

INSTRUMENT MONITORING RECORD

Richmond Fire Department Field Monitoring Log

BIOMAX ENVIRONMENTAL
 Environmental Consulting and Industrial Hygiene Services

775 San Pablo Ave., Pinole, CA 94564
 Cell: (831) 264-3414
 Phone: (510) 724-3100
 Fax: (510) 724-3145

Location / Incident Description :
 Point Richmond Community

Date: 6/14/11

Instrument: H₂S Monitor 631X

Model/Serial Number: Jerome631-X 2747

Calibration Method: Zero/Recal/Regen

Operator Name (Print): MA Pollock

Time/Date: 0840 on 6/14/11

Signature: *Michael A. Pollock*

Ambient clear / Mild 63-68°F / 50-56% RH

Time	Reading (ppm)	Wind/Dir	Observations / Location / Odors (+/-)
0835	0.000	NA	Fire Station 64 Equipment Room / P/U
0855	0.002		Ambient outside FS 64 (-)
0905	0.002	SW 0-5	Washington Elementary Parking Lot (-)
0915	0.002	SW 0-5	Washington Elementary Playground (-)
0920	.002	SW 0	Park Place / Downtown Point Richmond
0925	.002	SW 0-5	Mechanics Bank Sidewalk Area
0930	.001	SW 5-10	Corner Wine St / E Richmond Ave (+)
0934	.002	SW 5-10	331 E. Richmond Ave Residence (+)
0938	.002	SW 5-10	407 E. Richmond Ave Residence (+)
0942	.002/3	SW 5-10	S. End E. Richmond Ave. (+)
0947	.002	SW 5	55 Idaho St. Residence
0953	.002	SW 5	28 Montana St. Residence / 34 Montana St Res.
0959	.002	SW 0-5	226 E. Scenic Dr. Residence
1005	0.002	0	318 Washington Ave Residence
1010	0.002	0	479 W Richmond Ave Residence
1015	0.002	SW 0-5	225 Contra Costa Driveway
1021	0.001	SW 0-5	651 Ocean Ave Residence
1025	0.001	SW 0-5	841 Ocean Ave Residence
1030	0.001	SW 0-5	N. End Ocean Ave
1037	0.002	SW 0-5	Tewksbury @ Marine
1043	0.002	SW 0-5	Tewksbury @ Clarence
1048	0.003	SW 0-5	Tewksbury @ Castro
1053	0.002	SW 0-5	Mechanics Bank sidewalk
1059	0.002	SW 0-5	Washington Elementary Entry
1105	0.003	SW 0-5	681 Wart Street
1112	0.003	SW 5-10	Point Richmond Tech Park @ WWT/F fence (+)
1120	0.002	SW 5-10	PR Tech Park @ West Marine Business (+)

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Location / Incident Description :

- WWTF Operated by Veolia
- H₂S + LEL Monitoring
- Evaporation Tank Area

Date: 6/14/11 Ind. Sci. 090845B-002
LEL: IBRID MX6

Instrument: H₂S Monitor 631 X / LEL

Model/Serial Number: Jerome631-X

Calibration Method: Calibrate @ RFS 64

Operator Name (Print): M. A. Pollock

Time/Date: Am 6/14/11

Signature: *Michael A. Pollock*

(H₂S / %LEL)

