Detected Metals Analytical Results in Soil - 2013 and 2015
9301 Rayo Avenue, South Gate, CA

Location	Field Sample ID	Sample Depth (feet)	Sample Date	Aluminum(mg/kg)	Antimony(mg/kg)	Arsenic(mg/kg)	Barium(mg/kg)	Beryllium(mg/kg)	Cadmium(mg/kg)	Calcium(mg/kg)	Chromium(mg/kg)	Chromium, Hexavalent(mg/kg)	Cobalt(mg/kg)	Copper(mg/kg)	Iron(mg/kg)	Lead(mg/kg)	Magnesium(mg/kg)	Manganese(mg/kg)	Mercury(mg/kg)	Nickel(mg/kg)	Potassium(mg/kg)	Selenium(mg/kg)	Silver(mg/kg)	Sodium(mg/kg)	Thallium(mg/kg)	Vanadium(mg/kg)	Zinc(mg/kg)
JW-SB/SG03	JW-SB/SG03-05	5	04/04/2013	13,100	<5.903115	2.6	108	0.36 J	0.55	6,930	18	--	8.7	15.9	23,000	4.4	6,180	337	0.03 J	10.9	3,470	<3.443483	<0.983852	<491.926212	<2.459631	43.4	50.2
	JW-SB/SG03-15	15	04/04/2013	27,700 J	0.85 J	4.8 J	227 J	0.83	0.92	14,000 J	33.8 J	--	16.3 J	45.4 J	37,900 J	9 J	14,000 J	488	0.1 J	23.8 J	5,590	<4.500099	<1.285743	1,490 J	<3.214357	67.6	93.1 J
	JW-SB/SG03-16	16 (dup)	04/04/2013	11,900	<6.35248	2.9	102	0.32 J	0.58	6,680	16.6	--	8.4	15.3	21,800	4.5	5,780	300	0.03 J	10.1	3,350	<3.705613	<1.058747	<529.373338	<2.646867	41.2	49.5
	JW-SB/SG03-25	25	04/04/2013	30,100	<6.986401	5.2	225	0.9	0.93	12,700	36.8	--	17.7	40.4	39,300	8.7	14,000	687	0.042 J	26.1	5,660	<4.0754	<1.1644	1,770	<2.911	66.2	94.9
	JW-SB/SG03-35	35	04/04/2013	7,650	<6.094222	6.4	75.9	0.2 J	0.45 J	43,900	9.7	--	5.4	8.7	14,600	1.9	4,710	224	0.097 J	5.8	2,340	<3.554963	<1.015704	<507.851847	<2.539259	27.5	31.8
JW-SB/SG04	JW-SB/SG04-05	5	04/04/2013	14,500	0.56 J	2.3	119	0.41 J	0.62	7,720	20.4	--	9.8	20	24,500	4.3	7,020	370	0.05 J	12.3	4,070	<3.214455	<0.918416	<459.207833	<2.296039	46.4	56.2
	JW-SB/SG04-15	15	04/04/2013	17,500	0.85 J	3.3	138	0.49 J	0.73	16,000	22.7	--	11.3	22.6	26,100	5	9,030	435	0.032 J	14.7	4,190	<3.789521	<1.08272	<541.360189	<2.706801	51.2	67.4
	JW-SB/SG04-25	25	04/04/2013	21,800	<5.976737	3.7	203	0.5	0.87	13,400	29.9	--	15.6	32.9	33,600	4.8	12,200	622	0.078 J	20.8	6,050	<3.48643	<0.996123	843	<2.490307	57.7	84.3
	JW-SB/SG04-35	35	04/04/2013	8,620	<5.87739	13.4	72.5	0.24 J	0.4 J	6,580	11.1	--	5.9	8.9	17,300	2.5	4,810	235	0.025 J	6.6	2,460	<3.428478	<0.979565	<489.7825	<2.448913	31.6	36.2
JW-SB/SG05	JW-SB/SG05-05	5	04/04/2013	17,700	0.92 J	2.7	138	0.5 J	0.74	8,800	26.5	--	11.5	25.4	28,200	5.4	8,320	458	0.052 J	15.4	4,810	<3.673828	<1.049665	<524.832557	<2.624163	52.6	68.2
	JW-SB/SG05-15	15	04/04/2013	22,300	<5.741108	2.8	170	0.69	0.74	13,400	27.4	--	12.5	29.1	31,400	7.3	9,780	371	0.076 J	17	4,340	<3.34898	<0.956851	641	<2.392128	61	72.8
	JW-SB/SG05-25	25	04/04/2013	30,200	<6.155018	6.5	252	0.71	1.1	28,200	35.9	--	19.3	46.3	44,400	6.9	14,200	801	0.03 J	24.3	5,970	<3.590427	<1.025836	2,500	<2.564591	73.1	88.6
	JW-SB/SG05-35	35	04/04/2013	10,100	0.65 J	11.4	95.5	0.27 J	0.41 J	5,160	12.3	--	7.1	10.7	18,700	2.1	5,690	269	0.031 J	7.8	3,180	<3.524682	<1.007052	<503.525991	<2.51763	38	44.1
JW-SB/SG06	JW-SB/SG06-05	5	04/04/2013	18,100	<5.195025	2.5	137	0.49	0.72	9,170	22.7	--	11.3	24	28,100	6.1	8,710	416	0.066 J	15	4,020	<3.030431	<0.865838	480	<2.164594	52.3	65.7
	JW-SB/SG06-06	6 (dup)	04/04/2013	17,800	<4.984979	3	145	0.49	0.71	9,780	22.7	--	11.6	24.8	28,000	5.5	8,730	419	0.048 J	15.2	3,950	<2.907904	<0.83083	485	<2.077074	53.1	66
	JW-SB/SG06-15	15	04/04/2013	17,800	1 J	2.5	152	0.49 J	0.67	7,960	22.1	--	11.4	25.4	26,900	4	8,960	348	0.053 J	14.9	4,860	<4.097895	<1.170827	2,160	<2.927068	51.8	68.8
	JW-SB/SG06-25	25	04/04/2013	23,200	<6.02576	3.8	214	0.62	0.85	12,400	32.3	--	16	30.8	35,700	5.9	13,100	484	0.073 J	22.7	6,080	<3.515027	<1.004293	1,930	<2.510733	60.3	89.2
	JW-SB/SG06-35	35	04/04/2013	8,640	<5.960237	9.5	87.1	0.24 J	0.38 J	4,650	10.2	--	6	9.2	16,700	1.9	5,010	236	0.019 J	6.7	2,610	<3.476805	<0.993373	<496.686406	<2.483432	30.5	37.5
JW-SB/SG20	JW-SB20-0.5	0.5	03/18/2015	10,700	<0.8	1.9	119	0.37 J	0.25 J	6,790	41.7	--	10.6	27.5	20,300	24.6	5,510	364	0.094 J	22.5	4,050	<2	0.041 J	302 J	0.17 J	32.8	81.3
	JW-SB20-2	2	03/18/2015	11,500	<0.82	1.6	118	0.33 J	0.15 J	6,330	14	--	10	15.3	20,400	5.3	5,920	327	0.044 J	11.2	4,220	<2	0.022 J	347 J	0.17 J	32	55.3
	JW-SB20-5	5	03/18/2015	12,100	<0.77	1.5	125	0.39	0.14 J	7,480	14.9	--	10.5	17.5	21,100	4.9	5,970	354	0.042 J	11.8	3,960	<1.9	0.023 J	421	0.18 J	34.6	59.8
	JW-SB20-15	15	03/18/2015	17,100	<0.87	1.8	182	0.64	0.27 J	13,300	22.1	--	13.9	29.2	26,300	6.2	8,410	475	0.059 J	17.3	5,040	<2.2	0.043 J	1,800	0.24 J	46.9	79.5
	JW-SB20-25	25	03/18/2015	18,700	<0.93	3	235	0.66	0.37 J	21,700	28.4	--	17.3	32.9	30,200	5.7	10,600	747	0.12	22.5	5,760	<2.3	0.052 J	1,700	0.3 J	64	92.8
