

PALOS VERDES LANDFILL  
REMEDIAL INVESTIGATION REPORT

APPENDIX A.3.1.3

GROUND WATER DATA OUTLIERS

PALOS VERDES LANDFILL DPRIR  
GROUNDWATER QUALITY DATA OUTLIERS  
1987 - 1992

SUBLOCATION L4

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ72510	ACETONE	230.0000 UG/L	28.1917	64.1005

SUBLOCATION L5

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ72511	ACETONE	230.0000 UG/L	22.4462	62.4229

SUBLOCATION M06A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ50320	OIL & GREASE	332.0000 MG/L	18.6750	73.8588
SJ70653	CHLOROFORM	230.0000 UG/L	21.3276	45.6826

SUBLOCATION M06B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ34698	CHLORIDE	9.3400 MG/L	998.3736	271.0719
SJ38525	METHYLENE CHLORIDE	1300.0000 UG/L	141.5310	282.7100
SJ30242	POTASSIUM	114.0000 MG/L	21.7280	20.5313

SUBLOCATION M07A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ50370	OIL & GREASE	734.0000 MG/L	40.1476	159.9909
SJ38652	BENZENE	990.0000 UG/L	254.5185	204.8236
SJ93610	ETHYL BENZENE	430.0000 UG/L	20.9074	82.0028
SJ03296	BARIUM	7.0300 MG/L	1.1342	1.4754
SJ57248	TOTAL CHROMIUM	1.9500 MG/L	0.4524	0.4925
SJ03296	TOTAL CHROMIUM	1.9500 MG/L	0.4524	0.4925
SJ57248	MERCURY	0.0008 MG/L	0.0001	0.0002
SJ03296	NICKEL	12.4000 MG/L	2.4262	2.7810

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SUBLOCATION M23A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ39796	SUSPENDED SOLIDS	70000.0000 MG/L	6348.6154	19147.8293
SJ13831	NITRATE NITROGEN	2.0800 MG/L	0.2500	0.4516
SJ39796	CALCIUM-HARDNESS	9481.0000 MG/L	1955.6667	1809.3719
SJ39796	MAGNESIUM-HARDNESS	11780.0000 MG/L	4074.4286	1909.5423
SJ39796	TOTAL CHROMIUM	5.3500 MG/L	0.5010	1.1456
SJ39796	COPPER	4.3000 MG/L	0.4229	1.0311
SJ39796	IRON	1580.0000 MG/L	250.0941	349.1791
SJ39796	LEAD	3.2000 MG/L	0.2840	0.7915
SJ39796	MANGANESE	26.3000 MG/L	13.2647	3.6579
SJ39796	MERCURY	0.0057 MG/L	0.0004	0.0012
SJ39796	NICKEL	7.3600 MG/L	2.1159	1.4986
SJ39796	POTASSIUM	333.0000 MG/L	37.8429	68.0387

SUBLOCATION M24A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ06998	TOTAL DISSOLVED SOLIDS	3810.0000 MG/L	7761.5652	928.1256
SJ52339	SULFATE	180.0000 MG/L	4099.1739	1217.8470
SJ97315	SULFATE	7770.0000 MG/L	4099.1739	1217.8470
SJ39797	1,1-DICHLOROETHENE	2.4000 UG/L	0.5159	0.4883
SJ10808	CALCIUM-HARDNESS	82.7000 MG/L	1338.2913	356.5518
SJ52339	SILVER	0.1000 MG/L	0.0224	0.0230

SUBLOCATION M25A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ52340	SILVER	0.1400 MG/L	0.0296	0.0341
SJ06999	SODIUM	464.0000 MG/L	215.5000	57.2744

SUBLOCATION M26A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ59739	SOLUBLE COD	236.0000 MG/L	22.9591	49.2931
SJ18981	MERCURY	0.0009 MG/L	0.0001	0.0002

