



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/02/16 PAGE 1 of 3
 LOCATION: Andasol Avenue Elementary School BY: Mindy Jenkins

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)	
0803	0.00	--	0	0.003	--	--	--	--	--	Main office
0807	0.00	--	0	0.004	--	--	--	--	--	Outside Room 19
0810	0.00	--	0	0.005	--	--	--	--	--	Playground
0812	0.00	--	0	0.005	--	--	--	--	--	Outside Library
0825	--	0.00	0	--	ND	ND	ND	ND	ND	Supply Room
0845	0.00	--	0	0.005	--	--	--	--	--	Outside Room 18
0847	0.00	--	0	0.005	--	--	--	--	--	Outside Room 27
0850	0.00	--	0	0.006	--	--	--	--	--	Outside Room 21
0852	0.00	--	0	0.006	--	--	--	--	--	Auditorium
0942	0.00	--	0	0.004	--	--	--	--	--	Supply Room
0945	0.00	0.00	0	0.005	ND	ND	ND	ND	ND	Outside Room 3

Weather Conditions: Cool, clear Wind Speed: 0 mph Wind Direction: Still 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, 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)**



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/02/16 page 2 of 3
 LOCATION: Andasol Avenue Elementary School BY: Mindy Jenkins/Hayden Morey

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

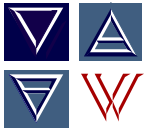
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
1030	0.00	--	0	0.004	--	--	--	--	--	Room 14
1045	--	--	0	0.004	--	--	--	--	--	Room 8
1047	--	--	0	0.005	--	--	--	--	--	Ball Room
1049	0.00	--	0	0.007	--	--	--	--	--	NE Playground
1052	0.00	--	0	0.006	--	--	--	--	--	Horticultural Plots
1055	0.00	--	0	0.007	--	--	--	--	--	Outside Room 22
1115	0.00	0.00	--	--	ND	ND	ND	ND	ND	Outside Room 26
1200	0.00	--	0	0.004	--	--	--	--	--	Boiler Room
1225	0.00	--	0	0.006	--	--	--	--	--	Outside Room 15
1231	0.00	--	0	0.006	--	--	--	--	--	Outside Room 27
1235	0.00	--	0	0.008	--	--	--	--	--	Back Playground

Weather Conditions: Cool, slight breeze Wind Speed: 0-5 mph Wind Direction: WSW Temperature: 55 ° 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)



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/02/16 PAGE 3 of 3
 LOCATION: Andasol Avenue Elementary School BY: Hayden Morey

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)	
1237	0.00	--	0	0.007	--	--	--	--	--	Handball Court
1240	0.00	--	0	0.008	--	--	--	--	--	Outside Room 5
1255	0.00	--	0	0.007	--	--	--	--	--	Main Office- Teacher's Room
1325	0.00	--	0	0.006	--	--	--	--	--	Room 13
1352	0.00	--	0	0.006	ND	ND	ND	ND	ND	Pavilion
1405	0.00	--	0	0.007	--	--	--	--	--	Staff Lot

Weather Conditions: Cool, Slight Breeze Wind Speed: 5-6 mph Wind Direction: WSW Temperature: 68 ° 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)