

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/04/16 PAGE 1 of 3
 LOCATION: Topeka Drive Elementary School BY: Travis Dagdigian

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

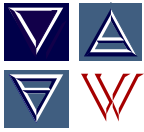
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
0715	0.00	--	0	0.002	--	--	--	--	--	Staff Lot
0725	0.00	--	0	0.004	--	--	--	--	--	Main office
0730	0.00	--	0	0.003	--	--	--	--	--	Nurse's Office
0740	0.00	--	0	0.003	--	--	--	--	--	Pavilion
0810	0.00	--	0	0.006	--	--	--	--	--	Playground
0817	0.00	--	0	0.006	--	--	--	--	--	Kindergarten Yard
0827	0.00	--	0	0.005	--	--	--	--	--	Auditorium
0846	0.00	--	0	0.004	--	--	--	--	--	Main Office
0855	0.00	--	0	0.004	--	--	--	--	--	Staff Lot
0905	0.00	0.0	0	0.005	ND	ND	ND	ND	ND	Staff Lot
0940	0.00	--	0	0.006	--	--	--	--	--	Cafeteria

Weather Conditions: Clear, windy Wind Speed: 6 mph Wind Direction: South Temperature: 55 ° 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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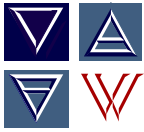
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0944	0.00	--	0	0.006	--	--	--	--	--	Multi-purpose
0954	0.00	--	0	0.004	--	--	--	--	--	Kindergarten
1017	0.00	--	0	0.006	--	--	--	--	--	Lunch Pavilion
1035	0.00	--	0	0.005	--	--	--	--	--	Cafeteria
1048	0.00	--	0	0.006	--	--	--	--	--	Main Office
1100	0.00	0.00	0	0.005	ND	ND	ND	ND	ND	Outside Library
1133	0.00	--	0	0.006	--	--	--	--	--	Lunch Pavilion
1155	0.00	--	0	0.005	ND	ND	ND	ND	ND	Auditorium
1229	0.00	--	0	0.007	--	--	--	--	--	Staff Lot
1300	0.00	--	0	0.006	--	--	--	--	--	Lunch Pavilion
1305	0.00	--	0	0.004	--	--	--	--	--	Main Office

Weather Conditions: Clear, windy Wind Speed: 11 mph Wind Direction: South Temperature: 57 °F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1310	0.00	--	0	0.006	--	--	--	--	--	Computer Lab
1313	0.00	--	0	0.002	ND	ND	ND	ND	ND	Library
1326	0.00	--	0	0.006	--	--	--	--	--	Kinder Playground
1336	0.00	--	0	0.004	--	--	--	--	--	Faculty Lounge

Weather Conditions: Clear, Windy Wind Speed: 7 mph Wind Direction: South Temperature: 67 ° F

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