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SUBLOCATION M30B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ40054	SUSPENDED SOLIDS	606.0000 MG/L	173.7308	135.6992
SJ75697	SOLUBLE COD	216.0000 MG/L	88.4600	30.6862
SJ40054	1,1-DICHLOROETHANE	4.0000 UG/L	0.4325	0.8427
SJ97473	ACETIC ACID	2.5000 MG/L	1.1154	0.4160
SJ40054	TRANS-1,2-DICHLOROETHYLEN	2.0000 UG/L	0.3250	0.4028
SJ40054	MAGNESIUM-HARDNESS	427.0000 MG/L	205.9500	56.7752
SJ40054	ARSENIC	0.0380 MG/L	0.0072	0.0079
SJ40054	IRON	40.7000 MG/L	12.7512	8.1318
SJ40054	MANGANESE	3.0500 MG/L	0.7241	0.7164
SJ40054	POTASSIUM	25.0000 MG/L	13.2450	3.3842

SUBLOCATION M32B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ39863	SUSPENDED SOLIDS	8430.0000 MG/L	1193.2308	2308.2218
SJ39863	TOTAL DISSOLVED SOLIDS	8940.0000 MG/L	1295.2857	1755.9359
SJ97474	ACETIC ACID	2.8000 MG/L	1.1385	0.4992
SJ39863	CALCIUM-HARDNESS	596.0000 MG/L	264.6190	87.0187
SJ39863	MAGNESIUM-HARDNESS	816.0000 MG/L	271.6667	134.2477
SJ39863	ARSENIC	0.1200 MG/L	0.0125	0.0261
SJ39863	BARIUM	4.0600 MG/L	0.5192	1.1181
SJ39863	COPPER	1.0000 MG/L	0.1000	0.2307
SJ39863	IRON	374.0000 MG/L	33.9961	86.9682
SJ39863	LEAD	1.0000 MG/L	0.0691	0.2136
SJ39863	MANGANESE	5.1600 MG/L	1.0450	1.0568
SJ39863	MERCURY	0.0023 MG/L	0.0002	0.0005
SJ39863	POTASSIUM	119.0000 MG/L	33.8476	20.2931
SJ39863	SELENIUM	0.1200 MG/L	0.0120	0.0274

SUBLOCATION M33B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ39915	CALCIUM-HARDNESS	321.0000 MG/L	135.0957	50.1490
SJ39915	MAGNESIUM-HARDNESS	564.0000 MG/L	304.0000	74.1209
SJ39915	BARIUM	1.4200 MG/L	0.2657	0.3555
SJ39915	MANGANESE	3.1400 MG/L	0.8079	0.6865
SJ97475	NICKEL	1.7200 MG/L	0.2484	0.3845
SJ39915	POTASSIUM	89.0000 MG/L	53.1652	10.5274

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SUBLOCATION M34B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ13344	NITRATE NITROGEN	2.2600 MG/L	0.1784	0.5030
SJ38097	SOLUBLE COD	129.0000 MG/L	25.8350	25.3881
SJ22175	COPPER	3.1000 MG/L	0.5506	0.7944
SJ22175	IRON	1070.0000 MG/L	191.0488	276.6474
SJ22175	MERCURY	0.0070 MG/L	0.0010	0.0017
SJ22175	POTASSIUM	331.0000 MG/L	57.8050	72.2326

SUBLOCATION M35B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ40086	SUSPENDED SOLIDS	543.0000 MG/L	86.1429	142.4402
SJ40086	NITRATE NITROGEN	4.3000 MG/L	0.4933	0.9180
SJ52648	SOLUBLE COD	403.0000 MG/L	53.6238	80.0833

SUBLOCATION M36A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ79256	SUSPENDED SOLIDS	5550.0000 MG/L	731.6923	1483.7187
SJ38338	TOTAL DISSOLVED SOLIDS	793.0000 MG/L	5557.2381	1177.2898
SJ79256	CADMIUM	0.1400 MG/L	0.0366	0.0343
SJ07110	TOLUENE	59.0000 UG/L	3.0452	12.8210
SJ07110	BENZENE	16.0000 UG/L	0.9881	3.4406
SJ07110	TOLUENE	59.0000 UG/L	3.0452	12.8210
SJ07110	ETHYL BENZENE	9.5000 UG/L	0.6786	2.0228
SJ79256	ACETONE	80.0000 UG/L	10.3125	18.6609
SJ79256	ARSENIC	0.1500 MG/L	0.0264	0.0323
SJ79256	CADMIUM	0.1400 MG/L	0.0366	0.0343
SJ79256	TOTAL CHROMIUM	0.8900 MG/L	0.1296	0.1897
SJ79256	COPPER	0.6800 MG/L	0.0939	0.1533
SJ79256	IRON	206.0000 MG/L	22.4708	47.8414
SJ79256	MANGANESE	2.7300 MG/L	1.3306	0.4322
SJ79256	MERCURY	0.0008 MG/L	0.0001	0.0002
SJ79256	NICKEL	0.9800 MG/L	0.3172	0.2099
SJ79256	POTASSIUM	54.0000 MG/L	16.7048	9.8205

