



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/16/16 PAGE 1 of 3
 LOCATION: Darby Avenue Charter 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)	
0733	0.00	--	0	0.005	--	--	--	--	--	Staff Lot
0737	0.00	--	0	0.005	--	--	--	--	--	Teacher's Lounge
0740	0.00	--	0	0.004	--	--	--	--	--	Auditorium
0745	0.00	--	0	0.006	--	--	--	--	--	Playground (South)
0800	0.00	0.0	0	0.004	ND	ND	ND	ND	ND	Playground (North)
0829	0.00	--	0	0.004	--	--	--	--	--	Lunch Area
0833	0.00	--	0	0.004	--	--	--	--	--	Main Office
0838	0.00	--	0	0.003	--	--	--	--	--	Teacher's Lounge
0843	0.00	--	0	0.002	--	--	--	--	--	Cafeteria
0901	0.00	0.0	0	0.002	ND	ND	ND	ND	ND	Copy Room
0930	0.00	--	0	0.004	--	--	--	--	--	Auditorium

Weather Conditions: Clear, calm Wind Speed: 0 mph Wind Direction: W Temperature: 59 ° 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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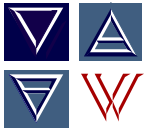
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0933	0.00	--	0	0.004	--	--	--	--	--	Teacher's Lounge
0950	0.00	--	0	0.002	--	--	--	--	--	Staff Lot
0958	0.00	--	0	0.002	ND	ND	ND	ND	ND	Teacher's Lounge
1038	0.00	--	0	0.004	--	--	--	--	--	Lunch Area
1044	0.00	--	0	0.002	--	--	--	--	--	Library
1048	0.00	--	0	0.005	--	--	--	--	--	Reading Garden
1052	0.00	--	0	0.004	--	--	--	--	--	Playground (South)
1058	0.00	--	0	0.001	--	--	--	--	--	Auditorium
1105	0.00	--	0	0.004	--	--	--	--	--	Staff Lot
1145	0.00	--	0	0.005	ND	ND	ND	ND	ND	Staff Lot
1207	0.00	--	0	0.002	--	--	--	--	--	Teacher's Lounge

Weather Conditions: Clear, Calm Wind Speed: 0 mph Wind Direction: SW Temperature: 79° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1227	0.00	--	0	0.002	--	--	--	--	--	Auditorium
1230	0.00	--	0	0.003	--	--	--	--	--	Staff Lounge
1234	0.00	--	0	0.002	--	--	--	--	--	Cafeteria
1245	0.00	--	0	0.002	--	--	--	--	--	Room 9
1249	0.00	--	0	0.002	--	--	--	--	--	Staff Lounge
1323	0.00	--	0	0.004	--	--	--	--	--	Auditorium
1330	0.00	--	0	0.003	--	--	--	--	--	Staff Lot

Weather Conditions: Clear, breezy Wind Speed: 5 mph Wind Direction: S Temperature: 82 ° F

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