



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/18/16 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)	
0733	0.00	--	0	0.007	--	--	--	--	--	Staff Lot
0737	0.00	--	0	0.007	--	--	--	--	--	Kinder Yard
0753	0.00	--	0	0.006	--	--	--	--	--	Lunch Area
0757	0.00	--	0	0.007	--	--	--	--	--	Cafeteria
0804	0.00	--	0	0.005	--	--	--	--	--	Auditorium
0817	0.00	--	0	0.006	--	--	--	--	--	Main Office
0830	0.00	--	0	0.007	--	--	--	--	--	Cafeteria Lounge
0835	0.00	--	0	0.005	--	--	--	--	--	Lunch Area Playground
0853	0.00	--	0	0.006	--	--	--	--	--	Kinder Yard
0905	0.00	0.0	0	0.007	ND	ND	ND	ND	ND	Courtyard Garden
0938	0.00	--	0	0.003	--	--	--	--	--	Supply Room

Weather Conditions: Light rain Wind Speed: 0 mph Wind Direction: E 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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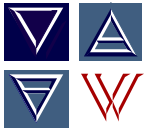
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0941	0.00	--	0	0.004	--	--	--	--	--	Auditorium
0945	0.00	--	0	0.006	--	--	--	--	--	Lunch Area
0950	0.00	--	0	0.006	--	--	--	--	--	Bungalow Room 17
0958	0.00	--	0	0.007	--	--	--	--	--	Staff Lot
1003	0.00	0.0	0	0.006	ND	ND	ND	ND	ND	Staff Lot
1205	0.00	--	0	0.007	ND	ND	ND	ND	ND	Main Office (West)
1238	0.00	--	0	0.005	--	--	--	--	--	Lunch Area
1243	0.00	--	0	0.006	--	--	--	--	--	Courtyard Garden
1248	0.00	--	0	0.006	--	--	--	--	--	Room 18 Bungalows
1250	0.00	--	0	0.006	--	--	--	--	--	Playground
1257	0.00	--	0	0.003	--	--	--	--	--	Staff Lounge

Weather Conditions: Cloudy, Breezy Wind Speed: 2 mph Wind Direction: SSE Temperature: 59 °F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1301	0.00	--	0	0.006	ND	ND	ND	ND	ND	Auditorium
1335	0.00	--	0	0.005	--	--	--	--	--	Kinder Playground
1341	0.00	--	0	0.006	--	--	--	--	--	Lunch Playground
1350	0.00	--	0	0.007	--	--	--	--	--	Courtyard

Weather Conditions: Clear Wind Speed: 0 mph Wind Direction: ESE Temperature: 59 °F

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