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**SUBLOCATION M37A**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ07111	CHLORIDE	1150.0000 MG/L	488.5714	157.9290
SJ07111	BENZENE	89.0000 UG/L	4.7837	19.8244
SJ07111	ETHYL BENZENE	300.0000 UG/L	14.5667	65.4012

**SUBLOCATION M38A**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ92530	SULFATE	8220.0000 MG/L	1331.6000	1664.3458
SJ92530	ARSENIC	0.2500 MG/L	0.0411	0.0502
SJ92530	TOTAL CHROMIUM	40.6000 MG/L	2.8805	8.9284
SJ92530	COPPER	0.5400 MG/L	0.1094	0.1218
SJ92530	IRON	214.0000 MG/L	34.4900	49.2134

**SUBLOCATION M39A**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ13203	TOTAL DISSOLVED SOLIDS	4200.0000 MG/L	13029.4545	2391.9424
SJ92531	SULFATE	898.0000 MG/L	7917.2727	2101.1163

**SUBLOCATION M40A**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ06750	TOTAL DISSOLVED SOLIDS	6094.0000 MG/L	2997.8000	755.8297
SJ17704	NITRATE NITROGEN	3.4000 MG/L	0.2420	0.7456

**SUBLOCATION M41A**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ62663	CALCIUM-HARDNESS	1318.0000 MG/L	913.9000	113.3401
SJ62663	MAGNESIUM-HARDNESS	1255.0000 MG/L	973.1000	85.8419
SJ62663	IRON	162.0000 MG/L	28.7547	43.1779
SJ62663	MANGANESE	2.9500 MG/L	0.9647	0.6256
SJ62663	NICKEL	12.3000 MG/L	2.2735	3.2390

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SUBLOCATION M42A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ39986	SUSPENDED SOLIDS	914.0000 MG/L	249.3846	209.4642
SJ39986	POTASSIUM	13.0000 MG/L	6.8667	1.6954
SJ59583	NITRATE NITROGEN	0.2000 MG/L	25.9120	7.4222
SJ39986	IRON	39.3000 MG/L	10.6218	8.7850
SJ56472	CHLORIDE	620.0000 MG/L	1807.2000	354.5057
SJ17879	SOLUBLE BOD	10.0000 MG/L	1.3750	2.1452
SJ17879	SOLUBLE COD	316.0000 MG/L	53.5650	68.0776
SJ27874	TOTAL CHROMIUM	39.5000 MG/L	3.1044	8.4350
SJ39986	IRON	39.3000 MG/L	10.6218	8.7850
SJ39986	POTASSIUM	13.0000 MG/L	6.8667	1.6954

SUBLOCATION M43A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ22325	SULFATE	1660.0000 MG/L	5528.6364	1119.4186
SJ22325	SOLUBLE COD	196.0000 MG/L	502.1364	82.0594
SJ33119	1,2-DICHLOROETHANE	220.0000 UG/L	10.9102	46.7205
SJ39987	TOLUENE	13.0000 UG/L	1.6761	3.6073
SJ52644	IRON	142.0000 MG/L	47.0889	30.2552

SUBLOCATION M44A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ39988	SUSPENDED SOLIDS	1800.0000 MG/L	497.8462	433.0373
SJ22326	SULFATE	4920.0000 MG/L	2084.5000	720.2739
SJ39988	1,1,1-TRICHLOROETHANE	80.0000 UG/L	10.1500	18.4814
SJ92667	ACETIC ACID	2.3000 MG/L	1.1000	0.3606
SJ39988	IRON	86.0000 MG/L	17.7900	18.6037
SJ39988	MANGANESE	5.0400 MG/L	2.0624	0.7967

