

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/27/16 PAGE 1 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) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

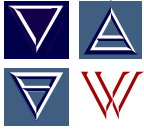
INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

| TIME | VOCs (ppmv) | Benzene (ppmv) | % LEL | Hydrogen Sulfide (ppmv) | Drager Tubes | | | | | Location |
|------|-------------|----------------|-------|-------------------------|----------------|----------------|---------------------|---------------|-------------------|--------------------|
| | | | | | Benzene (ppmv) | Toluene (ppmv) | Ethylbenzene (ppmv) | Xylene (ppmv) | Mercaptans (ppmv) | |
| 0715 | 0.00 | -- | 0 | -- | -- | -- | -- | -- | -- | Staff Lot |
| 0730 | 0.00 | -- | 0 | 0.002 | -- | -- | -- | -- | -- | West Campus |
| 0737 | 0.00 | -- | 0 | 0.003 | -- | -- | -- | -- | -- | Outside Auditorium |
| 0747 | 0.00 | -- | 0 | 0.003 | -- | -- | -- | -- | -- | Main Office |
| 0802 | 0.00 | -- | 0 | 0.002 | ND | ND | ND | ND | ND | PTA Room |
| 0815 | 0.00 | 0.00 | 0 | 0.002 | -- | -- | -- | -- | -- | East Campus |
| 0829 | 0.00 | -- | 0 | 0.002 | -- | -- | -- | -- | -- | Kinder Playground |
| 0850 | 0.00 | -- | 0 | 0.002 | -- | -- | -- | -- | -- | Staff Lot |
| 0905 | 0.00 | -- | 0 | 0.002 | -- | -- | -- | -- | -- | Playground |
| 0930 | 0.00 | -- | 0 | 0.001 | -- | -- | -- | -- | -- | Front of School |
| 0943 | 0.00 | -- | 0 | 0.004 | -- | -- | -- | -- | -- | Garden |

Weather Conditions: Windy, Clear Wind Speed: 5 mph Wind Direction: NNE Temperature: 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, 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: 1/27/16 page 2 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

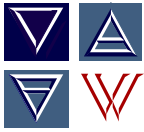
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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) | |
| 0955 | 0.00 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | West Campus |
| 1010 | 0.00 | 0.0 | 0 | 0.005 | ND | ND | ND | ND | ND | Playground |
| 1027 | 0.00 | 0.0 | 0 | 0.006 | ND | ND | ND | ND | ND | Main Office |
| 1055 | 0.00 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | Quad Center |
| 1113 | 0.00 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | Kindergarten |
| 1133 | 0.00 | -- | 0 | 0.003 | -- | -- | -- | -- | -- | Parking Staff |
| 1142 | 0.00 | -- | 0 | 0.003 | -- | -- | -- | -- | -- | Main Office |
| 1155 | 0.00 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | PM Office |
| 1203 | 0.00 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | Lunch Area |
| 1223 | 0.00 | -- | 0 | 0.006 | -- | -- | -- | -- | -- | Playground |
| 1240 | 0.00 | -- | 0 | 0.006 | -- | -- | -- | -- | -- | Parking Staff |

Weather Conditions: Clear, Windy Wind Speed: 9 mph Wind Direction: N Temperature: 62 ° 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)**



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 1/27/16 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) 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) | |
| 1310 | 0.0 | -- | 0 | 0.005 | ND | ND | ND | ND | ND | Quad Center |
| 1323 | 0.0 | -- | 0 | 0.006 | -- | -- | -- | -- | -- | Lunch Area |
| 1340 | 0.0 | -- | 0 | 0.005 | -- | -- | -- | -- | -- | Main Office |
| 1355 | 0.0 | -- | 0 | 0.006 | -- | -- | -- | -- | -- | Staff Parking |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Weather Conditions: Clear, Breeze Wind Speed: 5 mph Wind Direction: NNW Temperature: 68 ° 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)