	JW-SB20-35	35	03/18/2015	7,810	<0.77	8.1	83.9	0.21 J	0.077 J	5,990	8.3	--	7.5	9.2	16,400	2.1	4,420	235	0.049 J	6.9	2,790	<1.9	<0.38	326 J	0.12 J	21.4	36.3
JW-SB/SG21	JW-SB21-0.5	0.5	03/17/2015	10,100	<0.81	3.2	139	0.29 J	1.6	6,670	94.9	--	11.7	82.9 J	43,600	305	4,790	586	0.085 J	25.4	3,690	<2	0.2 J	354 J	0.15 J	29.8	480
	JW-SB21-2	2	03/17/2015	8,100	<0.75	0.9	84.5	0.2 J	0.11 J	5,510	14.4	--	6.8	11.8	16,700	5.6	4,310	227	0.032 J	8.3	3,390	<1.9	0.012 J	221 J	0.13 J	22.1	40.8
	JW-SB21-5	5	03/17/2015	18,800	<0.85	2.3	177	0.56	0.28 J	19,100	22.5	--	14.2	25.8	29,100	6	9,110	461	0.079 J	17.3	4,730	<2.1	0.042 J	668	0.26 J	46.7	76.8
	JW-SB21-6	6 (dup)	03/17/2015	18,100	<0.87	2.3	175	0.54	0.27 J	13,200	22.7	--	13.9	26.2	28,900	6	8,960	483	0.075 J	17.3	4,700	<2.2	0.04 J	619	0.26 J	46.8	76.4
	JW-SB21-15	15	03/17/2015	13,000	<0.87	1.3	142	0.42 J	0.15 J	7,200	18.2	--	11.6	18.8	21,600	4.6	6,770	339	0.043 J	13.2	4,440	<2.2	0.028 J	472	0.21 J	34.9	59.8
	JW-SB21-25	25	03/17/2015	18,900	<0.9	2.5	230	0.55	0.49	34,700	36	--	18	30.9	31,600	5.3	11,300	702	0.048 J	26.7	6,260	<2.3	0.044 J	1,920	0.3 J	55.7	88.4
	JW-SB21-35	35	03/17/2015	7,840	<0.73	6.5	77.6	0.23 J	0.074 J	3,890	8.6	--	8.7	10.1	15,100	2.1	4,360	222	0.065 J	6.9	2,590	<1.8	0.023 J	428	0.13 J	27	37.2
JW-SB/SG22	JW-SB22-0.5	0.5	03/18/2015	8,840	<0.74	1.3	99	<0.37	<0.37	5,210	13.1	--	7.1	13.8	16,500	30.1	5,070	265	0.046 J	9	3,550	0.076 J	<0.37	260 J	<0.37	26.4	72.2
	JW-SB22-2	2	03/18/2015	6,530	<0.74	0.73	69.4	<0.37	<0.37	3,930	7.6	--	4.9	6.9	13,200	2.2	3,740	188	0.022 J	5.9	2,470	0.023 J	<0.37	188 J	<0.37	19.4	32.6
	JW-SB22-5	5	03/18/2015	15,500	<0.83	2.2	161	0.54	<0.41	9,880	21.4	--	12.3	22.8	25,400	5.7	8,380	477	0.11	16.4	4,090	0.063 J	<0.41	538	<0.41	46.6	75.8
	JW-SB22-15	15	03/18/2015	16,600	<0.88	2.8	213	0.57	<0.44	6,870	24	--	13.2	22.9	27,200	5.3	9,190	403	0.052 J	17.7	5,150	0.24 J	<0.44	1,270	<0.44	52.6	80.7
	JW-SB22-25	25	03/18/2015	15,600	<0.83	2.6	177	0.51	<0.41	10,200	21.8	--	13.1	21.6	26,600	4.2	9,870	464	0.054 J	16.7	5,230	0.084 J	<0.41	1,400	<0.41	46.2	80.6
	JW-SB22-35	35	03/18/2015	8,440	<0.77	12	97.6	<0.39	<0.39	5,250	10.4	--	6.8	9.6	15,200	2.4	5,240	267	0.1	8.2	2,800	0.08 J	<0.39	465	<0.39	27.6	44.7