SUBLOCATION M45A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ56515	TOTAL DISSOLVED SOLIDS	2390.0000 MG/L	5147.4348	650.6759
SJ56515	SULFATE	867.0000 MG/L	2537.3478	478.7404
SJ56515	TETRACHLOROETHYLENE	3.2000 UG/L	0.4727	0.6264

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SUBLOCATION M45A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ56515	1,1-DICHLOROETHANE	9.9000 UG/L	0.7705	2.0451
SJ56515	1,2-DICHLOROETHANE	5.1000 UG/L	0.6182	1.0403
SJ56515	MAGNESIUM-HARDNESS	741.0000 MG/L	1834.7391	309.9996
SJ97815	SELENIUM	1.3800 MG/L	0.1698	0.2916

SUBLOCATION M46A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ56516	TOTAL DISSOLVED SOLIDS	5710.0000 MG/L	2408.1739	737.2654
SJ56516	SULFATE	2900.0000 MG/L	804.9130	465.1881
SJ75989	SOLUBLE COD	332.0000 MG/L	182.6957	46.3048
SJ62708	1,2-DICHLOROETHANE	5.0000 UG/L	1.3091	1.1194
SJ40056	TRANS-1,2-DICHLOROETHYLEN	5.0000 UG/L	0.7398	1.0908
SJ75989	ACETONE	250.0000 UG/L	25.8529	58.3933
SJ73285	CALCIUM-HARDNESS	5290.0000 MG/L	1220.2609	1011.4864
SJ73285	MAGNESIUM-HARDNESS	4250.0000 MG/L	997.7826	866.1645
SJ73285	ARSENIC	0.4400 MG/L	0.0719	0.0883
SJ73285	CADMIUM	0.4200 MG/L	0.0620	0.0866
SJ73285	TOTAL CHROMIUM	4.7000 MG/L	0.9323	0.9971
SJ73285	COPPER	2.3300 MG/L	0.3517	0.5673
SJ73285	IRON	481.0000 MG/L	89.1722	123.2486
SJ40056	LEAD	1.2000 MG/L	0.1013	0.2543
SJ73285	NICKEL	3.6000 MG/L	1.0733	0.7770
SJ73285	POTASSIUM	64.9000 MG/L	17.0174	14.0554
SJ73285	SELENIUM	0.2700 MG/L	0.0364	0.0633
SJ56516	SODIUM	348.0000 MG/L	175.6522	40.7326

SUBLOCATION M47B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ56573	TOTAL DISSOLVED SOLIDS	5210.0000 MG/L	1944.0952	814.9242
SJ98060	CHLORIDE	350.0000 MG/L	169.1476	55.8494
SJ34653	CALCIUM-HARDNESS	225.0000 MG/L	756.2381	145.1027
SJ40084	ARSENIC	0.0320 MG/L	0.0066	0.0076



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SUBLOCATION M48A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ62592	AMMONIA NITROGEN	1.6800 MG/L	0.1465	0.3959
SJ15214	NITRATE NITROGEN	8.0300 MG/L	0.9060	1.7386
SJ15214	CHLORIDE	670.0000 MG/L	354.7143	90.5462
SJ15214	SOLUBLE COD	233.0000 MG/L	53.6238	43.3101
SJ15214	OIL & GREASE	9.9000 MG/L	1.6353	2.4231
SJ15214	BARIIUM	1.5200 MG/L	0.1871	0.4212
SJ15214	CADMIUM	0.0900 MG/L	0.0283	0.0205
SJ15214	TOTAL CHROMIUM	0.5100 MG/L	0.1045	0.1038
SJ15214	MERCURY	0.0004 MG/L	0.0001	0.0001
SJ59688	POTASSIUM	69.0000 MG/L	10.5048	13.6922
SJ15214	SELENIUM	0.4800 MG/L	0.0843	0.1048
SJ15214	SODIUM	332.0000 MG/L	147.9524	59.5596

