

DIRECT READING AIR MONITORING LOG

CLIENT:Los Angeles Unified School DistrictDATE:12/18/15LOCATION:Porter Ranch Community SchoolBY:Robert Pitze									PA tzer	GE	1	of	3
INSTRUMENT: Ultra RAE 3000 Photo Ionization Detector													
BENZENE FUNCTION TEST: A Pass (No Calibration Required) Fail (Conduct Calibration)													
BENZENE SENSOR CALIBRATION VALUE: ppmv CALIBRATION READING: ppmv													
INSTRUMENT: Multi RAE													
FUNCTION TEST: Pass (No Calibration Required) Image: Fail (Conduct Calibration)													
CALIBRATION VALUE: H2S ppmv CO ppmv LEL % O2 % IB ppmv													
CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppm												ppmv	
I	INSTRUMENT Jerome J631X Hydrogen Sulfide Analyzer												
FUNCTION TEST: Reas (No Calibration Required) Fail (Return to Manufacturer for Calibration)													
CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only													
	VOCs	Benzene	%	Hydrogen	Drager Tubes								
TIME	(ppmv)	(ppmv)	LEL	Sulfide (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)					
0713	0.0		0	0.001					MS Building 2 nd Floor East Stairs				Stairs
0715	0.0		0	0.000					Founders Park Area				
0718	0.0		0	0.000					NE Corner of BB courts				S
0720	0.0		0	0.000					Bungalo Room 34				
0751	0.0	0.00	0	0.000	ND	ND	ND	ND	Shuffleboard area				
0832	0.0		0	0.001					Main office				
0835	0.0		0	0.001					Kinder Yard				
0937	0.0		0	0.001					Main office				
0944	0.0	0.00	0	0.001					Middle School Office				
0949	0.0	0.00	0	0.001	ND	ND	ND	ND	MS Building 2nd Floor east stairs				
1001	0.0	0.00	0	0.002						Fou	nders Park	Area	
Weather	Conditions:	Clear, Bi	reezy	Wind	Speed:5-:	10 mph	Wind Direc	tion: NN	E	_	Tempe	rature:	54 ° 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; IB = Isobutylene ND = Not Detected; ppmv = parts per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)

MS = Middle School; NE = northeast; BB = Basketball



DIRECT READING AIR MONITORING LOG

	CLIENT	F: Los An	igeles U	nified Scho	ol Distric	t	DATE:	12/18/15 Dahart Di	PA	GE	2	of	3	
LO		N: Porter I	kanch C		School		BY: 1	Kobert Pi	tzer					
INSTRUMENT: <u>Ultra KAE 3000 Photo Ionization Detector</u>														
BENZENE FUNCTION IEST: Pass (No Calibration Required) BENZENE SENSOR CALIBRATION VALUE: DDBW CALIBRATION PEADING: DDBW														
BEL	NZENES	SENSOR (CALIBI	RATION V	ALUE:	ppi	<u>mv</u> CA	LIBRAI	TON RE	LADIN	NG:		ppmv	
FUN	CTION 7	IENT: <u>M</u> FEST:	\square P	<u>E</u> ass (No Cal	libration R	(equired)	C	Fail	(Conduc	t Calil	bration)			
CALIBRATION VALUE: H2S ppmv CO ppmv LEL % O2 % IB ppmv														
CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv														
IN	ISTRUM	IENT: <u>Je</u>	erome J	631X Hydi	rogen Sul	fide Analy	<u>yzer</u>							
FUN	CTION	FEST:	🛛 Pas	s (No Calil	oration Re	quired)	🗌 Fail	(Return	to Manu	facture	er for Ca	alibrat	ion)	
CA	LIBRAT	FION VAI	LUE: N	I/A Factory	v Calibrate	ed CA	LIBRATION	READIN	IG: Ma	nufact	urer Ca	librati	on Only	
TIME	VOCs	Benzene	%	Hydrogen	Drager Tubes									
TIME	(ppmv)	(ppmv)	LEL	(ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Location					
1103	0.0	0.00	0	0.000					Middle School Office				•	
1106	0.0	0.00	0	0.001					Lunch area (outside)					
1108	0.0	0.00	0	0.001					Library					
1110	0.0	0.00	0	0.000					Multi-Purpose Room					
1113	0.0	0.00	0	0.002	ND	ND	ND	ND		F	faculty Lo	unge		
1239	0.0	0.00	0	0.001					ES Building 1 st Floor north stairs					
1241	0.0	0.00	0	0.001					ES Building 1 st Floor at elevators					
1243	0.0	0.00	0	0.000					ES Building 2 nd Floor at elevators					
1246	0.0	0.00	0	0.000					Middle School Office					
1248	0.0		0	0.001					Founders Park Area					
1251	0.0		0	0.000					Gym					
Weather 0	Conditions:	Clear, Br	eezy	Wind	Speed: <u>11</u>	mph	Wind Direct	tion: <u>NN</u>	Е		Temp	perature	: <u>60 ° F</u>	

Comments: The <u>UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene</u>. The <u>MultiRae is used for measuring VOCs and %LEL (used as an indicator of the potential presence of methane)</u>. 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

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LC	CLIENT CATION	f: <u>Los An</u> I: Porter I	igeles U Ranch C	nified Scho community	ool District School	t	DATE:	12/18/15 Robert Pi	PA tzer	GE _	3	of _	3
II BEN BE	NSTRUM VZENE F	IENT: <u>UI</u> UNCTION SENSOR (ltra RA N TEST: CALIBF	<u>E 3000 Ph</u> : 🛛 Pass RATION V	oto Ioniza s (No Calil ALUE:	bration Dete	e <mark>ctor</mark> equired) my CA	☐ Fai LIBRAT	l (Condu ION RF	uct Cali EADIN(bration) G:	מ	omv
II FUN	NSTRUM	IENT: <u>M</u> FEST:	[ulti RA ⊠ Pa	<u>E</u> ass (No Ca	libration R	Required)] Fail ((Conduc	t Calibi	ration)	P	
	CAL	IBRATIO RATION I	N VALI READIÌ	UE: H2S	6 <u>pp</u> 6 <u>pp</u>	<u>mv</u> CO <u>mv</u> CO	ppmv ppmv	LEL	<u>%</u> %	O2 O2	% %	IB IB	ppmv ppmv
II FUN C4	NSTRUM ICTION 7 ALIBRAT	IENT: <u>Je</u> FEST: FION VAI	erome J N Pas LUE: N	631X Hyd is (No Calil V/A Factory	rogen Sul pration Re 7 Calibrate	fide Anal quired) ed CA	yzer Fail LIBRATION	(Return t READIN	to Manu IG: Ma	facturei nufactu	for Cal	ibratio bratior	n) 1 Only
TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Benzene (ppmv)	Drag Toluene (ppmv)	er Tubes Ethylbenzene (ppmv)	Xylene (ppmv)	Location				
1258	0.0		0	0.002					Main Office				
Weather	Condition			W/in 1	Speed:		Wind Diver	tion			Tomr -	rotura	٥F

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