Detected Metals Analytical Results in Soil - 2013 and 2015
9301 Rayo Avenue, South Gate, CA

Location	Field Sample ID	Sample Depth (feet)	Sample Date	Aluminum(mg/kg)	Antimony(mg/kg)	Arsenic(mg/kg)	Barium(mg/kg)	Beryllium(mg/kg)	Cadmium(mg/kg)	Calcium(mg/kg)	Chromium(mg/kg)	Chromium, Hexavalent(mg/kg)	Cobalt(mg/kg)	Copper(mg/kg)	Iron(mg/kg)	Lead(mg/kg)	Magnesium(mg/kg)	Manganese(mg/kg)	Mercury(mg/kg)	Nickel(mg/kg)	Potassium(mg/kg)	Selenium(mg/kg)	Silver(mg/kg)	Sodium(mg/kg)	Thallium(mg/kg)	Vanadium(mg/kg)	Zinc(mg/kg)
JW-SB/SG23	JW-SB23-0.5	0.5	03/19/2015	11,700	<0.74	1.4	139	0.38	<0.37	7,260	23.5	--	9.9	16.9	21,400	8.7	6,870	336	0.027 J	13.5	4,660	0.093 J	<0.37	460	<0.37	35.8	106
	JW-SB23-2	2	03/19/2015	9,520	<0.73	1.2	106	<0.37	<0.37	5,140	12.6	--	7.4	12.9	17,100	9.4	5,610	275	0.039 J	9.8	4,170	0.069 J	<0.37	279 J	<0.37	29.2	59.1
	JW-SB23-5	5	03/19/2015	13,600	<0.78	1.8	142	0.47	<0.39	8,020	19	--	10.8	19.3	22,400	5.6 J	7,280	375	0.04 J	14.4	4,450	0.14 J	<0.39	483	<0.39	40.4	68.6
	JW-SB23-15	15	03/19/2015	6,320	<0.7	0.86	62.8	<0.35	<0.35	4,360	8.1	--	4.6	7.2	11,900	1.8	4,060	194	0.035 J	6	2,020	0.044 J	<0.35	403	<0.35	20.1	32.6
	JW-SB23-25	25	03/19/2015	18,200	<0.87	3.4	218	0.6	<0.43	16,400	26.8	--	14.7	31.3	29,900	6	10,700	594	0.038 J	21.3	5,360	0.29 J	<0.43	1,790	<0.43	54.4	87.8
	JW-SB23-35	35	03/19/2015	10,400	<0.73	11	103	<0.37	<0.37	4,830	11.9	--	7	10	18,600	2.5	6,320	276	0.037 J	9.3	3,530	0.038 J	<0.37	540	<0.37	28.1	47.8
	JW-SB23-36	35	03/19/2015	9,250	<0.78	10.4	98.1	<0.39	<0.39	4,390	11.4	--	6.4	10.3	17,000	2.5	5,510	253	0.046 J	8.7	3,040	0.054 J	<0.39	504	<0.39	27.5	42.4
JW-SB/SG24	JW-SB24-0.5	0.5	03/17/2015	11,200	<0.75	2.8	156	0.3 J	1.1	7,340	186	--	13.8	44.2	31,300	540	6,010	413	0.061 J	19.5	4,640	<1.9	0.16 J	441	0.15 J	34.5	578
	JW-SB24-2	2	03/17/2015	9,030	<0.75	1.7	121	0.28 J	0.56	5,640	19.5	--	9.2	21.5	17,600	76.1	4,820	307	0.053 J	12.9	3,870	<1.9	0.049 J	288 J	0.16 J	29.5	157
	JW-SB24-5	5	03/17/2015	9,670	<0.73	1.4	104	0.27 J	0.21 J	5,700	14.9	--	8.5	15.2	18,100	22.7	5,030	296	0.039 J	10.3	3,950	<1.8	0.034 J	314 J	0.16 J	27.8	73.8
	JW-SB24-15	15	03/17/2015	24,200	<0.93	3.4	198	0.88	0.18 J	13,900	29.4	--	16.8	38.3	34,800	9.6	10,800	490	0.15	22.2	5,160	<2.3	0.049 J	3,110	0.31 J	65.7	98.7
	JW-SB24-25	25	03/17/2015	18,000	<0.89	3.1	215	0.59	0.24 J	21,900	26.3	--	16.2	28.9	28,800	5.3	10,200	676	0.048 J	21	5,760	<2.2	0.058 J	1,610	0.3 J	55.3	89.5
	JW-SB24-26	26 (dup)	03/17/2015	19,200	<0.89	2.9	226	0.6	0.18 J	18,600	28.3	--	16.9	29	30,400	5.4	10,400	689	0.083 J	21.9	5,870	<2.2	0.031 J	1,670	0.32 J	57.8	96.5
	JW-SB24-35	35	03/17/2015	8,710	<0.79	12.7	90.7	0.28 J	0.052 J	6,200	11.1	--	8.8	10.2	17,100	2.6	5,050	294	0.038 J	8.9	2,920	<2	0.0081 J	517	0.15 J	27.8	45.7