Time	Reading (ppm)	Wind/Dir	Observations / Location / Odors (+/-)
1135	0.006 / 0%	SW 5-10	WWTF Main Parking Area (+)
1144	0.005 / 0%	SW 5-10	WWTF Main Gate (+)
1149	0.019 / 0%	SW 5-10	WWTF Office Entrance (++)
	0.016 / 0	SW 5-10	WWTF Loading Dock +
12:00	0.022 / 0	SW 5-10	WWTF Effluents Tank E Side (+)
	0.460 / 0	SW 5-10	WWTF E.T. West @ Truck pump (++)
	0.150 / 0	SW 5-10	WWTF E.T. West @ Truck pump (++)
	0.150 / 0	SW 5-10	WWTF E.T. Top N. Side (+)
1210	0.200 / 0	SW 5-10	WWTF ET @ Inflow grate (++)
	max 2.0 / 0	SW 5-10	WWTF ET @ outflow area (++)
	0.17 / 0	SW 5-10	WWTF ET @ S. Top (++)
	0.026 / 0	SW 5-10	WWTF Fenceline East @ Nursery (+)
	0.009 / 0	SW 5-10	WWTF @ Main Gate (+)
1225	0.002 / 0	SW 5-10	WWTF N/E corner fenceline
1230	0.003 / 0	SW 0-5	WWTF NW corner fenceline @ Tank 2 (+)
1235	0.1006 / 0	SW 0-5	Fence W @ Collections Bld (+)
1240	0.004 / 0	SW 0-5	WWTF @ Downwind of Air Basin (+)
1245	0.001 / 0	SW 0-5	WWTF Fenceline @ SW corner (-)
1250	0.002 / 0	SW 5-10	WWTF SE corner fenceline (+)
1255	0.002 / 0	SW 5-10	WWTF @ South Gate
1310	0.006	SW 5-10	Evaporation Pond Facility @ Main Entry (++)
1315	0.006	SW 10-15	West Tank 1 (+)
1320	0.006	↓	West Tank 2 (+)
1325	0.004		West Tank 3 (+)
1330	0.004		West Tank 4 (+)
1335	0.002		South Tank 4 (+) Upwind 4
1334	0.004		South Tank 3 (+) Upwind 3
1339	0.003		South Tank 2 (+) Upwind 2
1344	0.004		South Tank 1 (-) Upwind 1 site

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Location / Incident Description :

Evaporation Tanks
 Surrounding Businesses
 Surrounding Residences

Date: 6/14/11

Instrument: H₂S Monitor 631x

Model/Serial Number: Jerome631-X 2747

Calibration Method: *-same-*

Operator Name (Print): *MA Pollock*

Time/Date: *-same-*

Signature: *[Handwritten Signature]*

Time	Reading (ppm)	Wind/Dir	Observations / Location / Odors (+/-)
1349	0.005	SW 10-15	East Tank 1 + Dammond
1354	0.004	↓	East Tank 2 +
1359	0.004		East Tank 3 +
1405	0.003		East Tank 4 +
1410	0.004		North Tank 4 +
1414	0.004		North Tank 3 +
1419	0.006		North Tank 2 +
1423	0.006		North Tank 1 + Dammond site
1429	0.001	SW 5-10	Color Spot Business - upwind site (-)
1435	0.002	SW 5-10	Garden Tract Rd Maggie Bakery (-)
1441	0.002	SW 5-10	1880 GT Rd - Civic Center Auto (-)
1446	0.002	SW 5-10	508 De Carlo Ave - Firewood Co. (-)
1450	0.001	SW 5-10	506 De Carlo Ave - Pacific Tea Co. (-)
1459	0.002	SW 5-10	SE corner site - Action Metal Recycle (-)
1508	0.004	SW 5-10	21 Parr Blvd Cresco Site (+)
1513	0.003	SW 5-10	11 Parr Blvd Business Site (+)
1519	0.004	SW 5-10	Corner Parr Blvd / Richmond Pkwy + Taco Truck
1525	0.002	SW 5-10	2800 Goodrick Rd - Sunbelt Rentals Dammond (-)
1532	0.002	SW 5-10	Goodrick Rd Dahl Electric Co. (-)
1537	0.002	SW 5-10	Corner Giant Rd / Richmond Pkwy (-)
1546	0.002	SW 5-10	Richmond Road! Gun Club facility Dammond (-)
1556	0.002	SW 5-10	Entrance To Parkway Estates on Gertrude Ave (-)
1604	0.002	SW 5-10	Parkway Estates Martin Dr @ Ellison (-)
1612	0.001	SW 5-10	Parkway Estates 185 Lucy Ln Residence (-)
1618	0.002	SW 5-10	Parkway Estates 179 Marcus Dr (-)
1640	0.000	NA	Zero Calibration @ Fire Station 64 Regen Equipment

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Calibration Method: <i>-same-</i> Operator Name (Print): <i>MA Pollock</i> Time/Date: <i>-same-</i> Signature: <i>[Signature]</i>

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