

## DIRECT READING AIR MONITORING LOG

JMEN	NT: <u>Ultra</u>		entary Scho	OI		BY: Trav	vis Dagdigia	11		
	VI: Ultra		AAA Dhata	Tanizatia	n Dotooto	•				
	CTION T					_	Fail (Conc	luct Calibratio	on)	
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										
IBRA'	TION RE	ADING:	H2S	ppmv	CO_	ppmv I	LEL %	O2	% IB ppmv	
JMEN	NT: <u>Jero</u>	me J631	X Hydroge	en Sulfide	Analyze	<u>r</u>				
N TES	ST:	Pass (N	No Calibrat	ion Requi	red)	☐ Fail (Re	turn to Man	ufacturer for (	Calibration)	
ATIO	N VALU	E: N/A	Factory Ca	librated	CALIE	BRATION RE	ADING: M	anufacturer C	alibration Only	
OCs	Benzene %	%	Hydrogen	Drager Tubes						
omv)	(ppmv)	LEL	(ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location	
.00		0	0.004						Main Office	
.00		0	0.004						Quad	
.00		0	0.003						Staff Parking	
.00	0.00	0	0.004	ND	ND	ND	ND	ND	Parent Dining Hall	
.00		0	0.003						Staff Parking	
.00		0	0.003						Main Office	
.00		0	0.003						Lunch Area	
.00		0	0.004						Playground	
.00		0	0.005	1					Kindergarten	
.00		0	0.005	ND	ND	ND	ND	ND	Staff Parking	
.00		0	0.004						Main Office	
Weather Conditions: Clear, Windy Wind Speed: 11 mph Wind Direction: NW Temperature: 59 ° F										
	N TES LLIBI BRA JMEN N TES ATIC CS mv) 000 000 000 000 000 000 000 000 000 0	N TEST:	N TEST:	Pass (No Calibration VALUE: H2S_BRATION READING: H2S_BRATION READING: H2S_BRATION READING: H2S_BRATION VALUE: Pass (No Calibration VALUE: N/A Factory Cal	Pass (No Calibration Required ILIBRATION VALUE: H2S	NTEST:	NTEST:   Pass (No Calibration Required)	TEST:   Pass (No Calibration Required)   Fail (Conduction Reduction VALUE:   H2S   ppmv   CO   ppmv   LEL   %	Pass (No Calibration Required)	

Comments: The <u>UltraRAE</u> 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



## DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/28/16 page 2 of 3											
LOCATION: El Oro Way Elementary School BY: Travis Dagdigian											
	INSTRUMENT: <u>Ultra RAE 3000 Photo Ionization Detector</u>										
BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)											
BENZ	BENZENE SENSOR CALIBRATION VALUE: <u>ppmv</u> CALIBRATION READING: <u>ppmv</u>										
	INSTRUMENT: Multi RAE  FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)										
	CALIBRATION VALUE: H2S ppmv CO ppmv LEL % O2 % IB ppmv										
C	CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv										
INS	INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer										
FUNC'	FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)										
CAL	CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only										
VOCs Benzene % Hydrogen Drager Tubes								s			
TIME	(ppmv)	(ppmv)	LEL	Sulfide (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location	
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	
Wea	Weather Conditions: Clear, Breezy Wind Speed: 5 mph Wind Direction: NW Temperature: 66 ° F										
Comments: Th	omments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an										
	ndicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene,										
•		•					not chemical spec		-		
onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.  11S - Hydrogen Sulfide: 02 - Oxygen: % - percent: CO - Carbon Monoxide: LEL - Lower Explosive Limit: IR - Isobutylene ND - Not Detected: npmy - 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: 1/28/16 PAGE 3 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)														
CALIBRATION VALUE: H2S ppmv CO ppmv LEL % O2 % IB ppmv														
C	CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv													
INS	INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer													
FUNCTION TEST:														
CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only														
TIME	VOCs Benzene % Hydrogen Drager Tubes													
TIME	(ppmv)	(ppmv)	LEL	Sulfide (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location				
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	310 0.00 0 0.003 Lunch Area													
1315										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,													
	Kylene, 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.													
		•		-		•	•			•				
-	12S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts													