

**PALOS VERDES LANDFILL  
REMEDIAL INVESTIGATION REPORT**

**APPENDIX A.3.1.1**

**ANALYTICAL DATA;  
GROUND WATER SAMPLES**

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ30241 01/09/87	WELL M06A SJ32681 04/09/87	WELL M06A SJ35101 07/08/87	WELL M06A SJ38524 10/22/87	WELL M06A SJ50320 01/13/88	WELL M06A SJ53683 04/13/88	WELL M06A SJ57221 07/19/88	WELL M06A SJ60619 10/13/88	WELL M06A SJ70653 01/19/89	WELL M06A SJ74194 04/26/89
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT					50.00	48.6	50.6	50.5	50.9	51.2
DEPTH TO BOTTOM	FT					59.00	59.0	59.0	59.0	58.9	59.0
PERCENT METHANE IN GAS	%CH4					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2					21	20	21	21	17	20
FIELD WATER TEMPERATURE	DEG C					21	20	21	20	19	19
FIELD PH	PH					6.80	6.68	6.58	6.50	6.4	6.60
FIELD CONDUCTIVITY	UMHOS/CM					9000	10000	10400	10000	10900	11000
FIELD DISSOLVED O2	MG/L					4.3	2.3	2.2	3.4	3.3	4.4
FIELD DISSOLVED CO2	MG/L					341.1	627	547	397.9	625	597
FIELD TOTAL ALKALINITY	MG/L					1524	1670	1730	1922	1702	1664
FIELD HYDROGEN SULFIDE	PPM					< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.1
<b>GENERAL</b>											
PH	PH	6.80	7.0	6.78	7.00	6.72	7.02	6.65	6.99	6.72	6.80
CONDUCTIVITY	UMHOS/CM	8900	7350	8650	9150	9000	9250	12100	9600	10300	8750
SUSPENDED SOLIDS	MG/L			5100	2970	1040	702	1480	5290	4880	4748
TOTAL DISSOLVED SOLIDS	MG/L	8580	8780	9190	9180	9140	10200	10600	11600	11400	11430
TOTAL HARDNESS	MG/L CAC03				7800	6660	9684	9410	13490	9780	9340
PHENOLS	MG/L C6H5OH				0.005	0.008	< 0.05	0.002	0.005	0.005	0.007
BORON	MG/L B				3.23	2.30	2.65	3.18	3.62	4.04	3.54
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	1.77	1.00	0.18	0.15	0.07	0.04	2.05	0.03	0.20	0.14
SULFATE	MG/L SO4	3432	3990	3750	4000	4110	4183	4640	4470	4470	4850
CHLORIDE	MG/L CL	1150	1300	1180	1070	1000	1170	1180 C	1170	1220	1317
TOTAL PHOSPHATE	MG/L PO4				2.2	5.8	16.4	29.3	68.6	79.1	25.4
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	3005	2040	2417	2979	2472	3703	3743	5329	3580	3620
MAGNESIUM-HARDNESS	MG/L CAC03	4157	3620	4359	4511	4132	5981	5670	8166	6200	5720
SODIUM	MG/L NA	682	670	711	715	634	762	695	729	771	761
POTASSIUM	MG/L K	33	6	30.7	22	17	38	39	49.9	20	25
IRON	MG/L FE	303	12.5	243	114	83.4 C	263	248	336	109	151
MANGANESE	MG/L MN	6.23	3.35	6.09	5.02	5.37 C	7.36	7.85	13.9	7.19	7.77
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N				< 0.1	< 0.1	< 0.1	0.7	0.1	< 0.1	< 0.1
SOLUBLE BOD	MG/L O	1.6	< 1.0 B	1.7 B	3.7 B	< 1.0 B	2.1	< 1	1.0	1	4
TOTAL COD	MG/L O				480	466	520	572	666	699	708

FOOTNOTES : A-INTERFERENCE B-AVERAGE C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-AVERAGE OF DUPS G-SAMPLE LOST H-ND = NONE DETECTED I-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		MO6A SJ30241 01/09/87	MO6A SJ32681 04/09/87	MO6A SJ35101 07/08/87	MO6A SJ38524 10/22/87	MO6A SJ50320 01/13/88	MO6A SJ53683 04/13/88	MO6A SJ57221 07/19/88	MO6A SJ60619 10/13/88	MO6A SJ70653 01/19/89	MO6A SJ74194 04/26/89
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	362	374	397	405	433	492	534	573	573	604
TANNIN & LIGNIN	MG/L				1.38	2.55	8.00	4.5	4.9	5.1	
OIL & GREASE	MG/L EXTRAC				18	332	< 1	< 1	6.2	2	< 1
ACETIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.2
PROPIONIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.26	0.022	0.27	0.14 C	0.195	0.43	0.44	0.44	0.20	0.08
BARIUM	MG/L BA	7.35	0.23	1.13		0.98 C	1.49	2.37	1.63	2.86	4.48
CADMIUM	MG/L CD			0.03	0.02	0.03 C	0.14	0.15	0.34	0.18	0.16
TOTAL CHROMIUM	MG/L CR	1.30	0.08	0.93	0.56	0.22 C	1.11	1.08	2.82	0.73	0.91
HEXAVALENT CHROMIUM	MG/L CR	< 0.1	< 0.02	< 0.10	< 0.10	< 0.10	< 0.02	< 0.10	< 0.10	< 0.10	< 0.02
COPPER	MG/L CU	1.44	0.08	0.96	0.22	0.29 C	2.16	2.65	6.13	1.57	1.92
LEAD	MG/L PB	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49 C	0.12	0.08	0.12	0.06	< 0.04
MERCURY	MG/L HG	.0004	<.0001	.0008	.0006	.0005	.0022	.0051	0.016	.0705	.0159
NICKEL	MG/L NI	1.30	0.45	1.38	0.88	0.87 C	2.12	2.18	4.80	2.07	2.03
SELENIUM	MG/L SE	< 0.20 A	0.030	<0.010	0.058 C	0.057	0.18	0.17	0.15	0.14	0.05
SILVER	MG/L AG			< 0.49		0.02 C	0.038	0.038	0.050	0.025	0.028
ZINC	MG/L ZN	1.28	0.12	1.14	0.58	0.38 C	1.19	1.23	2.33	0.79	0.91
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 10	300	< 1.0	< 1250	< 500	< 100	2.1	< 2.5	< 250	< 5.0
CHLOROFORM	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	230	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	25	< 2.5
CARBON TETRACHLORIDE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
1,1-DICHLOROETHENE	UG/L	1.0	< 10	1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
TRICHLOROETHYLENE	UG/L	14	20	18	40	< 10	23	23	26	50	18
TETRACHLOROETHYLENE	UG/L	2.0	< 10	1.4	< 25	< 10	< 10	1.2	< 2.5	< 25	< 2.5
BROMODICHLOROMETHANE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
BROMOFORM	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
CHLOROBENZENE	UG/L	140	450	470	< 25	860	710	740	830	700	920
VINYL CHLORIDE	UG/L	240	1700	1600	6600	5400	2400	1500	2500	4000	2100
O-DICHLOROETHENE	UG/L	< 5.0	< 50	1.1	< 125	< 50	< 50	2.3	< 2.5	< 135	< 2.5
M-DICHLOROETHENE	UG/L				< 125	< 50	< 50	< 1.0	< 2.5	< 125	< 2.5
P-DICHLOROETHENE	UG/L				< 125	< 50	< 50	11	12	< 125	7.9
1,1-DICHLOROETHANE	UG/L	100	120	120	200	140	100	160	170	180	130

FOOTNOTES : A-INTERFERENCE F-AVERAGE OF DUPS B-AVERAGE G-SAMPLE LOST C-DUP & SPIKE H-ND = NONE DETECTED D-DUPLICATE SPIKE I-VALUE <MDL, >IDL E-CALCULATED VALUE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A
		SJ30241	SJ32681	SJ35101	SJ38524	SJ50320	SJ53683	SJ57221	SJ60619	SJ70653	SJ74194
		01/09/87	04/09/87	07/08/87	10/22/87	01/13/88	04/13/88	07/19/88	10/13/88	01/19/89	04/26/89
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
1,2-DICHLOROETHANE	UG/L	250	280	260	340	310	240	310	320	330	330
BENZENE	UG/L	36	44	37	100	29	35	50	51	75	60
TOLUENE	UG/L	< 5.0	< 50	3.8	< 125	< 50	< 50	6.8	7.5	< 125	8.3
ETHYL BENZENE	UG/L	< 1.0	< 10	< 5.0 A	< 25	< 10	< 10	< 5.0 A	< 2.5	< 25	< 10
TRANS-1,2-DICHLOROETHYLEN	UG/L	13	< 20	20	40	< 10	16	25	25	50	31
BROMOMETHANE	UG/L	< 10	< 100	< 5.0	< 250	< 100	< 100	< 10	< 15	< 250	< 10
CHLOROETHANE	UG/L	< 10	< 100	< 2.0	< 250	< 100	< 100	< 2.0	< 5.0	< 250	< 5.0
2-CHLOROETHYLVINYLETHER	UG/L	< 10	< 100	< 10	< 250	< 100	< 100	< 2.0	< 5.0	< 250	< 5.0
CHLOROMETHANE	UG/L	< 10	< 100	< 2.0	< 250	< 100	< 100	< 2.0	< 5.0	< 250	< 15
1,2-DICHLOROPROPANE	UG/L	10	23	19	42	< 10	22	25	25	< 25	20
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 10	< 2.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 10	< 2.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 10	< 1.0	< 25	< 10	< 10	< 1.0	< 2.5	< 25	< 2.5
ACETONE	UG/L		< 100	33		< 1000	< 100	< 20	< 50	< 250	< 50
2-BUTANONE	UG/L			< 35 A		< 100	< 100	< 50	< 50	< 250	< 50
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 5.0	< 0.1	< 0.2							
ACENAPHTHYLENE	UG/L	< 5.0	< 0.2	< 0.2							
ANTHRACENE	UG/L	< 5.0	< 0.1	< 0.1							
BENZIDINE	UG/L	< 50	< 2.2	< 1.1							
BENZO(A)ANTHRACENE	UG/L	< 5.0	< 0.2	< 0.2							
BENZO(A)PYRENE	UG/L	< 5.0	< 1.1	< 0.3							
BENZO(B)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BENZO(G,H,I)PERYLENE	UG/L	< 10	< 2.2	< 0.4							
BENZO(K)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BIS(2-CL-ETHOXY)METHANE	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 10	< 0.6	< 0.1							
DIETHYLHEXYL PHTHALATE	UG/L	< 20	8.4	7.5							
4-BROMOPHENYL PHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
BUTYLBENZYL PHTHALATE	UG/L	< 5.0	< 2.2	< 0.3							
2-CHLORONAPHTHALENE	UG/L	< 5.0	< 0.2	< 0.2							
4-CHLOROPHENYLPHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
CHRYSENE	UG/L	< 5.0	< 0.6	< 0.2							
DIBENZO(A,H)ANTHRACENE	UG/L	< 10	< 5.6	< 0.9							
1,2-DICHLOROBENZENE	UG/L	< 5.0	1.3	2.6							
1,3-DICHLOROBENZENE	UG/L	< 5.0	< 0.1	< 0.1							
1,4-DICHLOROBENZENE	UG/L	< 5.0	5.7	5.0							
3,3'-DICHLOROBENZIDINE	UG/L	< 50	< 5.6	< 0.3							
DIETHYL PHTHALATE	UG/L	< 5.0	1.6	< 0.1							

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		MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A
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		01/09/87	04/09/87	07/08/87	10/22/87	01/13/88	04/13/88	07/19/88	10/13/88	01/19/89	04/26/89

ACID-BASE NEUTRAL EXTRACT

DIMETHYL PHTHALATE	UG/L	< 5.0	< 0.2	< 0.1
DI-N-BUTYL PHTHALATE	UG/L	< 10	< 0.2	< 0.9
2,4-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 3.1
2,6-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 1.3
DI-N-OCTYL PHTHALATE	UG/L	< 10	< 2.2	< 0.4
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 0.2	< 0.1
FLUORANTHENE	UG/L	< 5.0	< 0.6	< 0.1
FLUORENE	UG/L	< 5.0	< 0.1	< 0.1
HEXACHLOROBENZENE	UG/L	< 5.0	< 0.6	< 0.2
HEXACHLOROBUTADIENE	UG/L	< 10	< 0.6	< 0.2
HEXACHLOROCYCLOPENTADIENE	UG/L	< 10	< 1.1	< 1.3
HEXACHLOROETHANE	UG/L	< 5.0	< 0.2	< 0.7
INDENO(1,2,3-C,D)PYRENE	UG/L	< 10	< 4.4	< 0.6
ISOPHORONE	UG/L	< 5.0	1.2	1.0
NAPHTHALENE	UG/L	< 5.0	< 0.1	< 0.1
NITROBENZENE	UG/L	< 5.0	< 0.2	< 0.7
N-NITROSODIMETHYLAMINE	UG/L	< 5.0	< 1.1	< 1.0
N-NITROSODI-N-PROPYLAMINE	UG/L	< 5.0	< 1.1	< 0.4
PHENANTHRENE	UG/L	< 5.0	< 0.1	< 0.1
PYRENE	UG/L	< 5.0	< 0.6	0.2
2,3,7,8-TCDD	UG/L	< 50	< 0.1	< 0.2
2-CHLOROPHENOL	UG/L	< 5.0	< 0.1	4.3
1,2,4-TRICHLOROBENZENE	UG/L	< 5.0	< 0.2	0.3
2,4-DICHLOROPHENOL	UG/L	< 5.0	< 0.6	< 0.4
2,4-DIMETHYLPHENOL	UG/L	< 5.0	< 0.6	< 0.6
2,4-DINITROPHENOL	UG/L	< 50	< 8.3	< 5.6
2-METHYL-4,6DINITROPHENOL	UG/L	< 50	< 2.8	< 3.6
2-NITROPHENOL	UG/L	< 5.0	< 2.8	< 1.0
4-NITROPHENOL	UG/L	< 10	< 1.3	< 1.2
4-CHLORO-3-METHYLPHENOL	UG/L	< 5.0	< 0.2	< 1.1
PENTACHLOROPHENOL	UG/L	< 10	< 0.6	< 1.1
PHENOL	UG/L	< 5.0	< 0.6	< 0.3
2,4,6-TRICHLOROPHENOL	UG/L	< 5.0	< 0.3	< 0.3
N-NITROSODIPHENYLAMINE	UG/L	< 5.0	< 0.6	< 0.1

