

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/17/16 PAGE 1 of 3
 LOCATION: Superior Street Elementary School BY: Travis Dagdigian

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

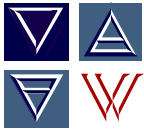
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
0726	0.00	--	0	0.002	--	--	--	--	--	Auditorium
0730	0.00	--	0	0.003	--	--	--	--	--	Teacher's Lounge
0743	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
0753	0.00	--	0	0.003	--	--	--	--	--	Kindergarten Playground
0807	0.00	--	0	0.005	--	--	--	--	--	Bungalows
0815	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
0820	0.00	--	0	0.004	--	--	--	--	--	Playground (South)
0831	0.00	--	0	0.003	--	--	--	--	--	Staff Supply Room
0840	0.00	--	0	0.004	--	--	--	--	--	Cafeteria
0903	0.00	0.0	0	0.005	ND	ND	ND	ND	ND	Staff Lot
0947	0.00	--	0	0.003	--	--	--	--	--	Auditorium

Weather Conditions: Cloudy, Breezy Wind Speed: 6 mph Wind Direction: E Temperature: 72 ° 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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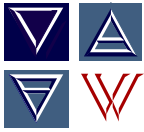
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TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0950	0.00	0.0	0	0.002	ND	ND	ND	ND	ND	Cafeteria Lounge
1021	0.00	--	0	0.006	--	--	--	--	--	Lunch Area Playground
1025	0.00	--	0	0.006	--	--	--	--	--	Kinder Yard
1037	0.00	--	0	0.007	--	--	--	--	--	Garden Courtyard
1053	0.00	--	0	0.005	ND	ND	ND	ND	ND	Cafeteria Supply
1158	0.00	--	0	0.007	--	--	--	--	--	Staff Lot
1203	0.00	--	0	0.006	--	--	--	--	--	Kinder Yard
1207	0.00	--	0	0.007	--	--	--	--	--	Lunch area
1210	0.00	--	0	0.007	--	--	--	--	--	Cafeteria
1215	0.00	--	0	0.006	--	--	--	--	--	Auditorium
1223	0.00	--	0	0.007	--	--	--	--	--	Main Office

Weather Conditions: Cloudy Wind Speed: 3 mph Wind Direction: SE Temperature: 71 °F

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INSTRUMENT: **Multi RAE**
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 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**
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1231	0.00	--	0	0.007	--	--	--	--	--	Lunch Area
1234	0.00	--	0	0.007	ND	ND	ND	ND	ND	Quad – Lunch Area
1303	0.00	--	0	0.006	--	--	--	--	--	Staff Lounge
1310	0.00	--	0	0.006	--	--	--	--	--	Playground
1321	0.00	--	0	0.003	--	--	--	--	--	Auditorium

Weather Conditions: Cloudy, Light Rain Wind Speed: 3 mph Wind Direction: E Temperature: 70 °F

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