



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/28/16 PAGE 1 of 3
 LOCATION: Knollwood 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)	
0730	0.00	--	0	0.001	--	--	--	--	--	Lunch Area
0732	0.00	--	0	0.000	--	--	--	--	--	Near YMCA
0734	0.00	--	0	0.000	--	--	--	--	--	Outside Main Office
0800	0.00	--	0	0.003	--	--	--	--	--	SE Playground
0830	0.00	--	0	0.002	--	--	--	--	--	Upstairs
0833	0.00	--	0	0.003	--	--	--	--	--	Stairwell
0835	0.00	--	0	0.005	--	--	--	--	--	K. Playground
0838	0.00	--	0	0.003	--	--	--	--	--	Outside Rm 9
0840	0.00	--	0	0.004	--	--	--	--	--	Library
0846	0.00	--	0	0.005	--	--	--	--	--	Cafeteria/Kitchen
0848	0.00	--	0	0.003	--	--	--	--	--	Main Office

Weather Conditions: Cool, breezy Wind Speed: 6-10 mph Wind Direction: WNW Temperature: 50 ° 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)

K = Kindergarten



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/28/16 page 2 of 3
 LOCATION: Knollwood 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

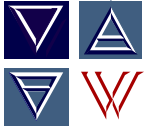
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0906	0.00	0.00	0	0.003	ND	ND	ND	ND	ND	Outside Room 9
1000	0.00	--	0	0.005	--	--	--	--	--	YMCA Outside
1004	0.00	--	0	0.004	--	--	--	--	--	Middle Playground
1008	0.00	--	0	0.005	--	--	--	--	--	Front of Library
1010	0.00	--	0	0.005	--	--	--	--	--	Lunch Area
1012	0.00	--	0	0.007	--	--	--	--	--	Kitchen inside
1014	0.00	--	0	0.004	--	--	--	--	--	Room #3 Inside
1025	--	0.00	--	--	ND	ND	ND	ND	ND	YMCA Outside
1050	0.00	--	0	0.003	--	--	--	--	--	Computer Lab
1053	0.00	--	0	0.003	--	--	--	--	--	Main Office
1100	0.00	--	0	0.005	--	--	--	--	--	Lunch Area

Weather Conditions: Cool, breezy, clear Wind Speed: 5-10 mph Wind Direction: WNW 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)**

RM = Room



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/28/16 PAGE 3 of 3
 LOCATION: Knollwood 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)	
1152	--	0.00	--	--	ND	ND	ND	ND	ND	Kindergarten Playground
1210	0.00	0.00	0	0.006	--	--	--	--	--	Kindergarten Playground
1215	0.00	--	0	0.006	--	--	--	--	--	Lunch Area
1218	0.00	--	0	0.007	--	--	--	--	--	Main Playground-Center
1222	0.00	--	0	0.004	--	--	--	--	--	Hall in front of Room #18
1224	0.00	--	0	0.003	--	--	--	--	--	Room #25
1230	0.00	--	0	0.003	--	--	--	--	--	Inside Library
132	0.00	--	0	0.005	--	--	--	--	--	Main Office
1245	--	0.00	--	--	ND	ND	ND	ND	ND	Lunch Area
1312	0.00	--	0	0.006	--	--	--	--	--	Room 12
1318	0.00	--	0	0.005	--	--	--	--	--	Cafeteria Front Room

Weather Conditions: Sunny, clear, breezy Wind Speed: 8 mph Wind Direction: WNW Temperature: 65° 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)