FOOTNOTES : A-INTERFERENCE  
F-AVERAGE OF DUPS

B-AVERAGE  
G-SAMPLE LOST

C-DUP & SPIKE  
H-ND = NONE DETECTED

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I-VALUE <MDL, >IDL

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PALOS VERDES LANDFILL

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		MO6A SJ76915 07/07/89	MO6A SJ80360 10/04/89	MO6A SJ90269 01/09/90	MO6A SJ93807 04/06/90	MO6A SJ98919 07/06/90	MO6A SJ03407 10/03/90	MO6A SJ10295 01/08/91	MO6A SJ14014 04/03/91	MO6A SJ18737 07/10/91	MO6A SJ23432 10/02/91
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	51.1	50.9	51.1	51.0	51.1	51.3	51.2	51.2	51.0	50.9
DEPTH TO BOTTOM	FT	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	21	15	21	20	12	18	18	19	20	10
FIELD WATER TEMPERATURE	DEG C	21	20	19	19	21	20	17	20	20	23
FIELD PH	PH	6.55	6.60	6.60	6.78	6.35	6.52	6.65	6.79	6.55	6.25
FIELD CONDUCTIVITY	UMHOS/CM	10500	11000	11800	5800	11600	11750	10600	12250	13700	12200
FIELD DISSOLVED O2	MG/L	2.1	2.6	5.1		2.2	2.9	2.9	1.5	1.5	2.2
FIELD DISSOLVED CO2	MG/L	584	445	324.4	102.9	424.7	354.5	369.6	409.2	302.7	682.9
FIELD TOTAL ALKALINITY	MG/L	1598	1630	1610	584	1610	1590	1606	1590	1672	1656
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	7.39	7.0	7.20	6.90	6.90	6.85	6.98 F	7.42	7.56	7.20
CONDUCTIVITY	UMHOS/CM	10050	9550	10400	6600	11800	11700	12300	12700	12500	11500
SUSPENDED SOLIDS	MG/L	685	5810	3850	292	1580	4500				
TOTAL DISSOLVED SOLIDS	MG/L	11808	12500	12000	6300	12800	12500	13488	13350	13520	12821
TOTAL HARDNESS	MG/L CAC03	7050	9300	9210 E	4040 E	11600 E	9710				
PHENOLS	MG/L C6H5OH	0.005	0.006	0.010	0.002 D	0.018	0.003				
BORON	MG/L B	4.17	3.00	4.16	2.34	3.73	4.33				
GROSS ALPHA RADIOACTIVITY	PCI/L							102		150	
GROSS BETA RADIOACTIVITY	PCI/L							62		35	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.08	0.11	0.08 D	1.66	0.18	0.05	0.20	0.10	0.10 D	0.12
SULFATE	MG/L SO4	4770	4940	5170	2950	5630	5580	6470	6060	6000	6200
CHLORIDE	MG/L CL	1280	1340	1330	650	1500	1350	1475	1160	1400	1370
TOTAL ALKALINITY	MG/L CAC03							1660 C	1610	1610	1590
BICARBONATE ALKALINITY	MG/L CAC03							1660	1610	1610	1590
TOTAL PHOSPHATE	MG/L P04	21.2	54.6	34.8	27.9	191.7	55.6				
TOTAL SULFIDE	MG/L S							< 0.1	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	2130	2840	2920	1630	3910	3220	1910	2570 D	1640	1840
MAGNESIUM-HARDNESS	MG/L CAC03	4920	6460	6290	2410	7680	6490	6940	6900 D	6440	7330
SODIUM	MG/L NA	720	780	772	463	822	799	804	759 D	834	824
POTASSIUM	MG/L K	11	19	16	12	28	18	11	14 D	11	12
IRON	MG/L FE	33.1	109	74.9	39.0	151	92.3	32.2		50.0	
MANGANESE	MG/L MN	5.99	8.08	7.60	2.78	7.43	8.18	7.69		7.55	

FOOTNOTES : A-INTERFERENCE B-AVERAGE C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-AVERAGE OF DUPS G-SAMPLE LOST H-ND = NONE DETECTED I-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ76915 07/07/89	WELL M06A SJ80360 10/04/89	WELL M06A SJ90269 01/09/90	WELL M06A SJ93807 04/06/90	WELL M06A SJ98919 07/06/90	WELL M06A SJ03407 10/03/90	WELL M06A SJ10295 01/08/91	WELL M06A SJ14014 04/03/91	WELL M06A SJ18737 07/10/91	WELL M06A SJ23432 10/02/91
<b>ORGANIC MATTER</b>											
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.1	< 0.1	< 0.1	< 0.01	< 0.1	< 0.1	0.5	< 0.1	< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N							12.7	12.6	13.0	11.8
SOLUBLE BOD	MG/L O	1	2	< 1	< 1	F < 1	2	1	2	3	1
TOTAL COD	MG/L O	664	743	715	300	1100	985				
SOLUBLE COD	MG/L O	627	634	644	246	691	681	665	728	736	740
TOTAL ORGANIC CARBON	MG/L C							300	310	290	280
OIL & GREASE	MG/L EXTRAC	2.9	< 1	< 1		G 4.3	1	< 1	1.1	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX)	MG/L							2.3	0.520	1.000	0.970
ACETIC ACID	MG/L	< 2.0 D	< 2.0	7.3	< 2.0	< 2.0	< 2.0				
PROPIONIC ACID	MG/L	< 2.0 D	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
ISOBUTYRIC ACID	MG/L	< 2.0 D	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
BUTYRIC ACID	MG/L	< 2.0 D	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
ISOVALERIC ACID	MG/L	< 2.0 D	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
VALERIC ACID	MG/L	< 2.0 D	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
<b>METALS</b>											
ARSENIC	MG/L AS	0.067	0.19	0.17	0.11	0.19	0.12	.0067	0.041	0.085	0.037
BARIUM	MG/L BA	0.76	3.33	2.18	0.74	4.68	2.81	0.54	1.35 D	0.76	0.48
CADMIUM	MG/L CD	0.08	0.17	0.12	0.07	0.19	0.15	0.10	0.13 D	< 0.01	0.01
TOTAL CHROMIUM	MG/L CR	0.30	0.79	0.51	0.26	0.94	0.61	0.26	0.36 D	0.12	0.08
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	< 0.02	< 0.02	< 0.04	< 0.04	< 0.04		< 0.02	
COPPER	MG/L CU	0.43	2.15	1.56	0.82	4.91	1.89	0.87		1.38	
LEAD	MG/L PB	< 0.04	0.04	< 0.04	< 0.04	0.09	< 0.04	< 0.04	< 0.04 D	< 0.04	< 0.04
MERCURY	MG/L HG	.0020	.0071	.0033	.0146	.0020	.0007	.0012	<.0001	.0002	.0026
NICKEL	MG/L NI	1.29	1.89	1.68	0.73	1.99	1.80	1.44		1.11	
SELENIUM	MG/L SE	0.053	0.147	0.135	0.174	0.298	0.134	0.030	0.028	.0099	0.030
SILVER	MG/L AG	0.02	0.034	0.018	0.015	0.058	0.028	0.028	0.024 D	0.032	0.017
ZINC	MG/L ZN	0.19	0.82	0.56	0.23	1.38	0.66	0.27		0.30	
<b>PESTICIDES</b>											
PP'-DDE	UG/L							< 0.01		< 0.01	
PP'-DDD	UG/L							< 0.01		< 0.01	
PP'-DDT	UG/L							< 0.01		< 0.01	
ALPHA-BHC	UG/L							< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L							< 0.01		< 0.01	
HEPTACHLOR	UG/L							< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L							< 0.01		< 0.01	
ALDRIN	UG/L							< 0.01		< 0.01	

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ76915 07/07/89	WELL M06A SJ80360 10/04/89	WELL M06A SJ90269 01/09/90	WELL M06A SJ93807 04/06/90	WELL M06A SJ98919 07/06/90	WELL M06A SJ03407 10/03/90	WELL M06A SJ10295 01/08/91	WELL M06A SJ14014 04/03/91	WELL M06A SJ18737 07/10/91	WELL M06A SJ23432 10/02/91
<b>PESTICIDES</b>											
DIELDRIN	UG/L							< 0.01		< 0.01	
ENDRIN	UG/L							< 0.01		< 0.01	
TOXAPHENE	UG/L							< 5		< 1.0	
AROCLOR 1242	UG/L							< 0.1		< 0.1	
AROCLOR 1254	UG/L							< 0.1		< 0.1	
BETA-BHC	UG/L							< 0.01		< 0.01	
DELTA-BHC	UG/L							< 0.01		< 0.01	
CIS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L							< 0.01		< 0.01	
OXYCHLORDANE	UG/L							< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L								H		H
ENDOSULFAN I	UG/L							< 0.01		< 0.01	
ENDOSULFAN II	UG/L							< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L							< 0.01		< 0.01	
ENDRIN ALDEHYDE	UG/L							< 0.01		< 0.2	
AROCLOR 1016	UG/L							< 0.1		< 0.1	
AROCLOR 1221	UG/L							< 0.1		< 0.5	
AROCLOR 1232	UG/L							< 0.1		< 0.5	
AROCLOR 1248	UG/L							< 0.1		< 0.1	
AROCLOR 1260	UG/L							< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L								H	< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 15	< 100	< 10	49	180	< 10	< 1250	< 20	< 750	24
CHLOROFORM	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
1,1,1-TRICHLOROETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
CARBON TETRACHLORIDE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 5.0	< 125	< 5.0
1,1-DICHLOROETHENE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 5.0	< 125	< 5.0
TRICHLOROETHYLENE	UG/L	38	< 100	36	< 25	30	28	< 125	31	< 125	31
TETRACHLOROETHYLENE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 5.0	< 125	< 5.0
BROMODICHLOROMETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
DIBROMOCHLOROMETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
BROMOFORM	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
CHLOROBENZENE	UG/L	1200	970	1400	40	1100	910	1400	1300	1000	980
VINYL CHLORIDE	UG/L	3500	1900	2800	310	1900	1700	< 250	2000	2700	880
O-DICHLOROETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
M-DICHLOROETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
P-DICHLOROETHANE	UG/L	24	< 100	23	< 25	17	15	< 125	29	< 125	30
1,1-DICHLOROETHANE	UG/L	210	150	200	63	160	150	200	150	180	150
1,1,2-TRICHLOROETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 5.0	< 125	< 5.0
1,2-DICHLOROETHANE	UG/L	420	290	430	220	320	310	370	330	300	340

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ76915	SJ80360	SJ90269	SJ93807	SJ98919	SJ03407	SJ10295	SJ14014	SJ18737	SJ23432
		07/07/89	10/04/89	01/09/90	04/06/90	07/06/90	10/03/90	01/08/91	04/03/91	07/10/91	10/02/91
<b>VOLATILE ORGANIC COMPOUND</b>											
BENZENE	UG/L	71	< 100	110	< 25	66	58	< 125	65	< 125	57
TOLUENE	UG/L	9.2	< 100	12	< 25	14	< 10	< 125	11	< 125	21
ETHYL BENZENE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 5.0	< 125	< 10
O-XYLENE	UG/L									< 125	
TRANS-1,2-DICHLOROETHYLENE	UG/L	36	< 100	35	< 25	< 10	25	< 125	30	< 125	30
BROMOMETHANE	UG/L	< 25	< 500	< 50	< 120	< 50	< 50	< 250	< 50	< 250	< 50
CHLOROETHANE	UG/L	< 10	< 500	< 50	< 120	< 50	< 50	< 250	< 50	< 250	< 50
2-CHLOROETHYL VINYL ETHER	UG/L	< 10	< 200	< 20	< 50	< 20	< 20	< 250	< 20	< 250	< 20
CHLOROMETHANE	UG/L	< 50	< 500	< 50	< 120	< 50	< 50	< 250	< 50	< 250	< 50
1,2-DICHLOROPROPANE	UG/L	31	< 100	31	< 25	22	< 10	< 125	21	< 125	27
CIS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
TRANS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 5.0	< 100	< 10	< 25	< 10	< 10	< 125	< 10	< 125	< 10
ACROLEIN	UG/L							< 250		< 250	
ACRYLONITRILE	UG/L							< 250		< 250	
FREON 11 (CCL3F)	UG/L									< 250	
ACETONE	UG/L	< 100	180	< 200	1200	600	< 400			< 2500	
CIS-1,2-DICHLOROETHYLENE	UG/L									460	380
TETRAHYDROFURAN	UG/L									< 2500	1100
2-BUTANONE	UG/L	< 100	< 25	< 200	< 500	< 200	< 400			< 250	
4-METHYL-2-PENTANONE	UG/L									< 250	
STYRENE	UG/L									< 125	
M+P-XYLENE	UG/L									< 125	
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L							< 2		< 2	
ACENAPHTHYLENE	UG/L							< 2		< 2	
ANTHRACENE	UG/L							< 1		< 1	
BENZIDINE	UG/L							< 62		< 62	
BENZO(A)ANTHRACENE	UG/L							< 2		< 2	
BENZO(A)PYRENE	UG/L							< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L							< 2		< 2	
BENZO(G,H,I)PERYLENE	UG/L							< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L							< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L							< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L							< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L							< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L							5 I		5 I	
4-BROMOPHENYL PHENYLETHER	UG/L							< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L							< 3		< 3	
2-CHLORONAPHTHALENE	UG/L							< 1		< 1	
4-CHLOROPHENYLPHENYLETHER	UG/L							< 2		< 2	

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL MO6A SJ76915 07/07/89	WELL MO6A SJ80360 10/04/89	WELL MO6A SJ90269 01/09/90	WELL MO6A SJ93807 04/06/90	WELL MO6A SJ98919 07/06/90	WELL MO6A SJ03407 10/03/90	WELL MO6A SJ10295 01/08/91	WELL MO6A SJ14014 04/03/91	WELL MO6A SJ18737 07/10/91	WELL MO6A SJ23432 10/02/91
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ACID-BASE NEUTRAL EXTRACT

