



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/09/16 PAGE 1 of 3
 LOCATION: Chatsworth Park ES BY: Hayden Morey

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)	
0730	0.00	--	0	0.005	--	--	--	--	--	Outside Multipurpose Room
0735	0.00	--	0	0.007	--	--	--	--	--	Lunch tables
0737	0.00	--	0	0.007	--	--	--	--	--	Baseball backstop
0739	0.00	--	0	0.008	--	--	--	--	--	Hockey goals
0742	0.00	--	0	0.007	--	--	--	--	--	Outside Auditorium
0744	0.00	--	0	0.007	--	--	--	--	--	Outside Front Office
0804	0.00	0.00	0	0.001	ND	ND	ND	ND	ND	Outside Multipurpose Room
0906	0.00	--	0	0.006	--	--	--	--	--	Outside Room 14
0908	0.00	--	0	0.007	--	--	--	--	--	Lunch Tables
0912	0.00	--	0	0.007	--	--	--	--	--	Handball Court
0915	0.00	--	0	0.007	--	--	--	--	--	Hockey Area

Weather Conditions: Clear, slight wind Wind Speed: 4-5 mph Wind Direction: NE Temperature: 74.7 ° 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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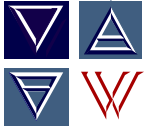
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0918	0.00	--	0	0.007	--	--	--	--	--	Auditorium
0920	0.00	--	0	0.008	--	--	--	--	--	Outside Office
0933	--	0.00	0	--	ND	ND	ND	ND	ND	Outside Nurse
1054	0.00	--	0	0.007	--	--	--	--	--	Outside Room 14
1056	0.00	--	0	0.007	--	--	--	--	--	Lunch Tables
1058	0.00	--	0	0.008	--	--	--	--	--	Handball Court
1101	0.00	--	0	0.007	--	--	--	--	--	Hockey Area
1103	0.00	--	0	0.009	--	--	--	--	--	Auditorium
1105	0.00	--	0	0.008	--	--	--	--	--	Outside Nurse
1112	0.00	0.00	0	0.007	ND	ND	ND	ND	ND	Lunch Tables
1226	0.00	--	0	0.007	--	--	--	--	--	Outside Room 14

Weather Conditions: Warm, slight breeze Wind Speed: 4-5 mph Wind Direction: NE Temperature: 77.9 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1230	0.00	--	0	0.008	--	--	--	--	--	Handball Court
1233	0.00	--	0	0.008	--	--	--	--	--	Hockey Area
1238	0.00	--	0	0.009	--	--	--	--	--	Auditorium
1243	0.00	--	0	0.007	--	--	--	--	--	Outside Nurse
1245	0.00	--	0	0.008	--	--	--	--	--	Outside Library
1324	0.00	0.00	--	--	ND	ND	ND	ND	ND	Outside Cafeteria
1357	0.00	--	0	0.007	--	--	--	--	--	Outside Library
1400	0.00	--	0	0.008	--	--	--	--	--	Lunch Tables
1402	0.00	--	0	0.008	--	--	--	--	--	Auditorium
1405	0.00	--	0	0.008	--	--	--	--	--	Outside Nurse
1408	0.00	--	0	0.004	--	--	--	--	--	Computer Lab

Weather Conditions: Clear/Windy Wind Speed: 10 mph Wind Direction: N Temperature: 84.5 ° F

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