

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/26/16 PAGE 1 of 3 LOCATION: Van Gogh Charter School BY: Travis Dagdigian 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) Fail (Conduct Calibration)												
CALIBRATION VALUE: H2Sppmv_COppmv_LEL%_O2%_IBppmv_												
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)											
CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only												
	VOCs (ppmv)			Hydrogen Sulfide (ppmv)		Drager Tubes						
TIME			% LEL		Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location		
0725	0.00		0	0.002						N. Main Office		
0737	0.00		0	0.002						Playground SE		
0750	0.00		0	0.002						Playground NW		
0800	0.00		0	0.002	ND	ND	ND	ND	ND	Kinder Playground		
0810	0.00		0	0.001						School Perimeter - Titan		
0815	0.00		0	0.002						School Perimeter – Van Gogh		
0835	0.00		0	0.002						Quad		
0840	0.00		0	0.001						N. Main Office		
0851	0.00	0.00	0	0.001						School Perimeter Van Gogh		
0945	0.00		0	0.003						N. Titan Avenue		
We	Weather Conditions: Clear/Windy Wind Speed: 8 mph Wind Direction: N Temperature: 56 ° 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)

0900 - Traveled to Robert Frost Middle School to confirm readings at that school. Returned to Van Gogh Charter at 0930.



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CALIBRATION READING: H2 ppmv C0 ppmv LEL % O2 % B ppmv NSTRUMENT: Errore JSJ Werogen Sulfid Fail Gaute % O2 % B ppmv CALIBRATION READING: Harden Sale Calibration Required Gaute Fail (Return to Manufacturer for Calibration Only CALIBRATION VALUE: NA Factory Calibration CALIBRATION READING: Marufacturer for Calibration Only TIME VOCs Benzene (ppmv) % Hydrogen (ppmv) Toluene (ppmv) Kylene (ppmv) Mcraptans 0957 0.00 0.00 0 0.002 ND ND ND ND Quad 1010 0.00 0 0.002 N.Playground 1015 0.00 0 0.002 N.Playground 1010 0.00 0 0.001 N.Playground 1015 0.00 0 0.001	INSTRUMENT: Multi RAE											
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(ppmv) (ppmv) LLL (ppmv) Benzee (ppmv) Toluene (ppmv) Ethylbenzene (ppmv) Xylene (ppmv) Mercaptans (ppmv) Location 0957 0.00 0.000 0 0.002 ND ND ND ND ND Quad 1010 0.00 0 0.003 N.Playground 1015 0.00 0 0.002 N.Playground 1027 0.00 0 0.002 SE Playground 1027 0.00 0 0.002 SE Playground 1055 0.00 0 0.001 N.Office Van Ogh 1110 0.00 0 0.003	TIME	VOCs	Benzene	%		Drager Tubes						
1010 0.00 0 0.003 N. Playground 1015 0.00 0 0.002 N. Playground 1027 0.00 0 0.002 SE Playground 1027 0.00 0 0.002 SE Playground 1027 0.00 0 0.002 SE Playground 1055 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.004 Additorium 1121 0.00 0 0.003 N. Main Titan Ave 1140 0.00 0 <t< td=""><td></td><td>(ppmv)</td><td>(ppmv)</td><td>LEL</td><td></td><td></td><td></td><td></td><td>-</td><td><u>^</u></td><td>Location</td></t<>		(ppmv)	(ppmv)	LEL					-	<u>^</u>	Location	
1015 0.00 0 0.002 SE Playground 1027 0.00 0 0.002 SE Playground 1027 0.00 0 0.002 Kinder Playground 1055 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 N. Main Titan Ave 1140 0.00 0 0.003 Quad 1154 0.00 0 0.003	0957	0.00	0.00	0	0.002	ND	ND	ND	ND	ND	Quad	
1027 0.00 0 0.002 Kinder Playground 1055 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 Auditorium 1121 0.00 0 0.003 N. Main Titan Ave 1140 0.00 0 0.003 Quad 1154 0.00 0 0.004 N. Main Office 1230 0.00 <	1010	0.00		0	0.003						N. Playground	
1055 0.00 0 0.001 N. Office Van Gogh Street 1110 0.00 0 0.001 Auditorium 1110 0.00 0 0.001 Auditorium 1121 0.00 0 0.004 N. Main Titan Ave 1140 0.00 0 0.003 School Perimeter - Van Gogh 1154 0.00 0 0.003 Quad 1230 0.00 0 0.004 N. Main Office 1230 0.00 0 0.004 N. Main Office	1015	0.00		0	0.002						SE Playground	
1033 0.00 1.1 0 0.001 1.1 <th1.1< t<="" td=""><td>1027</td><td>0.00</td><td></td><td>0</td><td>0.002</td><td></td><td></td><td></td><td></td><td></td><td>Kinder Playground</td></th1.1<>	1027	0.00		0	0.002						Kinder Playground	
1121 0.00 0 0.004 N. Main Titan Ave 1140 0.00 0 0.003 N. Main Titan Ave 1140 0.00 0 0.003 School Perimeter - Van Gogh 1154 0.00 0 0.003 Quad 1230 0.00 0 0.004 N. Main Office 1230 0.00 0 0.004 N. Main Office	1055	0.00		0	0.001							
1140 0.00 0 0.003 School Perimeter - Van Gogh 1154 0.00 0 0.003 Quad 1230 0.00 0 0.004 Quad 1230 0.00 0 0.004 N. Main Office 1230 0.00 0 0.004 N. Main Office	1110	0.00		0	0.001						Auditorium	
1140 0.00 0 0.003 Gogh 1154 0.00 0 0.003 Quad 1230 0.00 0 0.004 N. Main Office 1230 0.00 0 0.004 N. Main Office	1121	0.00		0	0.004						N. Main Titan Ave	
1230 0.00 0 0.004 N. Main Office	1140	0.00		0	0.003							
	1154	0.00		0	0.003						Quad	
Worther Canditional Class (Wind Snood, 11 mph Wind Direction N To a constant of the Canditional Class (Wind Snood, 11 mph Wind Direction N	1230	0.00		0	0.004						N. Main Office	
Weather Londstrong, Clear/Windy, Wind Vacady, Ll mark, Wind Disastian, M. T. (2001)												

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	(ppmv)				Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location	
1245	0.00		0	0.003	ND	ND	ND	ND	ND	Quad	
1330	0.00		0	0.003						Kinder Playground	
1345	0.00		0	0.003						Auditorium	
1355	0.00		0	0.003						Staff Lounge	
1357	0.00		0	0.004	ND	ND	ND	ND	ND	Perimeter Van Gogh Street	
Wea	ather Condi	tions:	Windy, Cle	ar Wi	ind Speed:	5mph	Wind Dir	ection: NN	W	Temperature: 71 ° F	

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