CHRYSENE	UG/L							< 2		< 2	
DIBENZO(A,H)ANTHRACENE	UG/L							< 6		< 6	
1,2-DICHLOROBENZENE	UG/L							5 I		6 I	
1,3-DICHLOROBENZENE	UG/L							< 10		< 10	
1,4-DICHLOROBENZENE	UG/L							19		23	
3,3'-DICHLOROBENZIDINE	UG/L							< 100		< 100	
DIETHYL PHTHALATE	UG/L							< 2		< 2	
DIMETHYL PHTHALATE	UG/L							< 3		< 3	
DI-N-BUTYL PHTHALATE	UG/L							< 4		< 4	
2,4-DINITROTOLUENE	UG/L							< 3		< 3	
2,6-DINITROTOLUENE	UG/L							< 5		< 5	
DI-N-OCTYL PHTHALATE	UG/L							< 5		< 5	
1,2-DIPHENYLHYDRAZINE	UG/L							< 1		< 1	
FLUORANTHENE	UG/L							< 2		< 2	
FLUORENE	UG/L							< 2		< 2	
HEXACHLOROBENZENE	UG/L							< 1		< 1	
HEXACHLOROBUTADIENE	UG/L							< 10		< 10	
HEXACHLOROCYCLOPENTADIENE	UG/L							< 100		< 100	
HEXACHLOROETHANE	UG/L							< 12		< 12	
INDENO(1,2,3-C,D)PYRENE	UG/L							< 6		< 6	
ISOPHORONE	UG/L							2 I		1 I	
NAPHTHALENE	UG/L							< 2		< 2	
NITROBENZENE	UG/L							< 2		< 2	
N-NITROSODIMETHYLAMINE	UG/L							< 30		< 30	
N-NITROSODI-N-PROPYLAMINE	UG/L							< 2		< 2	
PHENANTHRENE	UG/L							< 1		< 1	
PYRENE	UG/L							< 2		< 2	
2,3,7,8-TCDD	UG/L							< 3		< 3	
2-CHLOROPHENOL	UG/L							2 I		3 I	
1,2,4-TRICHLOROBENZENE	UG/L							< 3		1 I	
2,4-DICHLOROPHENOL	UG/L							< 3		< 3	
2,4-DIMETHYLPHENOL	UG/L							< 3		< 3	
2,4-DINITROPHENOL	UG/L							< 39		< 39	
2-METHYL-4,6DINITROPHENOL	UG/L							< 17		< 17	
2-NITROPHENOL	UG/L							< 5		< 5	
4-NITROPHENOL	UG/L							< 6		< 6	
4-CHLORO-3-METHYLPHENOL	UG/L							< 2		< 2	
PENTACHLOROPHENOL	UG/L							< 16		< 16	
PHENOL	UG/L							2 I		< 3	
2,4,6-TRICHLOROPHENOL	UG/L							< 2		< 2	
N-NITROSODIPHENYLAMINE	UG/L							< 2		< 2	

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		MO6A SJ30034 01/02/92	MO6A SJ34697 03/30/92
<b>FIELD PARAMETERS</b>			
DEPTH TO WATER	FT	51.0	50.5
DEPTH TO BOTTOM	FT	58.9	58.9
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	7
FIELD WATER TEMPERATURE	DEG C	20	20
FIELD PH	PH	6.65	6.50
FIELD CONDUCTIVITY	UMHOS/CM	12550	12500
FIELD DISSOLVED O2	MG/L	1.6	1.05
FIELD DISSOLVED CO2	MG/L	454.1	384.6
FIELD TOTAL ALKALINITY	MG/L	1562	1508
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1
<b>GENERAL</b>			
PH	PH	6.92	7.25
CONDUCTIVITY	UMHOS/CM	12250 F	12100
TOTAL DISSOLVED SOLIDS	MG/L	13278	13260
GROSS ALPHA RADIOACTIVITY	PCI/L	11	
GROSS BETA RADIOACTIVITY	PCI/L	18	
<b>ANIONS</b>			
NITRATE NITROGEN	MG/L N	0.10 D	0.20
SULFATE	MG/L SO4	6450	6020
CHLORIDE	MG/L CL	1460	1450
TOTAL ALKALINITY	MG/L CaCO3	1520	1570
BICARBONATE ALKALINITY	MG/L CaCO3	1520	1570
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1
<b>CATIONS</b>			
CALCIUM-HARDNESS	MG/L CaCO3	1730	1720
MAGNESIUM-HARDNESS	MG/L CaCO3	6020	6630
SODIUM	MG/L NA	834	865
POTASSIUM	MG/L K	9	8
IRON	MG/L FE	19.9	
MANGANESE	MG/L MN	6.85	
<b>ORGANIC MATTER</b>			
AMMONIA NITROGEN	MG/L N	< 0.1 D	< 0.01
TOTAL KJELDAHL NITROGEN	MG/L N	12.0	11.4
SOLUBLE BOD	MG/L O	1	3

FOOTNOTES : A-INTERFERENCE  
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<b>ORGANIC MATTER</b>			
SOLUBLE COD	MG/L O	717	676
TOTAL ORGANIC CARBON	MG/L C	310	250
OIL & GREASE	MG/L EXTRAC	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX	MG/L	1.100	0.910
<b>METALS</b>			
ARSENIC	MG/L AS	.0085	0.019
BARIUM	MG/L BA	0.06	0.04
CADMIUM	MG/L CD	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.04	
COPPER	MG/L CU	0.10	
LEAD	MG/L PB	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	.0001
NICKEL	MG/L NI	0.81	
SELENIUM	MG/L SE	0.015	0.021
SILVER	MG/L AG	0.023	0.021
ZINC	MG/L ZN	0.05	
<b>PESTICIDES</b>			
PP'-DDE	UG/L	< 0.01	
PP'-DDD	UG/L	< 0.01	
PP'-DDT	UG/L	< 0.01	
ALPHA-BHC	UG/L	< 0.01	
LINDANE (GAMMA-BHC)	UG/L	< 0.01	
HEPTACHLOR	UG/L	< 0.01	
HEPTACHLOR EPOXIDE	UG/L	< 0.01	
ALDRIN	UG/L	< 0.01	
DIELDRIN	UG/L	< 0.01	
ENDRIN	UG/L	< 0.01	
TOXAPHENE	UG/L	< 5	
AROCLOR 1242	UG/L	< 0.1	
AROCLOR 1254	UG/L	< 0.1	
BETA-BHC	UG/L	< 0.01	
DELTA-BHC	UG/L	< 0.01	
CIS-CHLORDANE	UG/L	< 0.01	
TRANS-CHLORDANE	UG/L	< 0.01	
TRANS-NONACHLOR	UG/L	< 0.01	
OXYCHLORDANE	UG/L	< 0.01	
TOTAL DETECTED CHLORDANES	UG/L		H
ENDOSULFAN I	UG/L	< 0.01	

FOOTNOTES : A-INTERFERENCE  
F-AVERAGE OF DUPS

B-AVERAGE  
G-SAMPLE LOST

C-DUP & SPIKE  
H-ND = NONE DETECTED

D-DUPLICATE SPIKE  
I-VALUE <MDL, >IDL

E-CALCULATED VALUE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06A SJ30034 01/02/92	M06A SJ34697 03/30/92
<b>PESTICIDES</b>			
ENDOSULFAN II	UG/L	< 0.01	
ENDOSULFAN SULFATE	UG/L	< 0.01	
ENDRIN ALDEHYDE	UG/L	< 0.01	
AROCLOR 1016	UG/L	< 0.1	
AROCLOR 1221	UG/L	< 0.1	
AROCLOR 1232	UG/L	< 0.1	
AROCLOR 1248	UG/L	< 0.1	
AROCLOR 1260	UG/L	< 0.1	
TECHNICAL CHLORDANE	UG/L	< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>			
METHYLENE CHLORIDE	UG/L	< 750	< 20
CHLOROFORM	UG/L	< 125	< 10
1,1,1-TRICHLOROETHANE	UG/L	< 125	< 10
CARBON TETRACHLORIDE	UG/L	< 125	< 5.0
1,1-DICHLOROETHENE	UG/L	< 125	< 5.0
TRICHLOROETHYLENE	UG/L	< 125	32
TETRACHLOROETHYLENE	UG/L	< 125	< 5.0
BROMODICHLOROMETHANE	UG/L	< 125	< 10
DIBROMOCHLOROMETHANE	UG/L	< 125	< 10
BROMOFORM	UG/L	< 125	< 10
CHLOROBENZENE	UG/L	1300	860
VINYL CHLORIDE	UG/L	1800	1100
O-DICHLOROENZENE	UG/L	< 125	< 10
M-DICHLOROENZENE	UG/L	< 125	< 10
P-DICHLOROENZENE	UG/L	< 125	27
1,1-DICHLOROETHANE	UG/L	150	120
1,1,2-TRICHLOROETHANE	UG/L	< 125	< 5.0
1,2-DICHLOROETHANE	UG/L	350	240
BENZENE	UG/L	< 125	47
TOLUENE	UG/L	< 125	14
ETHYL BENZENE	UG/L	< 125	< 5.0
O-XYLENE	UG/L	< 125	
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 125	29
BROMOMETHANE	UG/L	< 250	< 50
CHLOROETHANE	UG/L	< 250	< 50
2-CHLOROETHYLVINYLETHER	UG/L	< 250	< 20
CHLOROMETHANE	UG/L	< 250	< 50
1,2-DICHLOROPROPANE	UG/L	< 125	22
CIS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10
TRANS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 125	< 10

FOOTNOTES : A-INTERFERENCE B-AVERAGE C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-AVERAGE OF DUPS G-SAMPLE LOST H-ND = NONE DETECTED I-VALUE <MDL, >IDL

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06A	M06A
		SJ30034	SJ34697
		01/02/92	03/30/92

VOLATILE ORGANIC COMPOUND

ACROLEIN	UG/L	<	250
ACRYLONITRILE	UG/L	<	250
FREON 11 (CCL3F)	UG/L	<	250
ACETONE	UG/L	<	2500
CIS-1,2-DICHLOROETHYLENE	UG/L		510
TETRAHYDROFURAN	UG/L	<	2500
2-BUTANONE	UG/L	<	250
4-METHYL-2-PENTANONE	UG/L	<	250
STYRENE	UG/L	<	125
M+P-XYLENE	UG/L	<	125

ACID-BASE NEUTRAL EXTRACT

ACENAPHTHENE	UG/L	<	2
ACENAPHTHYLENE	UG/L	<	2
ANTHRACENE	UG/L	<	1
BENZIDINE	UG/L	<	62
BENZO(A)ANTHRACENE	UG/L	<	2
BENZO(A)PYRENE	UG/L	<	7
BENZO(B)FLUORANTHENE	UG/L	<	2
BENZO(G,H,I)PERYLENE	UG/L	<	6
BENZO(K)FLUORANTHENE	UG/L	<	2
BIS(2-CL-ETHOXY)METHANE	UG/L	<	3
BIS(2-CHLOROETHYL)ETHER	UG/L	<	5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	<	3
DIETHYLHEXYL PHTHALATE	UG/L	<	10
4-BROMOPHENYL PHENYLEETHER	UG/L	<	9
BUTYLBENZYL PHTHALATE	UG/L	<	3
2-CHLORONAPHTHALENE	UG/L	<	1
4-CHLOROPHENYLPHENYLEETHER	UG/L	<	2
CHRYSENE	UG/L	<	2
DIBENZO(A,H)ANTHRACENE	UG/L	<	6
1,2-DICHLOROBENZENE	UG/L		6 I
1,3-DICHLOROBENZENE	UG/L	<	10
1,4-DICHLOROBENZENE	UG/L		24
3,3'-DICHLOROBENZIDINE	UG/L	<	100
DIETHYL PHTHALATE	UG/L	<	2
DIMETHYL PHTHALATE	UG/L	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4
2,4-DINITROTOLUENE	UG/L	<	3
2,6-DINITROTOLUENE	UG/L	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1

FOOTNOTES : A-INTERFERENCE  
F-AVERAGE OF DUPS

B-AVERAGE  
G-SAMPLE LOST

C-DUP & SPIKE  
H-ND = NONE DETECTED

D-DUPLICATE SPIKE  
I-VALUE <MDL, >IDL

E-CALCULATED VALUE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06A SJ30034 01/02/92	M06A SJ34697 03/30/92
ACID-BASE NEUTRAL EXTRACT			
FLUORANTHENE	UG/L	<	2
FLUORENE	UG/L	<	2
HEXACHLOROBENZENE	UG/L	<	1
HEXACHLOROBUTADIENE	UG/L	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100
HEXACHLOROETHANE	UG/L	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6
ISOPHORONE	UG/L		2 I
NAPHTHALENE	UG/L	<	2
NITROBENZENE	UG/L	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2
PHENANTHRENE	UG/L	<	1
PYRENE	UG/L	<	2
2,3,7,8-TCDD	UG/L	<	3
2-CHLOROPHENOL	UG/L	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3
2,4-DICHLOROPHENOL	UG/L	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3
2,4-DINITROPHENOL	UG/L	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17
2-NITROPHENOL	UG/L	<	5
4-NITROPHENOL	UG/L	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2
PENTACHLOROPHENOL	UG/L	<	16
PHENOL	UG/L	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2

