



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/03/16 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)	
0721	0.00	--	0	0.001	--	--	--	--	--	Bldg L 2 nd Floor Hall
0725	0.00	--	0	0.003	--	--	--	--	--	Bldg L 1 st Floor Hall
0728	0.00	--	0	0.001	--	--	--	--	--	Inside Rm J11
0730	0.00	0.00	0	0.003	--	--	--	--	--	By Student Store
0831	0.00	--	0	0.001	ND	ND	ND	ND	ND	Library
0852	0.00	--	0	0.001	--	--	--	--	--	Main Office
0858	0.00	--	0	0.001	--	--	--	--	--	Health Office
0900	0.00	0.00	0	0.002	--	--	--	--	--	Counseling Office
0905	0.00	--	0	0.003	--	--	--	--	--	Highlander Hall
0907	0.00	--	0	0.004	--	--	--	--	--	Lunch Area
0947	0.00	--	0	0.004	--	--	--	--	--	By A7

Weather Conditions: Clear, Cold Wind Speed: 0-8 mph Wind Direction: NNW 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, 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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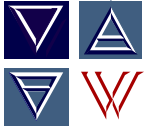
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0950	0.00	--	0	0.003	--	--	--	--	--	By C8
0952	0.00	--	0	0.005	--	--	--	--	--	East Basketball Courts
0955	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	South Football Field
1042	0.00	--	0	0.005	--	--	--	--	--	By F4
1139	0.00	--	0	0.003	--	--	--	--	--	North Quad
1141	0.00	--	0	0.004	--	--	--	--	--	By student Store
1147	0.00	--	0	0.002	--	--	--	--	--	Bldg L 2 nd Floor Hall
1152	0.00	--	0	0.004	--	--	--	--	--	Auto Shop
1154	0.00	--	0	0.004	--	--	--	--	--	By Ag Building
1250	0.00	0.00	0	0.003	ND	ND	ND	ND	ND	Staff Lounge
1327	0.00	--	0	0.003	ND	ND	ND	ND	ND	Main Gym

Weather Conditions: Clear, Windy Wind Speed: 5-15 mph Wind Direction: NNW Temperature: 57 °F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1356	0.00	--	0	0.001	--	--	--	--	--	Health Office
1358	0.00	--	0	0.001	--	--	--	--	--	Main Office
1402	0.00	--	0	0.004	--	--	--	--	--	Middle of Quad
1404	0.00	--	0	0.005	--	--	--	--	--	By G2
1408	0.00	--	0	0.003	--	--	--	--	--	By G7

Weather Conditions: Clear, Windy Wind Speed: 5-15 mph Wind Direction: NW Temperature: 61 ° F

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