SUBLOCATION M49A

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ62937	ARSENIC	0.1800 MG/L	0.0311	0.0384
SJ62937	TOTAL CHROMIUM	2.9000 MG/L	0.5032	0.7469
SJ62937	COPPER	1.3500 MG/L	0.2317	0.3351
SJ62937	IRON	419.0000 MG/L	64.0078	101.6867
SJ62937	LEAD	1.1800 MG/L	0.1636	0.3339
SJ62937	POTASSIUM	54.0000 MG/L	13.4318	11.3450
SJ40057	SODIUM	179.0000 MG/L	497.0909	82.5832

SUBLOCATION M52B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ07286	SOLUBLE COD	512.0000 MG/L	50.2273	153.1960

SUBLOCATION M56B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ07029	SOLUBLE BOD	25.0000 MG/L	3.3636	7.1975
SJ07029	OIL & GREASE	4.3000 MG/L	0.8455	1.1457
SJ15701	CHLORIDE	448.0000 MG/L	248.1818	66.4196

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SUBLOCATION M57B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ07220	SOLUBLE BOD	51.0000 MG/L	4.9583	14.5015
SJ07220	SOLUBLE COD	264.0000 MG/L	24.4583	75.4611
SJ07220	TOTAL ORGANIC CARBON	69.0000 MG/L	9.0383	19.3782

SUBLOCATION M61B

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ07221	SOLUBLE BOD	51.0000 MG/L	5.4167	14.3841
SJ07221	SOLUBLE COD	315.0000 MG/L	40.5000	86.5148

SUBLOCATION PV3

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ10194	1,1-DICHLOROETHENE	3.6000 UG/L	0.4520	0.5493
SJ24710	CHLOROFORM	8.0000 UG/L	0.9743	1.8861
SJ38974	OIL & GREASE	33.0000 MG/L	2.6684	5.6171
SJ40165	SOLUBLE BOD	42.0000 MG/L	2.9459	6.8086
SJ51641	TOTAL CHROMIUM	6.6300 MG/L	0.7354	1.1743
SJ54287	CHLOROFORM	8.8000 UG/L	0.9743	1.8861

SUBLOCATION P4

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ12519	CONDUCTIVITY	795.0000 UMHOS/CM	7176.7123	1522.9773
SJ27287	CONDUCTIVITY	15400.0000 UMHOS/CM	7176.7123	1522.9773
SJ75656	POTASSIUM	219.0000 MG/L	26.7174	24.0407
SJ51682	PROPIONIC ACID	26.0000 MG/L	2.1143	2.9893
SJ03239	SODIUM	200.0000 MG/L	483.4795	88.8668
SJ75656	POTASSIUM	218.0000 MG/L	26.7174	24.0407

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**SUBLOCATION P4-6**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ23403	HEXAVALENT CHROMIUM	1.2000 MG/L	0.1071	0.2623
SJ24162	TOTAL PHOSPHATE	45.7000 MG/L	9.0514	8.9616
SJ24162	COPPER	0.3000 MG/L	0.1204	0.0566
SJ24162	IRON	77.6000 MG/L	9.1996	14.9239
SJ24162	LEAD	0.7000 MG/L	0.1217	0.1525
SJ24711	NITRATE NITROGEN	48.0000 MG/L	7.0417	9.0350
SJ25616	CHLORIDE	2520.0000 MG/L	743.2069	358.7748
SJ30865	MERCURY	0.0010 MG/L	0.0002	0.0002
SJ54288	TOTAL DISSOLVED SOLIDS	1940.0000 MG/L	8145.1034	1464.0508

**SUBLOCATION P4-7**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ24164	ARSENIC	0.6640 MG/L	0.0910	0.1366
SJ51645	PROPIONIC ACID	45.0000 MG/L	3.6190	9.5065

