

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/28/16 PAGE 1 of 3
 LOCATION: El Oro Way 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

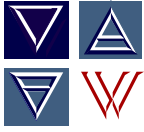
TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0720	0.00	--	0	0.004	--	--	--	--	--	Main Office
0735	0.00	--	0	0.004	--	--	--	--	--	Quad
0747	0.00	--	0	0.003	--	--	--	--	--	Staff Parking
0800	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	Parent Dining Hall
0820	0.00	--	0	0.003	--	--	--	--	--	Staff Parking
0829	0.00	--	0	0.003	--	--	--	--	--	Main Office
0835	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
0839	0.00	--	0	0.004	--	--	--	--	--	Playground
0850	0.00	--	0	0.005	--	--	--	--	--	Kindergarten
0900	0.00	--	0	0.005	ND	ND	ND	ND	ND	Staff Parking
0911	0.00	--	0	0.004	--	--	--	--	--	Main Office

Weather Conditions: Clear, Windy Wind Speed: 11 mph Wind Direction: NW Temperature: 59 ° 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)

0715 Jerome Monitor for Hydrogen Sulfide in regeneration mode, plugged into outlet until 0730



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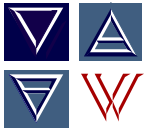
INSTRUMENT: Multi RAE
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 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0930	0.00	--	0	0.005	--	--	--	--	--	Staff Lot
0940	0.00	--	0	0.005	--	--	--	--	--	Main Office
1000	0.00	0.0	0	0.004	ND	ND	ND	ND	ND	Library
1032	0.00	--	0	0.004	--	--	--	--	--	Kinder
1040	0.00	--	0	0.003	--	--	--	--	--	Main Office
1055	0.00	--	0	0.005	--	--	--	--	--	Garden Playground
1130	0.00	--	0	0.004	--	--	--	--	--	Main Office
1133	0.00	--	0	0.004	--	--	--	--	--	Kindergarten
1140	0.00	--	0	0.004	--	--	--	--	--	PTA Room
1200	0.00	--	0	0.004	ND	ND	ND	ND	ND	Auditorium
1215	0.00	--	0	0.003	--	--	--	--	--	Staff Lot

Weather Conditions: Clear, Breezy Wind Speed: 5 mph Wind Direction: NW Temperature: 66 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1233	0.00	--	0	0.004	--	--	--	--	--	Main Office
1240	0.00	--	0	0.003	--	--	--	--	--	PTA Room
1255	0.00	--	0	0.004	--	--	--	--	--	Playground Garden
1310	0.00	--	0	0.003	--	--	--	--	--	Lunch Area
1315	0.00	--	0	0.003	--	--	--	--	--	Parent Dining
1340	0.00	--	0	0.003	--	--	--	--	--	Auditorium
1349	0.00	--	0	0.004	--	--	--	--	--	Staff Lot

Weather Conditions: Clear, breezy Wind Speed: 1 mph Wind Direction: SE 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)