



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/09/16 PAGE 1 of 3
 LOCATION: Stoney Point HS/Chatsworth HS 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) 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)	
0736	0.00	--	0	0.006	--	--	--	--	--	Staff Lot
0745	0.00	--	0	0.006	--	--	--	--	--	Quad
0750	0.00	--	0	0.007	--	--	--	--	--	Main Admin
0800	0.00	--	0	0.006	--	--	--	--	--	Student care
0805	0.00	--	0	0.007	--	--	--	--	--	Hallway E
0810	0.00	--	0	0.007	--	--	--	--	--	Hallway C
0813	0.00	--	0	0.005	--	--	--	--	--	Hallway B
0830	0.00	--	0	0.007	--	--	--	--	--	Admin Building
0835	0.00	--	0	0.007	--	--	--	--	--	Hallway G
0839	0.00	--	0	0.006	--	--	--	--	--	Hallway J
0850	0.00	--	0	0.006	--	--	--	--	--	M109 (west)

Weather Conditions: Clear, calm Wind Speed: 0 mph Wind Direction: N Temperature: 70 ° 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)**



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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0905	0.00	0.00	0	0.005	ND	ND	ND	ND	ND	M109 West
0930	0.00	--	0	0.005	--	--	--	--	--	Handball Courts
0945	0.00	--	0	0.003	--	--	--	--	--	Stoney Campur
1003	0.00	--	0	0.003	--	--	--	--	--	T. Courtyard
1020	0.00	--	0	0.006	--	--	--	--	--	Hallway D
1025	0.00	--	0	0.005	--	--	--	--	--	Main Admin
1033	0.00	--	0	0.006	--	--	--	--	--	Hallway F
1038	0.00	--	0	0.007	--	--	--	--	--	Quad
1044	0.00	--	0	0.005	--	--	--	--	--	Hallway H
1100	0.00	0.00	0	0.006	ND	ND	ND	ND	ND	East Courtyard
1140	0.00	--	0	0.006	--	--	--	--	--	Plant Receiving

Weather Conditions: Clear Wind Speed: 3 mph Wind Direction: N Temperature: 80 ° F

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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1203	0.00	--	0	0.006	ND	ND	ND	ND	ND	Staff Lot
1245	0.00	--	0	0.007	--	--	--	--	--	Stoney Point (West)
1310	0.00	--	0	0.005	ND	ND	ND	ND	ND	Quad/Auditorium
1340	0.00	--	0	0.006	--	--	--	--	--	Flag/Admin
1350	0.00	--	0	0.007	--	--	--	--	--	Staff Lot

Weather Conditions: Clear, breezy Wind Speed: 5 mph Wind Direction: NW Temperature: 83 ° F

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