FOOTNOTES : A-INTERFERENCE B-AVERAGE C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-AVERAGE OF DUPS G-SAMPLE LOST H-ND = NONE DETECTED I-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ40162 07/09/92	WELL M06A SJ44786 10/02/92	WEFI M06A SJ49447 12/31/92	WELL M06A SJ49451 12/31/92	WEFI M06A SJ55013 04/06/93	WELL M06A SJ55016 04/06/93	WEFI M06A SJ59385 07/01/93	WELL M06A SJ59389 07/01/93	WEFI M06A SJ63736 09/30/93	WELL M06A SJ63740 09/30/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	50.4	50.3		50.5		50.0		49.9		49.7
DEPTH TO BOTTOM	FT	58.9	58.9		58.9		58.9		58.9		59.0
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	16	18		21		13		12		17
FIELD WATER TEMPERATURE	DEG C	23	20		19		19		26.0		25
FIELD PH	PH	6.58	6.55		6.37		6.74		6.60		6.64
FIELD CONDUCTIVITY	UMHOS/CM	14180	12000		15250		13000		10950		11220
FIELD DISSOLVED O2	MG/L	1.4	1.9		2.1		1.4		1.00		1.0
FIELD DISSOLVED CO2	MG/L	440	401.3		541.7		240.7		292.6		225.7
FIELD TOTAL ALKALINITY	MG/L	1422	528		1544				1258		1322
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH	7.43	7.07		6.96 F		6.99 F		6.86		7.13
CONDUCTIVITY	UMHOS/CM	12200	12200		12300		12410		12400		12400
SUSPENDED SOLIDS	MG/L				120		30		34		18
TOTAL DISSOLVED SOLIDS	MG/L	13215	13750		13480		12910		12147		12260
GROSS ALPHA RADIOACTIVITY	PCI/L	758			145				170		
GROSS BETA RADIOACTIVITY	PCI/L	279			56				67		
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.06	0.13		0.49		1.17		3.30 B		3.53
SULFATE	MG/L SO4	5300	5600	6350	6120	3830	5400	3940	4460	3920	4680
CHLORIDE	MG/L CL	1570	1520	1350	1410	2330	1710	2260	2010	2300	2110
TOTAL ALKALINITY	MG/L CAC03	1510	1530		1570		1420		1340 D		1340
BICARBONATE ALKALINITY	MG/L CAC03	1510	1530		1570		1420		1340		1340
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	2000 B	1860	1690	1810	2170	1860	1950	1940	2100	2130
MAGNESIUM-HARDNESS	MG/L CAC03	6170 B	5930	6630	6670	4030	5720	3560	4530	4020	4160
SODIUM	MG/L NA	963 B	934	849	861	1070	884	1030	1030	1090	1130
POTASSIUM	MG/L K	8 B	7.5	8.3	9.6	5.8	8	5.3	6.5	5.7	5.4
IRON	MG/L FE	15.5 B		19.2	23.6			0.82	8.52		
MANGANESE	MG/L MN	6.24 B		7.69	7.62			3.97	5.50		
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.01	5.78		< 0.1		< 0.1		< 0.1		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	10.4	15.6		6.2		10.3		7.8		5.1

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ40162 07/09/92	WELL M06A SJ44786 10/02/92	WEFI M06A SJ49447 12/31/92	WELL M06A SJ49451 12/31/92	WEFI M06A SJ55013 04/06/93	WELL M06A SJ55016 04/06/93	WEFI M06A SJ59385 07/01/93	WELL M06A SJ59389 07/01/93	WEFI M06A SJ63736 09/30/93	WELL M06A SJ63740 09/30/93
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	8	< 1		2		3 F	< 1		< 1	
SOLUBLE COD	MG/L O	665	619 D		793		653 D	469 D		488	
TOTAL ORGANIC CARBON	MG/L C	260	270		300		230	160		160 B	
OIL & GREASE	MG/L EXTRAC	< 1	< 1		< 1		< 1	< 1 B		< 1 B	
TOTAL ORGANIC HALOGEN(TOX	UG/L	800	1200		1100		840	730		600	
<b>METALS</b>											
ARSENIC	MG/L AS	0.023	.0036	0.026	0.032	0.011	0.027	0.011	0.019	0.001	0.024
BARIUM	MG/L BA	0.09 B	0.05	0.03	0.22	0.04	0.04	0.03	0.04	0.04	0.04
CADMIUM	MG/L CD	< 0.01 B	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01
TOTAL CHROMIUM	MG/L CR	0.02 B	< 0.02	< 0.02	0.04	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.04				< 0.04		< 0.04		< 0.04	
COPPER	MG/L CU	0.23 B		0.04	0.63			0.02		0.05	
LEAD	MG/L PB	< 0.04 B	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	.0001	<.0001	.0006	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.79 B		0.91	1.09			0.23		0.46	
SELENIUM	MG/L SE	0.021	0.038	0.037	0.042	0.136	0.072	0.301	0.032	0.335	0.278
SILVER	MG/L AG	0.021 B	0.021	0.022	0.025	0.02	0.018	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.11 B		0.65	0.18			< 0.03	0.03		
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDD	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDT	UG/L	< 0.01			< 0.01				< 0.01		
ALPHA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
LINDANE (GAMMA-BHC)	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR EPOXIDE	UG/L	< 0.01			< 0.01				< 0.01		
ALDRIN	UG/L	< 0.01			< 0.01				< 0.01		
DIELDRIN	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN	UG/L	< 0.01			< 0.01				< 0.01		
TOXAPHENE	UG/L	< 5			< 5				< 5		
AROCLOR 1242	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1254	UG/L	< 0.1			< 0.1				< 0.1		
BETA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
DELTA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
CIS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-NONACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
OXYCHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TOTAL DETECTED CHLORDANES	UG/L		A			A					A

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-ADDED TEST RESULT I-10% RULE EXCEEDED

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ40162	SJ44786	SJ49447	SJ49451	SJ55013	SJ55016	SJ59385	SJ59389	SJ63736	SJ63740
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN II	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN SULFATE	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN ALDEHYDE	UG/L	< 0.01			< 0.01				< 0.01		
AROCLOR 1016	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1221	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1232	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1248	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1260	UG/L	< 0.1			< 0.1				< 0.1		
TECHNICAL CHLORDANE	UG/L	< 0.1			< 0.1				< 0.1		

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 750	31 E		< 600		< 20		< 150		< 20
CHLOROFORM	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
1,1,1-TRICHLOROETHANE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
CARBON TETRACHLORIDE	UG/L	< 125	< 5.0		< 100		< 5.0		< 25		< 5.0
1,1-DICHLOROETHENE	UG/L	< 125	< 5.0		< 100		< 5.0		< 25		< 5.0
TRICHLOROETHYLENE	UG/L	< 125	7.7		< 100		19		< 25		< 5.0
TETRACHLOROETHYLENE	UG/L	< 125	< 5.0		< 100		< 5.0		< 25		< 5.0
BROMODICHLOROMETHANE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
DIBROMOCHLOROMETHANE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
BROMOFORM	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
CHLOROBENZENE	UG/L	900	460		1200		1100		290		14
VINYL CHLORIDE	UG/L	1200	190		1200		970		350		44
O-DICHLOROBENZENE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
M-DICHLOROBENZENE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
P-DICHLOROBENZENE	UG/L	< 125	14		< 100		19		< 25		< 10
1,1-DICHLOROETHANE	UG/L	130	38		120		98		32		< 5.0
1,1,2-TRICHLOROETHANE	UG/L	< 125	< 5.0		< 100		< 5.0		< 25		< 5.0
1,2-DICHLOROETHANE	UG/L	200	150		< 100		220		64		6.5
BENZENE	UG/L	< 125	12		< 100		33		< 25		< 5.0
TOLUENE	UG/L	< 125	< 5.0		< 100		8.9		< 25		< 5.0
ETHYL BENZENE	UG/L	< 125	< 5.0		< 100		< 5.0		< 25		< 5.0
VINYL ACETATE	UG/L	< 2500			< 2000				< 500		
O-XYLENE	UG/L	< 125			< 100				< 25		
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 125	7.6		< 100		20		< 25		< 5.0
BROMOMETHANE	UG/L	< 250	< 50		< 200		< 50		< 50		< 50
CHLOROETHANE	UG/L	< 250	< 50		< 200		< 50		< 50		< 50
2-CHLOROETHYL VINYLETHYLENE	UG/L	< 250	< 20		< 200		< 20		< 50		< 20
CHLOROMETHANE	UG/L	< 250	< 50		< 200		< 50		< 50		< 50
1,2-DICHLOROPROPANE	UG/L	< 125	8.4		< 100		12		< 25		< 10
CIS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ40162	SJ44786	SJ49447	SJ49451	SJ55013	SJ55016	SJ59385	SJ59389	SJ63736	SJ63740
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 125	< 10		< 100		< 10		< 25		< 10
ACROLEIN	UG/L	< 250			< 200				<10000		
ACRYLONITRILE	UG/L	< 250			< 200				< 2500		
FREON 11 (CCL3F)	UG/L	< 250			< 200				< 50		
ACETONE	UG/L	< 2500			< 2000				< 500		
CIS-1,2-DICHLOROETHYLENE	UG/L	250	160		< 100				< 130		
TETRAHYDROFURAN	UG/L	< 2500			< 2000				< 500		
2-BUTANONE	UG/L	< 2500			< 2000				< 500		
4-METHYL-2-PENTANONE	UG/L	< 250			< 200				< 50		
STYRENE	UG/L	< 125			< 100				< 25		
M+P-XYLENE	UG/L	< 125			< 100				< 25		

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 20			< 20				< 20		
ACENAPHTHYLENE	UG/L	< 20			< 20				< 20		
ANTHRACENE	UG/L	< 10			< 10				< 10		
BENZIDINE	UG/L	< 620			< 620				< 620		
BENZO(A)ANTHRACENE	UG/L	< 20			< 20				< 20		
BENZO(A)PYRENE	UG/L	< 70			< 70				< 70		
BENZO(B)FLUORANTHENE	UG/L	< 20			< 20				< 20		
BENZO(G.H.I.)PERYLENE	UG/L	< 60			< 60				< 60		
BENZO(K)FLUORANTHENE	UG/L	< 20			< 20				< 20		
BIS(2-CL-ETHOXY)METHANE	UG/L	< 30			< 30				< 30		
BIS(2-CHLOROETHYL)ETHER	UG/L	< 50			< 50				< 50		
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 30			< 30				< 30		
DIETHYLHEXYL PHTHALATE	UG/L	< 100			< 100				< 100		
4-BROMOPHENYL PHENYLETHER	UG/L	< 90			< 90				< 90		
BUTYLBENZYL PHTHALATE	UG/L	< 30			< 30				< 30		
2-CHLORONAPHTHALENE	UG/L	< 10			< 10				< 10		
4-CHLOROPHENYLPHENYLETHER	UG/L	< 20			< 20				< 20		
CHRYSENE	UG/L	< 20			< 20				< 20		
DIBENZO(A,H)ANTHRACENE	UG/L	< 60			< 60				< 60		
1,2-DICHLOROBENZENE	UG/L	< 100			< 100				< 100		
1,3-DICHLOROBENZENE	UG/L	< 100			< 100				< 100		
1,4-DICHLOROBENZENE	UG/L	16 C			18 C				< 20		
3,3'-DICHLOROBENZIDINE	UG/L	< 1000			< 1000				< 1000		
DIETHYL PHTHALATE	UG/L	< 20			< 20				< 20		
DIMETHYL PHTHALATE	UG/L	< 30			< 30				< 30		
DI-N-BUTYL PHTHALATE	UG/L	< 40			< 40				< 40		
2,4-DINITROTOLUENE	UG/L	< 30			< 30				< 30		
2,6-DINITROTOLUENE	UG/L	< 50			< 50				< 50		

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-UNDETECTED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 03/14/95

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06A SJ40162 07/09/92	WELL M06A SJ44786 10/02/92	WEFI M06A SJ49447 12/31/92	WELL M06A SJ49451 12/31/92	WEFI M06A SJ55013 04/06/93	WELL M06A SJ55016 04/06/93	WEFI M06A SJ59385 07/01/93	WELL M06A SJ59389 07/01/93	WEFI M06A SJ63736 09/30/93	WELL M06A SJ63740 09/30/93
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ACID-BASE NEUTRAL EXTRACTABLE

DI-N-OCTYL PHTHALATE	UG/L	<	50	<	50	<	50	<	50	<	50
1,2-DIPHENYLHYDRAZINE	UG/L	<	10	<	10	<	10	<	10	<	10
FLUORANTHENE	UG/L	<	20	<	20	<	20	<	20	<	20
FLUORENE	UG/L	<	20	<	20	<	20	<	20	<	20
HEXACHLOROBENZENE	UG/L	<	10	<	10	<	10	<	10	<	10
HEXACHLOROBUTADIENE	UG/L	<	100	<	100	<	100	<	100	<	100
HEXACHLOROCYCLOPENTADIENE	UG/L	<	1000	<	1000	<	1000	<	1000	<	1000
HEXACHLOROETHANE	UG/L	<	120	<	120	<	120	<	120	<	120
INDENO(1,2,3-C,D)PYRENE	UG/L	<	60	<	60	<	60	<	60	<	60
ISOPHORONE	UG/L	<	30	<	30	<	30	<	30	<	30
NAPHTHALENE	UG/L	<	20	<	20	<	20	<	20	<	20
NITROBENZENE	UG/L	<	20	<	20	<	20	<	20	<	20
N-NITROSODIMETHYLAMINE	UG/L	<	300	<	300	<	300	<	300	<	300
N-NITROSODI-N-PROPYLAMINE	UG/L	<	20	<	20	<	20	<	20	<	20
PHENANTHRENE	UG/L	<	10	<	10	<	10	<	10	<	10
PYRENE	UG/L	<	20	<	20	<	20	<	20	<	20
2,3,7,8-TCDD	UG/L	<	30	<	30	<	30	<	30	<	30
2-CHLOROPHENOL	UG/L	<	80	<	80	<	80	<	80	<	80
1,2,4-TRICHLOROBENZENE	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DICHLOROPHENOL	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DIMETHYLPHENOL	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DINITROPHENOL	UG/L	<	390	<	390	<	390	<	390	<	390
2-METHYL-4,6-DINITROPHENOL	UG/L	<	170	<	170	<	170	<	170	<	170
2-NITROPHENOL	UG/L	<	50	<	50	<	50	<	50	<	50
4-NITROPHENOL	UG/L	<	60	<	60	<	60	<	60	<	60
4-CHLORO-3-METHYLPHENOL	UG/L	<	20	<	20	<	20	<	20	<	20
PENTACHLOROPHENOL	UG/L	<	160	<	160	<	160	<	160	<	160
PHENOL	UG/L	<	30	<	30	<	30	<	30	<	30
2,4,6-TRICHLOROPHENOL	UG/L	<	20	<	20	<	20	<	20	<	20
N-NITROSODIPHENYLAMINE	UG/L	<	20	<	20	<	20	<	20	<	20

