



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District

DATE: 12/14/15

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LOCATION: Castlebay Lane Elementary School

BY: Mindy Jenkins

INSTRUMENT: **Ultra RAE 3000 Photo Ionization Detector** (New Equipment – Factory Calibrated , no field calibration required)

PID CALIBRATION VALUE (Isobutylene): N/A CALIBRATION READING: N/A

BENZENE SENSOR CALIBRATION VALUE: N/A CALIBRATION READING: N/A

INSTRUMENT: **Multi RAE** (New Equipment – Factory Calibrated , no field calibration required)

CALIBRATION VALUE: H2S N/A CO N/A LEL N/A O2 N/A

CALIBRATION READING: H2S N/A CO N/A LEL N/A O2 N/A

INSTRUMENT: **Jerome J631X Hydrogen Sulfide Analyzer**

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)	
0715	0.0	--	0	0.000	--	--	--	--	Front Parking Lot
0720	0.0	--	0	0.000	--	--	--	--	Office across from Rm 13
0726	0.0	--	0	0.000	--	--	--	--	Main Office
0736	0.0	--	0	0.000	--	--	--	--	Room #16
0738	0.0	--	0	0.001	--	--	--	--	Upstairs between bldgs.
0740	0.0	--	0	0.000	--	--	--	--	In front of Rm #10
0743	0.0	--	0	0.001	--	--	--	--	Upstairs outside west end of school
0745	0.0	--	0	0.000	--	--	--	--	Front of K4
0747	0.0	--	0	0.001	--	--	--	--	Inside library
0748	0.0	--	0	0.001	--	--	--	--	Lunch benches
0758	0.0	--	0	0.000	--	--	--	--	YMCA Classroom indoors

Weather Conditions: Cold & breezy Wind Speed: 5-10 mph Wind Direction: NW Temperature: 40 ° 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; **ND** = Not Detected; **ppmv** = parts per million by volume; **N/A** = Not Applicable; **--** = No Reading (no measurement taken at this time); **RM** = room



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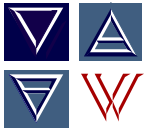
TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes				Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
0752	0.0	--	0	0.000	--	--	--	--	PAC Main Auditorium
0753	0.0	--	0	0.000	--	--	--	--	PAC stage behind sets
0755	0.0	--	0	0.000	--	--	--	--	Lunch benches under Canopy
0757	0.0	--	0	0.000	--	--	--	--	Playground
0758	0.0	--	0	0.000	--	--	--	--	Inside Science Room
0930	0.0	--	0	--	ND	ND	ND	ND	Upstairs outside west campus
1025	0.0	--	0	0.000	--	--	--	--	Middle of playground
1027	0.0	--	0	0.000	--	--	--	--	Front of Cafela
1030	0.0	--	0	0.000	--	--	--	--	Inside Library
1105	0.0	--	0	0.000	-ND-	ND	ND	ND	Inside library
1209	0.0	--	0	0.000	--	--	--	--	Class #10 Hallway

Weather Conditions: Cold & breezy Wind Speed: 10-11 mph Wind Direction: NW Temperature: 46 ° 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.

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PAC = Performing Arts Center



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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	
1211	0.0	--	0	0.000	--	--	--	--	Front of Room #20
1213	0.0	--	0	0.001	--	--	--	--	Handball courts
1216	0.0	--	0	0.000	--	--	--	--	Front of PAC
1220	0.0	--	0	0.000	--	--	--	--	In Janitorial Office
1302	0.0	--	0	0.000	--	--	--	--	Main Office
1400	0.0	--	0	0.000	--	--	--	--	PAC Inside
1402	0.0	--	0	0.001	--	--	--	--	Center of playground
1405	0.0	--	0	0.000	--	--	--	--	Outside computer room
1410	0.0	--	0	0.000	--	--	--	--	In front of Room #10
1412	0.0	--	0	0.000	ND	ND	ND	ND	In hall outside of Plant Manager Office

Weather Conditions: Cold & windy Wind Speed: 15-23 mph Wind Direction: NW Temperature: 49 ° 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.

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