**SUBLOCATION P4-8**

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ22561	SOLUBLE COD	62.0000 MG/L	346.0400	94.5000
SJ22561	PH	8.3500 PH	7.1714	0.3249
SJ22561	TOTAL DISSOLVED SOLIDS	2600.0000 MG/L	9440.2381	2021.5096
SJ22561	SULFATE	1000.0000 MG/L	3702.3810	737.7256
SJ22561	TOTAL HARDNESS	1790.0000 MG/L	5741.6190	1156.9663
SJ22561	CHLOROFORM	7.4000 UG/L	0.9167	1.5147
SJ22561	BROMODICHLOROMETHANE	12.0000 UG/L	1.1190	2.5070
SJ22561	DIBROMOCHLOROMETHANE	11.0000 UG/L	1.0714	2.2901
SJ22561	MAGNESIUM-HARDNESS	1054.0000 MG/L	3810.9524	786.0897
SJ22561	HEXAVALENT CHROMIUM	0.4000 MG/L	0.0432	0.0858
SJ22561	COPPER	0.4600 MG/L	0.1248	0.1080
SJ22561	MERCURY	0.0006 MG/L	0.0001	0.0001
SJ54290	OIL & GREASE	183.0000 MG/L	12.9333	39.8665

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SUBLOCATION P4-9

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ00200	TOTAL DISSOLVED SOLIDS	2023.0000 MG/L	6469.1905	1076.5894
SJ22562	CHLORIDE	374.0000 MG/L	500.8571	32.4966
SJ22562	TOTAL HARDNESS	2960.0000 MG/L	4142.2381	350.0731
SJ22562	BROMODICHLOROMETHANE	2.2000 UG/L	0.7476	0.4529
SJ22562	DIBROMOCHLOROMETHANE	2.2000 UG/L	0.7476	0.4529
SJ22562	POTASSIUM	29.0000 MG/L	10.2971	5.7903
SJ51662	PROPIONIC ACID	73.0000 MG/L	4.8571	15.6286
SJ75263	SOLUBLE BOD	13.0000 MG/L	1.8238	2.6838
SJ75263	SOLUBLE COD	792.0000 MG/L	454.4286	87.4972
SJ75263	TOTAL CHROMIUM	4.9200 MG/L	0.3952	1.0447
SJ75263	IRON	146.0000 MG/L	29.2143	38.3526
SJ75263	NICKEL	2.6000 MG/L	1.0124	0.4262

SUBLOCATION P410

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ22563	PH	9.2500 PH	7.0317	0.4886
SJ22563	CONDUCTIVITY	3315.0000 UMHOS/CM	6469.3103	740.6750
SJ22563	TOTAL DISSOLVED SOLIDS	2710.0000 MG/L	6584.6207	807.7509
SJ22563	AMMONIA NITROGEN	1.0000 MG/L	0.1781	0.2320
SJ22563	NITRATE NITROGEN	24.0000 MG/L	1.2279	4.6246
SJ22563	SULFATE	1830.0000 MG/L	3180.4138	395.2928
SJ22563	CHLORIDE	282.0000 MG/L	523.5172	54.5099
SJ22563	TOTAL PHOSPHATE	611.0000 MG/L	44.3110	132.2039
SJ22563	SOLUBLE COD	96.0000 MG/L	330.0690	49.3073
SJ22563	TANNIN & LIGNIN	10.7000 MG/L	3.5071	2.3169
SJ22563	TRICHLOROETHYLENE	1.8000 UG/L	19.6828	5.3696
SJ22563	1,2-DICHLOROETHANE	15.0000 UG/L	100.4483	28.1217
SJ22563	CALCIUM-HARDNESS	5645.0000 MG/L	1822.9655	749.2180
SJ22563	ARSENIC	0.6750 MG/L	0.0433	0.1230
SJ22563	TOTAL CHROMIUM	5.7200 MG/L	0.3922	1.0527
SJ22563	HEXAVALENT CHROMIUM	1.0400 MG/L	0.0664	0.2037
SJ22563	COPPER	3.4800 MG/L	0.2952	0.6784
SJ22563	IRON	1150.0000 MG/L	66.3036	228.2398
SJ22563	MERCURY	0.0026 MG/L	0.0002	0.0005
SJ22563	NICKEL	3.8200 MG/L	1.1112	0.6726
SJ22563	POTASSIUM	164.0000 MG/L	14.8386	29.3567
SJ22563	SODIUM	303.0000 MG/L	433.3793	38.6490
SJ24180	MAGNESIUM-HARDNESS	1239.0000 MG/L	2486.0000	358.8854
SJ24180	SELENIUM	0.1860 MG/L	0.0344	0.0383
SJ39062	VINYL CHLORIDE	330.0000 UG/L	85.2414	59.7319
SJ51663	PROPIONIC ACID	66.0000 MG/L	4.5238	14.1027