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ70398	SJ70404	SJ74465	SJ74470	SJ78469	SJ78472	SJ82569	SJ82572	SJ82574	SJ82577
		01/07/94	01/07/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94	10/05/94	10/05/94

FIELD PARAMETERS

DEPTH TO WATER	FT		49.9		49.5		49.8			50.09	
DEPTH TO BOTTOM	FT		59.0		59.0		59.0			58.97	
PERCENT METHANE IN GAS	%CH4	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1	
PERCENT OXYGEN IN GAS	%O2		21		21		< 0.1			4	
FIELD WATER TEMPERATURE	DEG C		17		20.2		23.1			18	
FIELD PH	PH		6.47		6.46		6.46			6.62	
FIELD CONDUCTIVITY	UMHOS/CM		9830		8890		8530			7640	
FIELD DISSOLVED O2	MG/L		1.7		1.65		1.45			2.0	
FIELD DISSOLVED CO2	MG/L		598.4		391.2		466.5			302.6	
FIELD TOTAL ALKALINITY	MG/L		1496		1344		1512			1346	
FIELD HYDROGEN SULFIDE	PPM	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1	

GENERAL

PH	PH		7.06		7.01		6.81			7.12 F	6.53
CONDUCTIVITY	UMHOS/CM		12100 F		12000		11800			11500	11600
SUSPENDED SOLIDS	MG/L		40 F		88		88			76	206
TOTAL DISSOLVED SOLIDS	MG/L		12780		12850		12670			12420	12260
GROSS ALPHA RADIOACTIVITY	PCI/L		150				291			254	147
GROSS BETA RADIOACTIVITY	PCI/L		116				53			75.3	66.0

ANIONS

NITRATE NITROGEN	MG/L N		0.66 B		5.59		1.43			5.41 G	0.52
SULFATE	MG/L SO4	4440	5700		5480		5850			5390 G	6070 G
CHLORIDE	MG/L CL	2050	1520 D		1780		1330			1530 G	1320 G
TOTAL ALKALINITY	MG/L CAC03		1470		1350		1460 D			1440	1470
BICARBONATE ALKALINITY	MG/L CAC03		1470		1350		1460			1440	1470
TOTAL SULFIDE	MG/L S		< 0.1		< 0.1		< 0.1				

CATIONS

CALCIUM-HARDNESS	MG/L CAC03	2050	1700 B	1940	1810	1700	1680	1250	1790	1770	1690
MAGNESIUM-HARDNESS	MG/L CAC03	4530	6420 B	4900	5760	5430	5760	4690	5720	4610	6050
SODIUM	MG/L NA	1050	825 B	1010	892	875	854	1020	838	1090	771
POTASSIUM	MG/L K	11.0	8.2 B	7.0	8.0	7.3	7.7	6.2	7.4	5.8 B	8.1
IRON	MG/L FE	4.21	27.2 B			19.4 H	22.9	7.24	21.3	7.09 B	36.5
MANGANESE	MG/L MN	2.67	8.87 B			7.84 H	8.32	3.29	8.00	2.18 B	10.2

ORGANIC MATTER

AMMONIA NITROGEN	MG/L N		0.8		< 0.1		< 0.1			2.2	< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N		11.6		10.2		11.3				

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 F-AVERAGE OF DUPS G-AVERAGE H-ABANDDED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ70398	SJ70404	SJ74465	SJ74470	SJ78469	SJ78472	SJ82569	SJ82572	SJ82574	SJ82577
		01/07/94	01/07/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94	10/05/94	10/05/94
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	<	0.7		1		5		<	0.7	1 F
SOLUBLE COD	MG/L O		738 G		728		764			682 G	791
TOTAL ORGANIC CARBON	MG/L C		310		280		300			290	270
OIL & GREASE	MG/L EXTRAC	<	0.9		< 0.9 B		< 0.9				
HYDROCARBONS-MODIFIED8015	MG/L HC									<	0.3
TOTAL ORGANIC HALOGEN(TOX	UG/L		830		1090		1300 I				0.39
<b>METALS</b>											
ARSENIC	MG/L AS	0.012	0.031	0.019	0.045	0.023	0.037	0.014	0.013	0.028	0.067
BARIUM	MG/L BA	0.03	0.05 B	0.03	0.05	0.03 B	0.04	0.03	0.03	0.03 B	0.07
CADMIUM	MG/L CD	<0.005	<0.005 B	<0.003	<0.003	<0.003 B	<0.003	<0.003	<0.003	<0.003 B	<0.003
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02 B	< 0.01	0.02	< 0.01 B	< 0.01	< 0.01	< 0.01	< 0.01 B	0.03
HEXAVALENT CHROMIUM	MG/L CR		0.017 B				< 0.04				
COPPER	MG/L CU	0.04	0.12 B			0.02 H	0.08	0.04	0.04	0.04 B	0.18
LEAD	MG/L PB	< 0.04	< 0.04 B	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02 B	< 0.02
MERCURY	MG/L HG	<.0001	.0001	<.0001	<.0001	<.0001	.0002	<.0001	<.0001	<.0001 B	.0003
NICKEL	MG/L NI	0.39	1.0 B			0.77 H	0.83	0.42	0.93	0.29 B	1.27
SELENIUM	MG/L SE	0.408	0.018	0.357	0.209	0.251	0.142	0.634	0.674	0.807	0.095
SILVER	MG/L AG	<0.005	<0.005 B	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 B	< 0.01
ZINC	MG/L ZN	0.03	0.06 B			0.04 H	0.04	0.02	0.05	0.01 B	0.08
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	<	0.01				<	0.01		<	0.01
PP'-DDD	UG/L	<	0.01				<	0.01		<	0.01
PP'-DDT	UG/L	<	0.01				<	0.01		<	0.01
ALPHA-BHC	UG/L	<	0.01				<	0.01		<	0.01
LINDANE (GAMMA-BHC)	UG/L	<	0.01				<	0.01		<	0.01
HEPTACHLOR	UG/L	<	0.01				<	0.01		<	0.01
HEPTACHLOR EPOXIDE	UG/L	<	0.01				<	0.01		<	0.01
ALDRIN	UG/L	<	0.01				<	0.01		<	0.01
DIELDRIN	UG/L	<	0.01				<	0.01		<	0.01
ENDRIN	UG/L	<	0.01				<	0.01		<	0.01
TOXAPHENE	UG/L	<	0.5				<	0.5		<	0.5
AROCLOR 1242	UG/L	<	0.1				<	0.1		<	0.1
AROCLOR 1254	UG/L	<	0.05				<	0.05		<	0.05
BETA-BHC	UG/L	<	0.01				<	0.01		<	0.01
DELTA-BHC	UG/L	<	0.01				<	0.01		<	0.01
CIS-CHLORDANE	UG/L	<	0.01				<	0.01		<	0.01
TRANS-CHLORDANE	UG/L	<	0.01				<	0.01		<	0.01
TRANS-NONACHLOR	UG/L	<	0.01				<	0.01		<	0.01
OXYCHLORDANE	UG/L	<	0.01				<	0.01		<	0.01

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A
		SJ70398	SJ70404	SJ74465	SJ74470	SJ78469	SJ78472	SJ82569	SJ82572	SJ82574	SJ82577
		01/07/94	01/07/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94	10/05/94	10/05/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

CONSTITUENT	UNITS	WEFI MO6A	WELL MO6A	WEFI MO6A	WELL MO6A	WEFI MO6A	WELL MO6A	WEFI MO6A	WEFI MO6A	WELL MO6A	WELL MO6A
TOTAL DETECTED CHLORDANES	UG/L										
ENDOSULFAN I	UG/L		< 0.01				< 0.01			< 0.01	< 0.01
ENDOSULFAN II	UG/L		< 0.01				< 0.01			< 0.01	< 0.01
ENDOSULFAN SULFATE	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
ENDRIN ALDEHYDE	UG/L		< 0.01				< 0.01			< 0.01	< 0.01
AROCLOR 1016	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
AROCLOR 1221	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
AROCLOR 1232	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
AROCLOR 1248	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
AROCLOR 1260	UG/L		< 0.1				< 0.1			< 0.1	< 0.1
TECHNICAL CHLORDANE	UG/L		< 0.05				< 0.05			< 0.05	< 0.05

VOLATILE ORGANIC COMPOUNDS

CONSTITUENT	UNITS	WEFI MO6A	WELL MO6A	WEFI MO6A	WELL MO6A	WEFI MO6A	WELL MO6A	WEFI MO6A	WEFI MO6A	WELL MO6A	WELL MO6A
METHYLENE CHLORIDE	UG/L		< 20		24		< 20			< 20	< 20
CHLOROFORM	UG/L		< 10		19		< 10			< 10	< 10
1,1,1-TRICHLOROETHANE	UG/L		< 10		< 10		< 10			< 10	< 10
CARBON TETRACHLORIDE	UG/L		< 5.0		< 5.0		< 5.0			< 5.0	< 5.0
1,1-DICHLOROETHENE	UG/L		< 5.0		< 5.0		< 5.0			< 5.0	< 5.0
TRICHLOROETHYLENE	UG/L		< 5.0		18		6.4			16	14
TETRACHLOROETHYLENE	UG/L		< 5.0		< 5.0		< 5.0			< 5.0	< 5.0
BROMODICHLOROMETHANE	UG/L		< 10		< 10		< 10			< 10	< 10
DIBROMOCHLOROMETHANE	UG/L		< 10		< 10		< 10			< 10	< 10
BROMOFORM	UG/L		< 10		< 10		< 10			< 10	< 10
CHLOROBENZENE	UG/L		400		840		630			1000	900
VINYL CHLORIDE	UG/L		63		1200		200			1100	1500
O-DICHLOROBENZENE	UG/L		< 10		< 10		< 10			< 10	< 10
M-DICHLOROBENZENE	UG/L		< 10		< 10		< 10			< 10	< 10
P-DICHLOROBENZENE	UG/L		10		18		15			19	17
1,1-DICHLOROETHANE	UG/L		22		91		43			70	62
1,1,2-TRICHLOROETHANE	UG/L		< 5.0		< 5.0		< 5.0			< 5.0	< 5.0
1,2-DICHLOROETHANE	UG/L		130		180		180			160	150
BENZENE	UG/L		6.0		23		12			20	18
TOLUENE	UG/L		< 5.0		6.1		< 5.0			6.9	6.4
ETHYL BENZENE	UG/L		< 5.0		< 5.0		< 5.0			< 5.0	< 5.0
O-XYLENE	UG/L		< 10		< 10		< 10			< 10	< 10
TRANS-1,2-DICHLOROETHYLENE	UG/L		< 5.0		20		7.2			18	17
BROMOMETHANE	UG/L		< 50 H		< 50		< 50			< 50	< 50
CHLOROETHANE	UG/L		< 50 H		< 50		< 50			< 50	< 50
2-CHLOROETHYL VINYLETHYL ETHER	UG/L		< 20 H		< 20		< 20			< 20	< 20
CHLOROMETHANE	UG/L		< 50 H		< 50		< 50			< 50	< 50
1,2-DICHLOROPROPANE	UG/L		< 10 H		11		< 10			< 10	< 10
CIS-1,3-DICHLOROPROPENE	UG/L		< 10 H		< 10		< 10			< 10	< 10

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-TRUNCATED TEST RESULT I-10% RULE EXCEEDED

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A	M06A
		SJ70398	SJ70404	SJ74465	SJ74470	SJ78469	SJ78472	SJ82569	SJ82572	SJ82574	SJ82577
		01/07/94	01/07/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94	10/05/94	10/05/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	<	10	H	<	10	<	10	<	10	<	10
1,1,2,2-TETRACHLOROETHANE	UG/L	<	10	H	<	10	<	10	<	10	<	10
CIS-1,2-DICHLOROETHYLENE	UG/L		140		310		270		440		370	
TETRAHYDROFURAN	UG/L	<	400		<	400	<	400		300		320
M+P-XYLENE	UG/L	<	10		<	10	<	10	<	10	<	10

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	<	20		<	20	<	20	<	20	<	20
ACENAPHTHYLENE	UG/L	<	20		<	20	<	20	<	20	<	20
ANTHRACENE	UG/L	<	10		<	10	<	10	<	10	<	10
BENZIDINE	UG/L	<	620		<	620	<	620	<	620	<	620
BENZO(A)ANTHRACENE	UG/L	<	20		<	20	<	20	<	20	<	20
BENZO(A)PYRENE	UG/L	<	70		<	70	<	70	<	70	<	70
BENZO(B)FLUORANTHENE	UG/L	<	20		<	20	<	20	<	20	<	20
BENZO(G,H,I)PERYLENE	UG/L	<	60		<	60	<	60	<	60	<	60
BENZO(K)FLUORANTHENE	UG/L	<	20		<	20	<	20	<	20	<	20
BIS(2-CL-ETHOXY)METHANE	UG/L	<	30		<	30	<	30	<	30	<	30
BIS(2-CHLOROETHYL)ETHER	UG/L	<	50		<	50	<	50	<	50	<	50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	<	30		<	30	<	30	<	30	<	30
DIETHYLHEXYL PHTHALATE	UG/L	<	100		<	100		49	C	<	100	
4-BROMOPHENYL PHENYLETHER	UG/L	<	90		<	90		90		<	90	
BUTYLBENZYL PHTHALATE	UG/L	<	30		<	30		30		<	30	
2-CHLORONAPHTHALENE	UG/L	<	10		<	10		10		<	10	
4-CHLOROPHENYLPHENYLETHER	UG/L	<	20		<	20		20		<	20	
CHRYSENE	UG/L	<	20		<	20		20		<	20	
DIBENZO(A,H)ANTHRACENE	UG/L	<	60		<	60		60		<	60	
1,2-DICHLOROBENZENE	UG/L	<	100		<	100		100		<	100	
1,3-DICHLOROBENZENE	UG/L	<	100		<	100		100		<	100	
1,4-DICHLOROBENZENE	UG/L	<	14	C	<	20		20		<	21	
3,3'-DICHLOROBENZIDINE	UG/L	<	1000		<	1000		1000		<	1000	
DIETHYL PHTHALATE	UG/L	<	20		<	20		20		<	20	
DIMETHYL PHTHALATE	UG/L	<	30		<	30		30		<	30	
DI-N-BUTYL PHTHALATE	UG/L	<	40		<	40		40		<	40	
2,4-DINITROTOLUENE	UG/L	<	30		<	30		30		<	30	
2,6-DINITROTOLUENE	UG/L	<	50		<	50		50		<	50	
DI-N-OCTYL PHTHALATE	UG/L	<	50		<	50		50		<	50	
1,2-DIPHENYLHYDRAZINE	UG/L	<	10		<	10		10		<	10	
FLUORANTHENE	UG/L	<	20		<	20		20		<	20	
FLUORENE	UG/L	<	20		<	20		20		<	20	
HEXACHLOROBENZENE	UG/L	<	10		<	10		10		<	10	
HEXACHLOROBUTADIENE	UG/L	<	100		<	100		100		<	100	
HEXACHLOROXYCLOPENTADIENE	UG/L	<	1000		<	1000		1000		<	1000	

