

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/02/16 PAGE 1 of 3
 LOCATION: Granada Hills Charter High 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

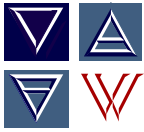
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
0805	0.00	--	0	0.005	--	--	--	--	--	By B1
0817	0.00	--	0	0.005	--	--	--	--	--	Bldg C – 2 nd Floor Hall
0822	0.00	--	0	0.006	--	--	--	--	--	West Basketball Courts
0824	0.00	--	0	0.005	--	--	--	--	--	East Basketball Courts
0830	0.00	0.00	0	0.005	ND	ND	ND	ND	ND	By C5
0851	0.00	--	0	0.003	--	--	--	--	--	Main office
0929	0.00	--	0	0.003	--	--	--	--	--	Admin Hall
0933	0.00	--	0	0.004	--	--	--	--	--	Counselors Office
0936	0.00	--	0	0.005	--	--	--	--	--	Lunch Area
0940	0.00	--	0	0.005	ND	ND	ND	ND	ND	Highlander Hall
1004	0.00	--	0	0.004	--	--	--	--	--	Middle of Quad

Weather Conditions: Clear, Cool Wind Speed: 0-5 mph Wind Direction: SSW Temperature: 48 ° 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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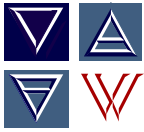
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1010	0.00	--	0	0.003	--	--	--	--	--	In Gym
1012	0.00	--	0	0.002	--	--	--	--	--	Little Gym
1017	0.00	--	0	0.005	--	--	--	--	--	Bldg 2 1 st Floor Hall
1021	0.00	--	0	0.004	--	--	--	--	--	By M9
1026	0.00	0.00	0	0.003	--	--	--	--	--	Softball Field
1028	0.00	--	0	0.005	--	--	--	--	--	Football Field
1120	0.00	--	0	0.003	--	--	--	--	--	By A10
1123	0.00	0.00	0	0.003	--	--	--	--	--	By F8
1128	0.00	--	0	0.004	ND	ND	ND	ND	ND	Bldg 2 nd Floor Hall
1148	0.00	--	0	0.003	--	--	--	--	--	By J14
1251	0.00	--	0	0.003	--	--	--	--	--	Main Office

Weather Conditions: Clear, Cool Wind Speed: 0-5 mph Wind Direction: SSW 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, 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 (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1258	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
1331	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	NE Corner of Quad

Weather Conditions: Clear Wind Speed: 0-10 mph Wind Direction: NW Temperature: 63 ° F

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