

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 12/17/15 PAGE 1 of 3
 LOCATION: Porter Ranch Community 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

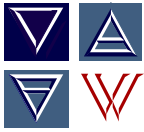
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
0637	0.0	0.00	0	0.000	--	--	--	--	Parking Lot
0712	0.0	0.00	0	0.000	--	--	--	--	Main Office
0719	0.0	--	0	0.000	--	--	--	--	Middle School Office
0721	0.0	--	0	0.002	--	--	--	--	Founders Park Area
0725	0.0	--	0	0.001	--	--	--	--	N.E. Corner of B.B. Courts
0735	0.0	0.00	0	0.000	ND	ND	ND	ND	E.S. Bldg. 2 nd Floor @ Elevator
0821	0.0	--	0	0.000	--	--	--	--	Gym
0834	0.0	--	0	0.000	--	--	--	--	M.S. Bldg. 1 st Fl East Stairs
0836	0.0	--	0	0.001	--	--	--	--	M.S. Office
0843	0.0	--	0	0.003	--	--	--	--	Lunch Area (Outside)
0851	0.0	--	0	0.003	--	--	--	--	Library

Weather Conditions: Clear, Breezy Wind Speed: 0-5 mph Wind Direction: SSW Temperature: 46 ° 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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 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

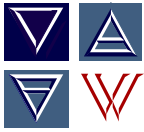
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1005	0.0	0.00	0	0.002	--	--	--	--	Multi Purpose Room
1008	0.0	--	0	0.003	--	--	--	--	E.S. 2 nd Floor @ North Stairs
1010	0.0	--	0	0.002	--	--	--	--	E.S. 2 nd Floor @ Elevator
1012	0.0	--	0	0.003	--	--	--	--	E.S. 2 nd Floor @ East Entrance
1014	0.0	--	0	0.003	--	--	--	--	Kinder Yard
1129	0.0	--	0	0.003	ND	ND	ND	ND	Founders Park Area
1133	0.0	--	0	0.003	--	--	--	--	N.E. Corner of BB Courts
1136	0.0	--	0	0.002	--	--	--	--	Gym
1140	0.0	--	0	0.003	--	--	--	--	Lunch Area (Outside)
1145	0.0	--	0	0.003	--	--	--	--	Multi purpose Room
1148	0.0	--	0	0.003	--	--	--	--	Corner of Mason and Sesnon

Weather Conditions: Clear, Breezy Wind Speed: 5 mph Wind Direction: NNW Temperature: 51 ° 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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TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1256	0.0	--	0	0.002	ND	ND	ND	ND	Middle School Office
1300	0.0	--	0	0.002	--	--	--	--	Founders Park Area
1305	0.0	--	0	0.001	--	--	--	--	Gym
1308	0.0	--	0	0.003	ND	ND	ND	ND	Main Office
1328	0.0	--	0	0.002	--	--	--	--	Asst. Principal (Rm 1-110)
1335	0.0	--	0	0.003	--	--	--	--	Library
1339	0.0	--	0	0.002	--	--	--	--	Lunch Area (Outside)
1344	0.0	--	0	0.003	--	--	--	--	Faculty Lounge

Weather Conditions: Clear Wind Speed: 0-5 mph Wind Direction: SSW Temperature: 58 °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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