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A	MO6A
		SJ70398	SJ70404	SJ74465	SJ74470	SJ78469	SJ78472	SJ82569	SJ82572	SJ82574	SJ82577
		01/07/94	01/07/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94	10/05/94	10/05/94

ACID-BASE NEUTRAL EXTRACTABLE

HEXACHLOROETHANE	UG/L	<	120	<	120	<	120	<	120	<	120
INDENO(1,2,3-C,D)PYRENE	UG/L	<	60	<	60	<	60	<	60	<	60
ISOPHORONE	UG/L	<	30	<	30	<	30	<	30	<	30
NAPHTHALENE	UG/L	<	20	<	20	<	20	<	20	<	20
NITROBENZENE	UG/L	<	20	<	20	<	20	<	20	<	20
N-NITROSODIMETHYLAMINE	UG/L	<	300	<	300	<	300	<	300	<	300
N-NITROSODI-N-PROPYLAMINE	UG/L	<	20	<	20	<	20	<	20	<	20
PHENANTHRENE	UG/L	<	10	<	10	<	10	<	10	<	10
PYRENE	UG/L	<	20	<	20	<	20	<	20	<	20
2,3,7,8-TCDD	UG/L	<	30	<	30	<	30	<	30	<	30
2-CHLOROPHENOL	UG/L	<	80	<	80	<	80	<	80	<	80
1,2,4-TRICHLOROBENZENE	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DICHLOROPHENOL	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DIMETHYLPHENOL	UG/L	<	30	<	30	<	30	<	30	<	30
2,4-DINITROPHENOL	UG/L	<	390	<	390	<	390	<	390	<	390
2-METHYL-4,6DINITROPHENOL	UG/L	<	170	<	170	<	170	<	170	<	170
2-NITROPHENOL	UG/L	<	50	<	50	<	50	<	50	<	50
4-NITROPHENOL	UG/L	<	60	<	60	<	60	<	60	<	60
4-CHLORO-3-METHYLPHENOL	UG/L	<	20	<	20	<	20	<	20	<	20
PENTACHLOROPHENOL	UG/L	<	160	<	160	<	160	<	160	<	160
PHENOL	UG/L	<	30	<	300	<	30	<	30	<	30
2,4,6-TRICHLOROPHENOL	UG/L	<	20	<	20	<	20	<	20	<	20
N-NITROSODIPHENYLAMINE	UG/L	<	20	<	20	<	20	<	20	<	20

FOOTNOTES : A-ND = NONE DETECTED B-DUPLICATE SPIKE C-VALUE <MDL, >IDL D-DUP & SPIKE E-BLANK CONTAMINANT  
 F-AVERAGE OF DUPS G-AVERAGE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M06A	880113 SJ50320	VOC'S:1/26/88 BY MONT.LABS.; THF:2000UG/L; C-1,2-DCE:74 UG/L
M06A	880413 SJ53683	VOC'S BY MONTGOMERY LABS 4-26-88; THF:900;C-1,2-DCE:83UG/L;
M06A	880719 SJ57221	VOC'S 7/28/88; C-1,2-DCE:130UG/L; F-21:30UG/L; THF:1500UG/L; 204 @ SJCTPL
M06A	881013 SJ60619	VOC'S 10/19/88;THF:1200UG/L;F-21:28UG/L;C-1,2-DCE:150UG/L; #314 AT VAL.
M06A	890119 SJ70653	408 RUN BY POM R&D 314 AT VAL.:VOC'S MONT. LABS 1-27-89: THF:430UG/L;C-1,2-DCE:200UG/L;
M06A	890426 SJ74194	VOC'S 4/28/89;THF:1300UG/L;F-21:21UG/L;C-1,2-DCE:160UG/L; @ LBTPPL 151,301,257 408 RUN BY POM R&D
M06A	890707 SJ76915	101,151,155,312 RUN BY POM R&D @ LBTPPL #257, VOC'S 7/14/89; C-1,2-DCE = 270 UG/L; THF = 1900 UG/L; F-21 = 38 UG/L; ETHYL ETHER = 24 UG/L
M06A	891004 SJ80360	314=VALTPL,312=POMR/D VOC'S 10/16/89; CIS-1,2-DICHLOROETHYLENE= 210 UG/L
M06A	900109 SJ90269	102,310=SJCTPL,257,301=LBTPPL,314=VALTPL 312,408=POMR/D VOC'S 1/22/90; C-1,2-DCE = 300UG/L, THF = 2000UG/L.
M06A	900406 SJ93807	301,257=LB,204,314=POMR/D VOC'S 4/16/90; C-1,2-DCE: 82UG/L, THF: 2000UG/L.

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M06A	900706 SJ98919	257,301=LB,310=SJCTPL,201,204,312,314=POMR/D VOC's 7/10/90 C-1,2-DCE: 300UG/L.
M06A	901003 SJ03407	408=WN,204,312,314=POMR/D VOC's 10/9/90 C-1,2-DCE:300UG/L
M06A	910108 SJ10295	257,301=LB BCA LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY= <0.03MG/L AND THALLIUM=<0.03MG/L PESTICIDES/PCB'S ANALYZED AT JWPCP (JW80431) VOC'S MONTGOMERY LABS 370 & 371 BY TMA BNA EXT 01-14-91 INJ 01-23-91 TESTS 370: +/- 66; 371: +/- 30
M06A	910403 SJ14014	257,301=LB TOX, ARSENIC, SELENIUM BROWN & CALDWELL VOC's 4/4/91 THF:APPROX. 980UG/L C-1,2-DCE:400UG/L
M06A	910710 SJ18737	404=LC 705, 720 = BROWN & CALDWELL 410 = MONTGOMERY LABS MDL 160 UG/L VOAS = MONTGOMERY LABS RADIOACTIVITY: ALPHA=2SIGMA 21, BETA=2SIGMA 12/MONTGOMERY BNA EXT 07-16-91 INJ 07-20-91 BNA MATRIX INTERFERENCE CONFIRMED BY DILUTION. TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M06A	911002 SJ23432	VOC's 10/3/91 C-1,2-DCE:380UG/L THF:APPROX. 1100UG/L
M06A	920102 SJ30034	ALPHA/2SIGMA = 3.3, BETA/2SIGMA = 2.1 BNA EXT 01-06-92 INJ 01-13-92

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
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M06A	920330 SJ34697	HG REANALYSIS: < 0.0001 MG/L VOC'S 4/6/92; CIS-1,2-DCE: 390UG/L

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M06A WELL	070992 SJ40162	370 - ALPHA/2SIGMA = 49PCI/L, 371 - BETA/2SIGMA = 18PCI/L  BNA EXT 07-30-92 INJ 08-12-92 BLANK 855: 1 UG/L BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M06A WELL	100292 SJ44786	VOC'S 10/08/92 CH2CL2 BLK: 7.4UG/L
M06A WELL	123192 SJ49451	ML REPORT #4795; TOX ML REPORT #4794; VOLATILE ORGANICS. ML REPORT #4793; ALPHA & BETA ALPHA 2 SIGMA +/- 32 PCI/L, BETA 2 SIGMA +/- 20 PCI/L BNA EXT 01-06-93 INJ 01-12-93 BNA TO BE RERUN. BNA PASS HOLDING TIME, REPORT RESET VALUE
M06A WELL	040693 SJ55016	ML REPORT #6386; TEST 410 (TOX).  VOC's 04/07/93; C-1,2-DCE:410UG/L
M06A WELL	070193 SJ59389	ML REPORT #7839; TEST 410 (TOX). ML REPORT #7838; ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 35 PCI/L, BETA 2 SIGMA +/- 18 PCI/L. BNA EXT 7-7-93 INJ 7-29-93 BLANK: 812 2UG/L BNA TO BE RESET
M06A WELL	093093 SJ63740	ML REPORT #9664; TEST 410 (TOX).  VOCs 10/13/93
M06A WELL	010794 SJ70404	HEXAVALENT CHROMIUM: INTERFERENCE  ML REPORT #11375; ALPHA & BETA, TOX. ALPHA 2 SIGMA +/- 33 PCI/L, BETA 2 SIGMA +/- 20 PCI/L. VOCs 01/12/94 BNA EXT 01-11-94 INJ 02-02-94
M06A WELL	040494 SJ74470	VOCs 04/06/94
M06A WEFI	063094 SJ78469	HEADER INFORMATION MODIFIED ON 09/19/94
M06A WELL	063094 SJ78472	ML REPORT #14241; ALPHA & BETA. ALPHA 2 SIGMA +/- 54 PCI/L, BETA 2 SIGMA +/- 16 PCI/L. VOCs 07/05/94 BNA EXT: 7-1-94 INJ: 7-8-94

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M06A WELL	100594 SJ82574	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 64.1 PCI/L; BETA 2 SIGMA +/- 29.5 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/07/94 BNA EXT: 10-07-94 INJ: 10-26-94 BNA FOOTNOTE 35.
M06A WELL	100594 SJ82577	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 51.2 PCI/L; BETA 2 SIGMA +/- 23.9 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/06/94 BNA EXT: 10-13-94 INJ: 10-26-94

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ30242 01/09/87	WELL M06B SJ32709 04/10/87	WELL M06B SJ35102 07/08/87	WELL M06B SJ38525 10/22/87	WELL M06B SJ50321 01/13/88	WELL M06B SJ53684 04/13/88	WELL M06B SJ57222 07/19/88	WELL M06B SJ60620 10/13/88	WELL M06B SJ70654 01/19/89	WELL M06B SJ74195 04/26/89
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	658	647	658	516	484	409	640	653	663	703
TANNIN & LIGNIN	MG/L				2.42	2.84	7.0	4.4	5.5	6.7	
OIL & GREASE	MG/L EXTRAC				96	174	< 1	11	5.1	3	2
ACETIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
PROPIONIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.048	0.043	0.070	0.08	0.068	0.099	0.30	0.090	0.13 E	0.07
BARIUM	MG/L BA	0.20	0.23	0.45		0.75	1.29	0.79	0.65 D	1.10 E	0.57
CADMIUM	MG/L CD			0.02	0.03	0.06	0.07	0.15	0.16 D	0.17 E	0.13
TOTAL CHROMIUM	MG/L CR	0.20	0.16	0.11	0.33	0.56	0.33	0.65	0.57 D	0.42 E	0.29
HEXAVALENT CHROMIUM	MG/L CR	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.02	< 0.10	< 0.10	< 0.10	< 0.02
COPPER	MG/L CU	0.38	0.13	0.29	0.14	0.39	0.21	0.56	0.40 D	0.32 E	0.16
LEAD	MG/L PB	< 0.49	< 0.49	< 0.49	< 0.49	0.5	0.28	0.06	0.06 D	< 0.04 E	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	.0002 C	.0001	.0004 D	.0003 D	.0008	.0001	<.0001 E	.0003
NICKEL	MG/L NI	0.59	0.72	0.74	0.76	0.86	0.94	1.48	1.98 D	1.55 E	1.14
SELENIUM	MG/L SE	0.095	0.006	<0.010	0.05	0.081	0.071	0.15	0.12	0.10 E	0.14
SILVER	MG/L AG			< 0.49		0.02	0.07	0.029	0.015 D	0.02 E	0.025
ZINC	MG/L ZN	0.23	0.27	0.25	0.29	1.09	0.42	1.05	0.45 D	0.62 E	0.28
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 2.0	360	< 2.0	1300	< 500	< 100	< 2.5	< 2.5	< 250	< 5.0
CHLOROFORM	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
CARBON TETRACHLORIDE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
1,1-DICHLOROETHENE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 0.5
TRICHLOROETHYLENE	UG/L	22	36	37	57	< 10	23	27	28	50	31
TETRACHLOROETHYLENE	UG/L	2.2	10	5.0	< 25	< 10	< 10	3.5	4.4	< 25	4.2
BROMODICHLOROMETHANE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
BROMOFORM	UG/L	< 5.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
CHLOROBENZENE	UG/L	320	730	720	700	890	270	580	140	650	730
VINYL CHLORIDE	UG/L	1100	2200	2300	6000	3500	160	1300	1200	4000	2200
O-DICHLOROBENZENE	UG/L	< 2.0	< 50	< 2.0	< 125	< 50	< 50	< 2.5	< 2.5	< 125	< 2.5
M-DICHLOROBENZENE	UG/L				< 125	< 50	< 50	< 2.5	< 2.5	< 125	< 2.5
P-DICHLOROBENZENE	UG/L				< 125	< 50	< 50	8.1	< 2.5	< 125	< 2.5
1,1-DICHLOROETHANE	UG/L	110	160	180	200	82	52	130	120	180	130