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JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ24181	POTASSIUM	96.0000 MG/L	20.8193	20.0111
SJ24181	SELENIUM	0.0710 MG/L	0.0175	0.0151
SJ25647	SODIUM	226.0000 MG/L	455.1429	65.9911
SJ28223	TOTAL PHOSPHATE	45.0000 MG/L	14.3429	10.1518
SJ28223	TANNIN & LIGNIN	17.6000 MG/L	5.8857	3.6478
SJ28223	TRICHLOROETHYLENE	10.0000 UG/L	4.1571	1.6738
SJ28223	CALCIUM-HARDNESS	3154.0000 MG/L	1762.1429	447.5808
SJ28223	TOTAL CHROMIUM	0.7600 MG/L	0.2152	0.1734
SJ51664	1,1-DICHLOROETHENE	11.0000 UG/L	1.1786	2.2819
SJ51664	PROPIONIC ACID	55.0000 MG/L	3.9286	11.7199
SJ54344	NITRATE NITROGEN	5.0000 MG/L	0.4153	1.0846
SJ54344	COPPER	0.2000 MG/L	0.0436	0.0426

SUBLOCATION P412

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ22564	AMMONIA NITROGEN	0.5000 MG/L	0.0905	0.1044
SJ22564	MANGANESE	0.7800 MG/L	7.6957	1.8372
SJ28224	TOTAL PHOSPHATE	35.0000 MG/L	10.4590	6.7788
SJ28224	MAGNESIUM-HARDNESS	247.0000 MG/L	2169.6667	605.9991
SJ28224	IRON	95.6000 MG/L	26.6686	20.8725
SJ77932	TOTAL DISSOLVED SOLIDS	9465.0000 MG/L	6475.3810	887.1015
SJ91152	ACETIC ACID	4.4000 MG/L	1.5190	0.9261

SUBLOCATION S7

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ02411	TOTAL PHOSPHATE	159.0000 MG/L	10.5587	15.4120
SJ05147	TOTAL CYANIDE	1.0000 MG/L	0.0282	0.0956
SJ20064	LEAD	3.6000 MG/L	0.1205	0.3634
SJ20834	BROMODICHLOROMETHANE	880.0000 UG/L	20.8065	129.5141
SJ20834	DIBROMOCHLOROMETHANE	670.0000 UG/L	15.7391	98.6105
SJ20834	BROMOFORM	220.0000 UG/L	6.1467	32.2424
SJ20834	BROMOMETHANE	430.0000 UG/L	16.1932	63.8892
SJ20834	CHLOROETHANE	480.0000 UG/L	16.6818	71.5335
SJ20834	CHLOROMETHANE	1800.0000 UG/L	47.4545	270.3700
SJ20834	1,2-DICHLOROPROPANE	24.0000 UG/L	1.4946	3.4410
SJ20834	MERCURY	0.0008 MG/L	0.0001	0.0001
SJ28032	ACETIC ACID	1300.0000 MG/L	56.7923	147.2676

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SUBLOCATION S7

JOB	CONSTITUENT	RESULT	MEAN	STANDARD DEVIATION
SJ32727	SODIUM	2900.0000 MG/L	832.2520	375.1287
SJ33033	OP'-DDE	0.7700 UG/L	0.0204	0.0817
SJ33033	PP'-DDE	2.8000 UG/L	0.0774	0.2938
SJ33033	AROCLOR 1242	30.0000 UG/L	0.8760	3.0305
SJ33033	TICH	34.9000 UG/L	1.1460	3.8380
SJ52780	PH	5.2000 PH	7.2832	0.3571
SJ92788	ACETONE	14000.0000 UG/L	1464.5455	3152.4684