

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 01/21/16 PAGE 1 of 3
 LOCATION: Superior Street Elementary School BY: Heather Fields

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

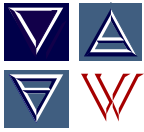
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
0730	0.00	--	0	0.000	--	--	--	--	Conference room – Main office
0732	0.00	--	0	0.000	--	--	--	--	Lunch Area
0739	0.00	--	0	0.000	--	--	--	--	Pavilion
0742	0.00	--	0	0.000	--	--	--	--	Plant Manager's Office
0755	0.00	--	0	0.000	--	--	--	--	S of Kindergarten Play Area
0836	0.00	--	0	0.000	--	--	--	--	SE Corner of Playground
0842	0.00	--	0	0.000	--	--	--	--	Outside YMCA Bldg
0845	0.00	--	0	0.000	--	--	--	--	Ball room
0920	0.00	0.00	0	0.003	ND	ND	ND	ND	Cafeteria
0950	0.00	--	0	0.003	--	--	--	--	Bicycle Yard
1000	0.00	--	0	0.003	--	--	--	--	Room #29

Weather Conditions: Partly Cloudy Wind Speed: 0 mph Wind Direction: S Temperature: 67 ° 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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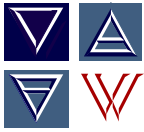
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1030	0.00	--	0	0.004	--	--	--	--	Front of School
1038	0.00	--	0	0.004	--	--	--	--	Outside library
1045	0.00	--	0	0.004	ND	ND	ND	ND	Pavilion
1105	0.00	--	0	0.002	--	--	--	--	Girls bathroom
1108	0.00	--	0	0.002	--	--	--	--	E Fenceline by V-ball courts
1130	0.00	--	0	0.002	--	--	--	--	S of room #27
1133	0.00	--	0	0.002	--	--	--	--	Outside Haz Mat bin
1136	0.00	--	0	0.002	--	--	--	--	Office supply Room
1218	0.00	--	0	0.003	--	--	--	--	Auditorium
1229	0.00	--	0	0.002	--	--	--	--	West Fenceline
1236	0.00	--	0	0.002	--	--	--	--	Room #19

Weather Conditions: Sunny Wind Speed: 0-1 mph Wind Direction: Variable Temperature: 75 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1245	0.00	--	0	0.003	ND	ND	ND	ND	Room #20
1258	0.00	--	0	0.003	--	--	--	--	Outside Computer Lab
1318	0.00	--	0	0.003	--	--	--	--	Janitor's Closet
1322	0.00	--	0	0.003	--	--	--	--	Outside room #25
1325	0.00	--	0	0.003	--	--	--	--	S. Fence – Playground
1331	0.00	0.00	0	0.003	ND	ND	ND	ND	Ball walls in playground
1357	0.00	--	0	0.003	--	--	--	--	Preschool Playground
1400	0.00	--	0	0.003	--	--	--	--	N of kindergarten playground
1402	0.00	--	0	0.003	--	--	--	--	Library
1410	0.00	--	0	0.003	--	--	--	--	Teacher Lounge

Weather Conditions: Sunny Wind Speed: 0-5 mph Wind Direction: N Temperature: 70 ° F

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