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

B-AVERAGE  
G-ND = NONE DETECTED

C-INTERFERENCE  
H-VALUE <MDL, >IDL

D-DUP & SPIKE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M06B SJ30242 01/09/87	M06B SJ32709 04/10/87	M06B SJ35102 07/08/87	M06B SJ38525 10/22/87	M06B SJ50321 01/13/88	M06B SJ53684 04/13/88	M06B SJ57222 07/19/88	M06B SJ60620 10/13/88	M06B SJ70654 01/19/89	M06B SJ74195 04/26/89
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
1,2-DICHLOROETHANE	UG/L	330	440	470	520	230	180	360	320	430	360
BENZENE	UG/L	56	180	140	220	56	26	57	16	100	47
TOLUENE	UG/L	3.6	< 50	20	< 125	< 50	< 50	12	< 2.5	< 125	10
ETHYL BENZENE	UG/L	< 2.0	< 10	< 10	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	11	27	29	43	< 10	< 10	20	17	50	19
BROMOMETHANE	UG/L	< 5.0	< 100	< 10	< 250	< 100	< 100	< 15	< 15	< 250	< 15
CHLOROETHANE	UG/L	< 5.0	< 100	< 4.0	< 250	< 100	< 100	< 5.0	< 5.0	< 250	< 5.0
2-CHLOROETHYLVINYLETHER	UG/L	< 25	< 100	< 20	< 250	< 100	< 100	< 5.0	< 5.0	< 250	< 5.0
CHLOROMETHANE	UG/L	< 5.0	< 100	< 4.0	< 250	< 100	< 100	< 5.0	< 5.0	< 250	< 25
1,2-DICHLOROPROPANE	UG/L	14	38	29	46	< 10	15	22	19	< 25	22
CIS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 10	< 4.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 10	< 4.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 2.0	< 10	< 2.0	< 25	< 10	< 10	< 2.5	< 2.5	< 25	< 2.5
ACETONE	UG/L		< 100	< 40		< 1000	< 100	< 50	430	< 250	< 50
2-BUTANONE	UG/L			< 40		< 100	< 100	< 50	< 50	< 250	< 50
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 5.0	< 0.1	< 0.2							
ACENAPHTHYLENE	UG/L	< 5.0	< 0.2	< 0.2							
ANTHRACENE	UG/L	< 5.0	< 0.1	< 0.1							
BENZIDINE	UG/L	< 50	< 2.2	< 1.1							
BENZO(A)ANTHRACENE	UG/L	< 5.0	< 0.2	< 0.2							
BENZO(A)PYRENE	UG/L	< 5.0	< 1.1	< 0.3							
BENZO(B)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BENZO(G,H,I)PERYLENE	UG/L	< 10	< 2.2	< 0.4							
BENZO(K)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BIS(2-CL-ETHOXY)METHANE	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 10	< 0.6	< 0.1							
DIETHYLHEXYL PHTHALATE	UG/L	< 20	33	2.9							
4-BROMOPHENYL PHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
BUTYLBENZYL PHTHALATE	UG/L	< 5.0	< 2.2	< 0.3							
2-CHLORONAPHTHALENE	UG/L	< 5.0	< 0.2	< 0.2							
4-CHLOROPHENYLPHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
CHRYSENE	UG/L	< 5.0	< 0.6	< 0.2							
DIBENZO(A,H)ANTHRACENE	UG/L	< 10	< 5.6	< 0.9							
1,2-DICHLOROBENZENE	UG/L	< 5.0	1.9	1.8							
1,3-DICHLOROBENZENE	UG/L	< 5.0	< 0.1	< 0.1							
1,4-DICHLOROBENZENE	UG/L	< 5.0	8.4	9.4							
3,3'-DICHLOROBENZIDINE	UG/L	< 50	< 5.6	< 0.3							
DIETHYL PHTHALATE	UG/L	< 5.0	< 0.6	< 0.1							

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

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E-DUPLICATE SPIKE



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M06B SJ30242 01/09/87	M06B SJ32709 04/10/87	M06B SJ35102 07/08/87	M06B SJ38525 10/22/87	M06B SJ50321 01/13/88	M06B SJ53684 04/13/88	M06B SJ57222 07/19/88	M06B SJ60620 10/13/88	M06B SJ70654 01/19/89
ACID-BASE NEUTRAL EXTRACT										
DIMETHYL PHTHALATE	UG/L	< 5.0	< 0.2	< 0.1						
DI-N-BUTYL PHTHALATE	UG/L	< 10	3.3	0.6						
2,4-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 3.1						
2,6-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 1.3						
DI-N-OCTYL PHTHALATE	UG/L	< 10	< 2.2	< 0.4						
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 0.2	< 0.1						
FLUORANTHENE	UG/L	< 5.0	< 0.6	< 0.1						
FLUORENE	UG/L	< 5.0	< 0.1	< 0.1						
HEXACHLORO BENZENE	UG/L	< 5.0	< 0.6	< 0.2						
HEXACHLOROBUTADIENE	UG/L	< 10	< 0.6	< 0.2						
HEXACHLOROCYCLOPENTADIENE	UG/L	< 10	< 1.1	< 1.3						
HEXACHLOROETHANE	UG/L	< 5.0	< 0.2	< 0.7						
INDENO(1,2,3-C,D)PYRENE	UG/L	< 10	< 4.4	< 0.6						
ISOPHORONE	UG/L	< 5.0	0.8	2.0						
NAPHTHALENE	UG/L	< 5.0	0.4	< 0.1						
NITROBENZENE	UG/L	< 5.0	< 0.2	< 0.7						
N-NITROSODIMETHYLAMINE	UG/L	< 5.0	< 1.1	< 1.0						
N-NITROSODI-N-PROPYLAMINE	UG/L	< 5.0	< 1.1	< 0.4						
PHENANTHRENE	UG/L	< 5.0	1.0	< 0.1						
PYRENE	UG/L	< 5.0	< 0.6	< 0.1						
2,3,7,8-TCDD	UG/L	< 50	< 0.1	< 0.2						
2-CHLOROPHENOL	UG/L	13	< 0.1	< 0.3						
1,2,4-TRICHLORO BENZENE	UG/L	< 5.0	< 0.2	< 0.2						
2,4-DICHLOROPHENOL	UG/L	< 5.0	< 0.6	< 0.4						
2,4-DIMETHYLPHENOL	UG/L	< 5.0	< 0.6	< 0.6						
2,4-DINITROPHENOL	UG/L	< 50	< 8.3	< 5.6						
2-METHYL-4,6DINITROPHENOL	UG/L	< 50	< 2.8	< 3.6						
2-NITROPHENOL	UG/L	< 5.0	< 2.8	< 1.0						
4-NITROPHENOL	UG/L	< 10	< 1.3	< 1.2						
4-CHLORO-3-METHYLPHENOL	UG/L	< 5.0	< 0.2	< 1.1						
PENTACHLOROPHENOL	UG/L	< 10	< 0.6	< 1.1						
PHENOL	UG/L	< 5.0	< 0.6	< 0.3						
2,4,6-TRICHLOROPHENOL	UG/L	< 5.0	< 0.3	< 0.3						
N-NITROSODIPHENYLAMINE	UG/L	< 5.0	2.1	< 0.1						

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PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ76916 07/07/89	WELL M06B SJ80361 10/04/89	WELL M06B SJ90270 01/09/90	WELL M06B SJ93808 04/06/90	WELL M06B SJ98920 07/06/90	WELL M06B SJ03408 10/03/90	WELL M06B SJ10297 01/08/91	WELL M06B SJ14013 04/03/91	WELL M06B SJ18738 07/10/91	WELL M06B SJ23433 10/02/91
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	49.4	49.1	49.1	49.0	49.2	49.5	49.2	49.4	49.2	48.9
DEPTH TO BOTTOM	FT	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	19	20	21	19	20	18	19	19	20	19
FIELD WATER TEMPERATURE	DEG C	21	20	18	20	21	20	19	21	20	21
FIELD PH	PH	6.50	6.60	6.40	6.75	6.71	6.65	6.50	6.89	6.5	6.30
FIELD CONDUCTIVITY	UMHOS/CM	10700	11500	11900	7800	11200	11500	11300	11500	12200	11750
FIELD DISSOLVED O2	MG/L	2.0	2.0	5.1		2.5	2.3	1.6	1.9	2.3	1.6
FIELD DISSOLVED CO2	MG/L	573	451	411.3	202.7	324.4	301.0	447.0	382.8	390.7	732.2
FIELD TOTAL ALKALINITY	MG/L	1452	1470	1466	884	1482	1426	1470	1502	1462	1482
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	7.25	7.0	7.15	6.92	6.70	6.75	6.82	7.39	7.43	6.90
CONDUCTIVITY	UMHOS/CM	10350	9200	10500	7650	11300 A	11500	11700 A	12000	11800	11100
SUSPENDED SOLIDS	MG/L	1385	1050	892	342	211	917				
TOTAL DISSOLVED SOLIDS	MG/L	12690	12500	12800	7770	12700	12800	13090	13120	13005	13250
TOTAL HARDNESS	MG/L CaCO3	8770	7180	8280 F	4910 F	8140 F	7660				
PHENOLS	MG/L C6H5OH	0.011	0.002	0.006	0.010	0.015	0.001				
BORON	MG/L B	4.14	2.45	3.82	2.83	3.34	3.72				
GROSS ALPHA RADIOACTIVITY	PCI/L							592		580	
GROSS BETA RADIOACTIVITY	PCI/L							205		310	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	2.12	1.49	1.04	0.96	0.76	0.84	0.20	0.41	0.35	0.31
SULFATE	MG/L SO4	5960	5760	6250	3800	5630	6040	6800	6060	5430	6530
CHLORIDE	MG/L CL	1060 D	1060	1130	710	1180	1100	1160	1460	1140	1160
TOTAL ALKALINITY	MG/L CaCO3							1430	1480	1440	1470
BICARBONATE ALKALINITY	MG/L CaCO3							1430	1480	1440	1470
TOTAL PHOSPHATE	MG/L PO4	48.6	33.6	33.2	17.2 D	69.5	31.0				
TOTAL SULFIDE	MG/L S							< 0.1 A	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	2330	1290	2010	1660 E	1980	1850	1730 E	2020	1390	1800
MAGNESIUM-HARDNESS	MG/L CaCO3	6440	5890	6270	3250 E	6160	5810	5730 E	6310	6080	6350
SODIUM	MG/L NA	650	705	703	455 E	702	967	660 E	665	726	733
POTASSIUM	MG/L K	20	17	15	10 E	18	18	12 E	14	12	13
IRON	MG/L FE	67.3	51.1	50.6	20.2 E	83.7	65.2	45.3 E		34.5	
MANGANESE	MG/L MN	4.93	5.71	5.53	2.64 E	4.51	5.25	4.69 E		5.02	

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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PALOS VERDES LANDFILL

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<b>ORGANIC MATTER</b>											
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.1	< 0.1	0.1	< 0.01	< 0.1	< 0.1	0.2	< 0.1	< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N						13.5	14.2	13.8	14.0	
SOLUBLE BOD	MG/L O	1	1	< 1 A	< 1	< 1 A	2	1 A	1	3	3
TOTAL COD	MG/L O	855	820 D	803 D	560 D	952	834 D				
SOLUBLE COD	MG/L O	741	743	754 D	518 D	745	756	700	849	794	849
TOTAL ORGANIC CARBON	MG/L C							290	290	300	310
OIL & GREASE	MG/L EXTRAC	3.9	< 1	7	1.0	3.2	< 1	< 1	2.2	1.3	< 1
TOTAL ORGANIC HALOGEN(TOX	MG/L							2.8	0.460	0.860	1.400
ACETIC ACID	MG/L	< 2.0	< 2.0	< 15 C	< 2.0	< 2.0	< 2.0				
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
VALERIC ACID	MG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0				
<b>METALS</b>											
ARSENIC	MG/L AS	0.074	0.12	0.14	0.056 E	0.18	0.10	.0012	0.040	0.046 I	0.051
BARIUM	MG/L BA	1.17	0.71	0.44	0.26 E	0.82	0.76	0.11 E	0.24	< 0.05	0.03
CADMIUM	MG/L CD	0.10	0.13	0.11	0.09 E	0.12	0.13	0.11 E	0.14	< 0.02	0.01
TOTAL CHROMIUM	MG/L CR	0.39	0.39	0.28	0.20 E	0.31	0.34	0.22 E	0.24	< 0.05	0.03
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	< 0.02	< 0.02	< 0.04	< 0.04	< 0.04		0.033 C	
COPPER	MG/L CU	0.22	0.19	0.15	0.12 E	0.21	0.26	0.13 E		0.08	
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04 E	< 0.04	< 0.04	< 0.04 E	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	.0003	.0002	.0004	.0003	.0002 E	<.0001 E	<.0001	.0001	.0003	<.0001
NICKEL	MG/L NI	1.12	1.16	1.08	0.56 E	0.97	1.10	0.95 E		0.58	
SELENIUM	MG/L SE	0.026	0.154	0.148	0.070 E	0.159	0.132	<.0005	0.096	0.072 I	0.075
SILVER	MG/L AG	0.022	0.023	0.026	0.018 E	0.03	0.035	0.03 E	0.024	0.028	0.018
ZINC	MG/L ZN	0.39	0.29	0.24	0.13 E	0.38	0.33	0.14 E		0.12	
<b>PESTICIDES</b>											
PP'-DDE	UG/L							< 0.01		< 0.01	
PP'-DDD	UG/L							< 0.01		< 0.01	
PP'-DDT	UG/L							< 0.01		< 0.01	
ALPHA-BHC	UG/L							< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L							< 0.01		< 0.01	
HEPTACHLOR	UG/L							< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L							< 0.01		< 0.01	
ALDRIN	UG/L							< 0.01		< 0.01	

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PESTICIDES

DIELDRIIN	UG/L							< 0.01		< 0.01	
ENDRIIN	UG/L							< 0.01		< 0.01	
TOXAPHENE	UG/L							< 5		< 1.0	
AROCLOR 1242	UG/L							< 0.1		< 0.1	
AROCLOR 1254	UG/L							< 0.1		< 0.1	
BETA-BHC	UG/L							< 0.01		< 0.01	
DELTA-BHC	UG/L							< 0.01		< 0.01	
CIS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L							< 0.01		< 0.01	
OXYCHLORDANE	UG/L							< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L								G		G
ENDOSULFAN I	UG/L							< 0.01		< 0.01	
ENDOSULFAN II	UG/L							< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L							< 0.01		< 0.01	
ENDRIIN ALDEHYDE	UG/L							< 0.01		< 0.2	
AROCLOR 1016	UG/L							< 0.1		< 0.1	
AROCLOR 1221	UG/L							< 0.1		< 0.5	
AROCLOR 1232	UG/L							< 0.1		< 0.5	
AROCLOR 1248	UG/L							< 0.1		< 0.1	
AROCLOR 1260	UG/L							< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L								G	< 0.1	

