



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/27/16 PAGE 1 of 2
 LOCATION: Knollwood 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)	
0706	0.00	0.00	0	0.002	ND	ND	ND	ND	ND	Center of Playground
0730	0.00	--	0	0.002	--	--	--	--	--	Main Office
0810	0.00	--	0	0.002	--	--	--	--	--	Inside Rm #17
0813	0.00	--	0	0.002	--	--	--	--	--	1 st Floor Hall
0815	0.00	--	0	0.002	--	--	--	--	--	2 nd Floor Hall
0818	0.00	--	0	0.003	--	--	--	--	--	Kinder Playground
0952	0.00	--	0	0.002	--	--	--	--	--	Main Office
1003	0.00	--	0	0.003	--	--	--	--	--	Lunch Pavilion
1005	0.00	--	0	0.002	--	--	--	--	--	Multi-Purpose
1008	0.00	--	0	0.002	--	--	--	--	--	Inside Rm #6
1010	0.00	--	0	0.002	--	--	--	--	--	Inside Rm #4

Weather Conditions: Partly Cloudy Wind Speed: 8-15 mph Wind Direction: WSW Temperature: 62 ° 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 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)	
1012	0.00	0.00	0	0.001	ND	ND	ND	ND	ND	Library
1110	0.00	--	0	0.004	--	--	--	--	--	NE Corner Playground
1115	0.00	--	0	0.003	ND	ND	ND	ND	ND	1 st Fl Hall @ Rm 17
1136	0.00	--	0	0.004	--	--	--	--	--	Kinder Playground
1139	0.00	--	0	0.002	--	--	--	--	--	Inside Rm
1250	0.00	--	0	0.004	ND	ND	ND	ND	ND	Kinder Playground
1321	0.00	--	0	0.003	--	--	--	--	--	Multi Purpose
1327	0.00	--	0	0.002	--	--	--	--	--	Lunch Pavilion
1341	0.00	--	0	0.003	--	--	--	--	--	Library

Weather Conditions: Partly Cloudy Wind Speed: 7-15 mph Wind Direction: SW Temperature: 73 ° 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)**