00	--	0	0.001	--	--	--	--	Upper Lab
1121	0.00	--	0	0.001	--	--	--	--	Lower Lab
1124	0.00	--	0	0.001	--	--	--	--	Kindergarten Playground
1200	0.00	--	0	0.001	ND	ND	ND	ND	Upper Lab

Weather Conditions: Partly Cloudy Wind Speed: 0 mph Wind Direction: East Temperature: 57 ° 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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0945 – Natural Gas Odor is Noticeable around the property



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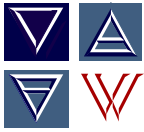
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1251	0.00	--	0	0.001	--	--	--	--	Inside Room #17
1257	0.00	--	0	0.001	--	--	--	--	SE Corner of Playground
1305	0.00	--	0	0.001	--	--	--	--	SW Corner of Playground
1308	0.00	--	0	0.001	--	--	--	--	Lunch Pavilion
1310	0.00	--	0	0.002	--	--	--	--	Auditorium
1312	0.00	--	0	0.001	--	--	--	--	Quad Area
1314	0.00	--	0	0.001	--	--	--	--	Upper Lab
1316	0.00	--	0	0.002	--	--	--	--	Lower Lab
1357	0.00	--	0	0.003	--	--	--	--	Library
1359	0.00	--	0	0.001	--	--	--	--	Lower Lab
1402	0.00	--	0	0.001	--	--	--	--	Inside Bungalow #21

Weather Conditions: Partly Cloudy Wind Speed: 1 mph Wind Direction: SE Temperature: 66 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1405	0.00	--	0	0.000	--	--	--	--	YMCA Bungalow
1410	0.00	--	0	0.002	--	--	--	--	SE Corner of Playground
1412	0.00	--	0	0.002	--	--	--	--	SW Corner of Playground
1415	0.00	--	0	0.002	--	--	--	--	Lunch Pavilion
1427	0.00	--	0	0.001	--	--	--	--	Quad Area

Weather Conditions: Partly Cloudy Wind Speed: 0-3 mph Wind Direction: SSE Temperature: 66 ° F

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