

DIRECT READING AIR MONITORING LOG

						DATE: 2/08		AGE 1	of <u>3</u>	
	_							her Fields		_
				000 Photo			 ''	F 11 (G		
				Pass (N		•	´ —	•	duct Calibrati	·
				ΓΙΟΝ VAL	UE:	ppmv	CALIB	RATION R	EADING: _	ppmv
		NT: <u>Mul</u> ST:		(No Calibra	ation Requ	uired)		Fail (Condu	ıct Calibratio	n)
	CALIB	RATION	VALUE:	H2S	ppmv	CO	<u>ppmv</u> L	EL%	O2	% IB ppmv
	CALIBRA	TION RE	EADING:	H2S	ppmv	CO_	<u>ppmv</u> L	EL%	O2	% IB ppmv
INS	TRUME	NT: <u>Jero</u>	me J631	X Hydrog	en Sulfide	e Analyze	<u>er</u>			
FUNC	TION TE	ST:	Pass (I	No Calibrat	ion Requi	red)	☐ Fail (Ref	urn to Man	ufacturer for	Calibration)
CAL	IBRATIO	ON VALU	JE: N/A	Factory Ca	alibrated	CALIF	BRATION REA	DING: M	anufacturer C	Calibration Only
VOCs Benzene % Hydrogen Drager Tubes										
TIME	(ppmv)	(ppmv)	LEL	Sulfide (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location
0720	0.00		0	0.003						Main office
0725	0.00		0	0.003						Kindergarten yard
0728	0.00		0	0.003						Cafeteria Kitchen
0732	0.00	0.00	0	0.003	ND	ND	ND	ND	ND	Computer Lab
0810	0.00		0	0.004						Outside West of Room #2
0817	0.00		0	0.004						North End of Field
0820	0.00		0	0.004						Outside Room #22
0848	0.00		0	0.004						West of Auditorium
0936	0.00		0	0.004						Supply Room
0940	0.00		0	0.004						South of Room #21
0942	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	Outdoor Learning center
Weather C	onditions:	Windy, cle	ar	Wind Spe	ed: <u>10-15</u>	mph	Wind Direction:	NNE	To	emperature: 70 ° F
indicator of the	potential p	resence of m	ethane). Th	s used as an in	1X is used for	or measuring	Hydrogen Sulfide s not chemical spec	Drager tubes	are used for me	
		_		_	_	_	=	-		o a laboratory for analyses
per million by			_				_	лип , 1D – 180	outylene N D = 1	not Detected, ppinv – parts



DIRECT READING AIR MONITORING LOG

	CLIENT: Los Angeles Unified School District DATE: 2/08/16 page 2 of 3 LOCATION: Chatsworth Park ES BY: Heather Fields					of <u>3</u>				
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							% IB ppmv			
INS	INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer									
FUNCTION TEST: A Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)						Calibration)				
CAL	CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only						Calibration Only			
VOCa Panzana 0/ Hydrogen						Drager Tubes	3			
TIME	(ppmv)	(ppmv)	LEL	Sulfide (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location
1004	0.00		0	0.004						Baseball Diamond
1009	0.00		0	0.004						Multipurpose Room
1014	0.00		0	0.004						Library
1027	0.00		0	0.004				-		Science room
1030	0.00		0	0.004			-	-		Room #7
1032	0.00		0	0.004						Lunch Area
1057	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	Auditorium
1108	0.00		0	0.004						PM Office
1111	0.00	1	0	0.004				1		Computer Lab
1115	0.00		0	0.004				-1-		Staff Front Lot
1150	0.00		0	0.004						East of Room #26
Weather Co	Weather Conditions: Windy, clear Wind Speed: 10-15 mph Wind Direction: NNE Temperature: 76 ° F						emperature: 76 ° F			
ndicator of the	potential p	resence of m	ethane). Th	e Jerome J63	1X is used for	or measuring	Hydrogen Sulfide.	Drager tubes	are used for mea	VOCs and %LEL (used as an asuring Benzene, Toluene,
Cylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile 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.										
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 [2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = part										

per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)



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CLIENT: Los Angeles Unified School District DATE: 2/08/16 PAGE 3 of 3 LOCATION: Chatsworth Park ES BY: Heather Fields						
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						
CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv						
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer						
FUNCTION TEST: Pass (No Calibration Required)						
CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only						
TIME VOCs Benzene % Hydrogen Sulfide						
(ppmv) (ppmv) LEL (ppmv) Benzene (ppmv) Toluene (ppmv) (ppmv) Kylene (ppmv) Location						
1208 0.00 0 0.003 Main office						
1214 0.00 0 0.003 Outside Cafeteria						
1218 0.00 0 0.003 Room #25						
1226 0.00 0 0.003 Hallway of Main Buildin						
1325 0.00 0 0.003 Nurses Office						
1328 0.00 0 0.003 Lunch Area						
1332 0.00 0 0.003 Outside Boiler Room						
1334 0.00 0.00 0 0.003 ND ND ND ND ND ND NE Corner of Baseball Diamond						
1403 0.00 0 0.003 Computer Room						
1405 0.00 0 0.003 Quad						
1407 0.00 0 0.003 Plant Manager Office						
Weather Conditions: Windy Wind Speed: 10-15 mph Wind Direction: NNE Temperature: 78 ° 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 analysis of the compound of the compoun						
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)						