JW-SB/SG25	JW-SB25-0.5	0.5	03/16/2015	12,000	<0.78	1.9	127	0.33 J	0.29 J	7,260	17.7	--	10.3	19	22,100	26.7	6,600	355	0.045 J	13.3	4,600	<2	<0.39	445	<0.39	34.5	91.5
	JW-SB25-2	2	03/16/2015	11,600	<0.8	1.7	134	0.35 J	0.42	5,880	23.1	--	11	22.2	22,300	52.2	6,400	352	0.73	13.3	4,650	<2	<0.4	305 J	<0.4	36.6	138
	JW-SB25-5	5	03/16/2015	12,900	<0.77	1.5	131 J	0.41	0.13 J	6,480	17.6 J	--	11.2	17.9	22,100 J	4.9 J	6,680	410	0.028 J	12.8	4,430	<1.9	<0.38	467	<0.38	38.1 J	65.4 J
	JW-SB25-15	15	03/16/2015	14,500	<0.76	1.1	103	0.34 J	0.17 J	7,820	13.9	--	8.6	15.9	23,600	3.6	7,680	233	0.027 J	10.8	3,800	<1.9	<0.38	1,490	<0.38	29.8	45.8
	JW-SB25-25	25	03/16/2015	18,000	<0.84	3.2	187	0.55	0.25 J	13,700	23.8	--	14.1	27.4	29,500	5.6	10,400	575	0.052 J	19	5,020	<2.1	<0.42	1,170	<0.42	49.4	80.5
	JW-SB25-35	35	03/16/2015	5,820	<0.79	9.9	75.8	0.22 J	0.036 J	2,850	13.9	--	6.5	8.5	11,300	2.1	3,400	232	0.048 J	8.7	1,770	<2	<0.39	293 J	<0.39	20.8	37.7
JW-SB/SG26	JW-SB26-0.5	0.5	03/16/2015	12,300	<0.79	3.4	143	0.36 J	0.5	13,500	36.7	--	10.5	25.4	22,800	71.8	6,570	377	0.044 J	15.7	3,560	<2	<0.4	312 J	<0.4	35	211
	JW-SB26-2	2	03/16/2015	12,300	<0.81	1.6	135	0.36 J	0.22 J	6,260	17.1	--	9.7	17.3	22,000	10.1	6,610	339	0.051 J	13.1	4,490	<2	<0.4	282 J	<0.4	35.1	70
	JW-SB26-5	5	03/16/2015	13,300	<0.81	1.5	126	0.4	0.15 J	6,880	16.2	--	9.7	16.6	21,900	4.5	6,540	360	0.027 J	12.1	4,390	<2	<0.4	495	<0.4	35.5	58.2
	JW-SB26-15	15	03/16/2015	9,540	<0.74	1.1	99.2	0.25 J	0.058 J	4,620	12.1	--	7.9	10.6	17,900	2.5	5,670	267	0.024 J	9.1	3,250	<1.8	<0.37	795	<0.37	28.6	46.2
	JW-SB26-16	16 (dup)	03/16/2015	8,410	<0.72	1.1	95.4	0.24 J	0.058 J	4,350	11.2	--	7.8	10.4	16,400	2.4	5,130	269	0.021 J	8.7	2,920	<1.8	<0.36	734	<0.36	28.1	45.9
	JW-SB26-25	25	03/16/2015	15,100	<0.87	3	203	0.49	0.21 J	11,700	23.4	--	13	25.3	24,800	5.2	8,730	440	0.087 J	18.2	4,500	<2.2	<0.43	769	<0.43	46.5	78.4
	JW-SB26-35	35	03/16/2015	9,040	<0.79	11.9	86.4	0.26 J	0.16 J	4,320	10.3	--	7.7	12.1	16,800	2.7	5,390	268	0.02 J	8.2	2,960	<2	<0.39	347 J	<0.39	33.6	43.6
Screening Criteria																											
RSL for Soil - Residential[1] (mg/kg)				7700	3.1	0.68	1500	16	NS	NS	12000	0.3	2.3	310	5500	400	NS	180	0.94	NS	NS	39	39	NS	NS	39	2300
RSL for Soil - Industrial [1] (mg/kg)				110000	47	3.0	22000	230	NS	NS	180000	6.3	35	4700	82000	800	NS	2600	4.0	NS	NS	580	580	NS	NS	580	35000

Exceeds industrial and residential screening level

Exceeds residential screening level

[1] Based on EPA regional screening levels for soil, hazard quotient = 0.1 (EPA, 2015).

J = concentration is estimated. Primary reason is because it falls between the method detection limit and the laboratory reporting limit.

mg/kg = milligram per kilogram

NS = no screening criteria