VOLATILE ORGANIC COMPOUND

METHYLENE CHLORIDE	UG/L	< 15	< 20	< 10	< 25	< 10	< 10	< 500	< 20	< 1500 I	< 100
CHLOROFORM	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
1,1,1-TRICHLOROETHANE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
CARBON TETRACHLORIDE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 5.0	< 250 I	< 25
1,1-DICHLOROETHENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 5.0	< 250 I	< 25
TRICHLOROETHYLENE	UG/L	51	38	30	< 25	31	36	53	36	< 250 I	47
TETRACHLOROETHYLENE	UG/L	7.9	< 10	< 10	< 25	< 10	< 10	< 50	< 5.0	< 250 I	< 25
BROMODICHLOROMETHANE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
DIBROMOCHLOROMETHANE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
BROMOFORM	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
CHLOROBEZENE	UG/L	1100	810	780	480	810	950	1000	900	880 I	920
VINYL CHLORIDE	UG/L	3600	1800	1800	1900	1700	2000	< 100	1900	2400 I	2200
O-DICHLOROBEZENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
M-DICHLOROBEZENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250 I	< 50
P-DICHLOROBEZENE	UG/L	21	< 20	13	< 25	< 10	< 10	< 50	16	< 250 I	< 50
1,1-DICHLOROETHANE	UG/L	230	160	140	110	140	160	180	140	< 250 I	160
1,1,2-TRICHLOROETHANE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 5.0	< 250 I	< 25
1,2-DICHLOROETHANE	UG/L	590	370	380	310	360	380	350	380	300 I	350

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<b>VOLATILE ORGANIC COMPOUND</b>											
BENZENE	UG/L	79	48	46	< 25	75	69	75	54	< 250	I 41
TOLUENE	UG/L	18	< 10	13	< 25	15	12	< 50	9.2	< 250	I < 25
ETHYL BENZENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 5.0	< 250	I < 25
O-XYLENE	UG/L									< 250	I
TRANS-1,2-DICHLOROETHYLEN	UG/L	39	26	23	< 25	19	21	< 50	26	< 250	I 32
BROMOMETHANE	UG/L	< 25	< 100	< 50	< 120	< 50	< 50	< 100	< 50	< 500	I < 250
CHLOROETHANE	UG/L	< 10	< 100	< 50	< 120	< 50	< 50	< 100	< 50	< 500	I < 250
2-CHLOROETHYLVINYLETER	UG/L	< 10	< 20	< 20	< 50	< 20	< 20	< 100	< 20	< 500	I < 100
CHLOROMETHANE	UG/L	< 50	< 100	< 50	< 120	< 50	< 50	< 100	< 50	< 500	I < 250
1,2-DICHLOROPROPANE	UG/L	< 5.0	27	24	< 25	22	22	< 50	22	< 250	I < 25
CIS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250	I < 50
TRANS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250	I < 50
1,1,2,2-TETRACHLOROETHANE	UG/L	< 5.0	< 10	< 10	< 25	< 10	< 10	< 50	< 10	< 250	I < 50
ACROLEIN	UG/L							< 100		< 500	I
ACRYLONITRILE	UG/L							< 100		< 500	I
FREON 11 (CCL3F)	UG/L									< 500	I
ACETONE	UG/L	< 100	72 E	< 200	< 500	390	< 200			< 5000	I
CIS-1,2-DICHLOROETHYLENE	UG/L									280	I
TETRAHYDROFURAN	UG/L									< 5000	I
2-BUTANONE	UG/L	< 100	< 10 E	< 200	< 500	< 200	< 200			< 500	I
4-METHYL-2-PENTANONE	UG/L									< 500	I
STYRENE	UG/L									< 250	I
M+P-XYLENE	UG/L									< 250	I
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L							< 2		< 2	
ACENAPHTHYLENE	UG/L							< 2		< 2	
ANTHRACENE	UG/L							< 1		< 1	
BENZIDINE	UG/L							< 62		< 62	
BENZO(A)ANTHRACENE	UG/L							< 2		< 2	
BENZO(A)PYRENE	UG/L							< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L							< 2		< 2	
BENZO(G.H.I.)PERYLENE	UG/L							< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L							< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L							< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L							< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L							< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L							< 10		3	H
4-BROMOPHENYL PHENYLETER	UG/L							< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L							< 3		< 3	
2-CHLORONAPHTHALENE	UG/L							< 1		< 1	
4-CHLOROPHENYLPHENYLETER	UG/L							< 2		< 2	

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

B-AVERAGE  
G-ND = NONE DETECTED

C-INTERFERENCE  
H-VALUE <MDL, >IDL

D-DUP & SPIKE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ76916 07/07/89	WELL M06B SJ80361 10/04/89	WELL M06B SJ90270 01/09/90	WELL M06B SJ93808 04/06/90	WELL M06B SJ98920 07/06/90	WELL M06B SJ03408 10/03/90	WELL M06B SJ10297 01/08/91	WELL M06B SJ14013 04/03/91	WELL M06B SJ18738 07/10/91	WELL M06B SJ23433 10/02/91
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ACID-BASE NEUTRAL EXTRACT

CHRYSENE	UG/L							< 2		< 2	
DIBENZO(A,H)ANTHRACENE	UG/L							< 6		< 6	
1,2-DICHLOROBENZENE	UG/L							3 H		3 H	
1,3-DICHLOROBENZENE	UG/L							< 10		< 10	
1,4-DICHLOROBENZENE	UG/L							13		14	
3,3'-DICHLOROBENZIDINE	UG/L							< 100		< 100	
DIETHYL PHTHALATE	UG/L							< 2		< 2	
DIMETHYL PHTHALATE	UG/L							< 3		< 3	
DI-N-BUTYL PHTHALATE	UG/L							< 4		< 4	
2,4-DINITROTOLUENE	UG/L							< 3		< 3	
2,6-DINITROTOLUENE	UG/L							< 5		< 5	
DI-N-OCTYL PHTHALATE	UG/L							< 5		< 5	
1,2-DIPHENYLHYDRAZINE	UG/L							< 1		< 1	
FLUORANTHENE	UG/L							< 2		< 2	
FLUORENE	UG/L							< 2		< 2	
HEXACHLOROBENZENE	UG/L							< 1		< 1	
HEXACHLOROBUTADIENE	UG/L							< 10		< 10	
HEXACHLOROCYCLOPENTADIENE	UG/L							< 100		< 100	
HEXACHLOROETHANE	UG/L							< 12		< 12	
INDENO(1,2,3-C,D)PYRENE	UG/L							< 6		< 6	
ISOPHORONE	UG/L							1 H		< 3	
NAPHTHALENE	UG/L							< 2		< 2	
NITROBENZENE	UG/L							< 2		< 2	
N-NITROSODIMETHYLAMINE	UG/L							< 30		< 30	
N-NITROSODI-N-PROPYLAMINE	UG/L							< 2		< 2	
PHENANTHRENE	UG/L							< 1		< 1	
PYRENE	UG/L							< 2		< 2	
2,3,7,8-TCDD	UG/L							< 3		< 3	
2-CHLOROPHENOL	UG/L							< 8		< 1 H	
1,2,4-TRICHLOROBENZENE	UG/L							< 3		< 3	
2,4-DICHLOROPHENOL	UG/L							< 3		< 3	
2,4-DIMETHYLPHENOL	UG/L							< 3		< 3	
2,4-DINITROPHENOL	UG/L							< 39		< 39	
2-METHYL-4,6DINITROPHENOL	UG/L							< 17		< 17	
2-NITROPHENOL	UG/L							< 5		< 5	
4-NITROPHENOL	UG/L							< 6		< 6	
4-CHLORO-3-METHYLPHENOL	UG/L							< 2		< 2	
PENTACHLOROPHENOL	UG/L							< 16		< 16	
PHENOL	UG/L							< 3		< 2 H	
2,4,6-TRICHLOROPHENOL	UG/L							< 2		< 2	
N-NITROSODIPHENYLAMINE	UG/L							< 2		< 2	

FOOTNOTES : A-AVERAGE OF DUPS B-AVERAGE C-INTERFERENCE D-DUP & SPIKE E-DUPLICATE SPIKE  
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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06B SJ30035 01/02/92	M06B SJ34698 03/30/92
<b>FIELD PARAMETERS</b>			
DEPTH TO WATER	FT	49.0	48.2
DEPTH TO BOTTOM	FT	81.9	81.9
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	20
FIELD WATER TEMPERATURE	DEG C	20	20
FIELD PH	PH	6.60	6.42
FIELD CONDUCTIVITY	UMHOS/CM	11900	9000
FIELD DISSOLVED O2	MG/L	2.6	1.60
FIELD DISSOLVED CO2	MG/L	505.1	294.3
FIELD TOTAL ALKALINITY	MG/L	1420	900
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1
<b>GENERAL</b>			
PH	PH	6.76 A	6.95
CONDUCTIVITY	UMHOS/CM	11500	9500
TOTAL DISSOLVED SOLIDS	MG/L	13018	10190
GROSS ALPHA RADIOACTIVITY	PCI/L	105	
GROSS BETA RADIOACTIVITY	PCI/L	85	
<b>ANIONS</b>			
NITRATE NITROGEN	MG/L N	0.09	0.10
SULFATE	MG/L SO4	6880	4870
CHLORIDE	MG/L CL	1160	9.34
TOTAL ALKALINITY	MG/L CAC03	1350	1120
BICARBONATE ALKALINITY	MG/L CAC03	1350	1120
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1
<b>CATIONS</b>			
CALCIUM-HARDNESS	MG/L CAC03	1840	1380
MAGNESIUM-HARDNESS	MG/L CAC03	6030	4610
SODIUM	MG/L NA	718	569
POTASSIUM	MG/L K	13	10
IRON	MG/L FE	86.0	
MANGANESE	MG/L MN	4.54	
<b>ORGANIC MATTER</b>			
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.01
TOTAL KJELDAHL NITROGEN	MG/L N	8.1	11.8
SOLUBLE BOD	MG/L O	6	3

FOOTNOTES : A-AVERAGE OF DUPS  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ30035 01/02/92	WELL M06B SJ34698 03/30/92
<b>ORGANIC MATTER</b>			
SOLUBLE COD	MG/L O	763	593
TOTAL ORGANIC CARBON	MG/L C	340	240
OIL & GREASE	MG/L EXTRAC	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX	MG/L	0.900	1.000
<b>METALS</b>			
ARSENIC	MG/L AS	0.012	0.068
BARIUM	MG/L BA	0.05	0.08
CADMIUM	MG/L CD	0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	0.03	0.03
HEXAVALENT CHROMIUM	MG/L CR	< 0.04	
COPPER	MG/L CU	0.08	
LEAD	MG/L PB	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001
NICKEL	MG/L NI	0.54	
SELENIUM	MG/L SE	0.054	0.041
SILVER	MG/L AG	0.025	0.02
ZINC	MG/L ZN	0.12	
<b>PESTICIDES</b>			
PP'-DDE	UG/L	< 0.01	
PP'-DDD	UG/L	< 0.01	
PP'-DDT	UG/L	< 0.01	
ALPHA-BHC	UG/L	< 0.01	
LINDANE (GAMMA-BHC)	UG/L	< 0.01	
HEPTACHLOR	UG/L	< 0.01	
HEPTACHLOR EPOXIDE	UG/L	< 0.01	
ALDRIN	UG/L	< 0.01	
DIELDRIN	UG/L	< 0.01	
ENDRIN	UG/L	< 0.01	
TOXAPHENE	UG/L	< 5	
AROCLOR 1242	UG/L	< 0.1	
AROCLOR 1254	UG/L	< 0.1	
BETA-BHC	UG/L	< 0.01	
DELTA-BHC	UG/L	< 0.01	
CIS-CHLORDANE	UG/L	< 0.01	
TRANS-CHLORDANE	UG/L	< 0.01	
TRANS-NONACHLOR	UG/L	< 0.01	
OXYCHLORDANE	UG/L	< 0.01	
TOTAL DETECTED CHLORDANES	UG/L		G
ENDOSULFAN I	UG/L	< 0.01	

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06B SJ30035 01/02/92	M06B SJ34698 03/30/92
<b>PESTICIDES</b>			
ENDOSULFAN II	UG/L	< 0.01	
ENDOSULFAN SULFATE	UG/L	< 0.01	
ENDRIN ALDEHYDE	UG/L	< 0.01	
AROCLOR 1016	UG/L	< 0.1	
AROCLOR 1221	UG/L	< 0.1	
AROCLOR 1232	UG/L	< 0.1	
AROCLOR 1248	UG/L	< 0.1	
AROCLOR 1260	UG/L	< 0.1	
TECHNICAL CHLORDANE	UG/L	< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>			
METHYLENE CHLORIDE	UG/L	< 750	< 20
CHLOROFORM	UG/L	< 125	< 10
1,1,1-TRICHLOROETHANE	UG/L	< 125	< 10
CARBON TETRACHLORIDE	UG/L	< 125	< 5.0
1,1-DICHLOROETHENE	UG/L	< 125	< 5.0
TRICHLOROETHYLENE	UG/L	< 125	32
TETRACHLOROETHYLENE	UG/L	< 125	< 5.0
BROMODICHLOROMETHANE	UG/L	< 125	< 10
DIBROMOCHLOROMETHANE	UG/L	< 125	< 10
BROMOFORM	UG/L	< 125	< 10
CHLOROBENZENE	UG/L	690	1100
VINYL CHLORIDE	UG/L	1300	1400
O-DICHLOROBENZENE	UG/L	< 125	< 10
M-DICHLOROBENZENE	UG/L	< 125	< 10
P-DICHLOROBENZENE	UG/L	< 125	< 10
1,1-DICHLOROETHANE	UG/L	130	150
1,1,2-TRICHLOROETHANE	UG/L	< 125	< 5.0
1,2-DICHLOROETHANE	UG/L	280	330
BENZENE	UG/L	< 125	55
TOLUENE	UG/L	< 125	16
ETHYL BENZENE	UG/L	< 125	< 5.0
O-XYLENE	UG/L	< 125	
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 125	19
BROMOMETHANE	UG/L	< 250	< 50
CHLOROETHANE	UG/L	< 250	< 50
2-CHLOROETHYLVINYLEETHER	UG/L	< 250	< 20
CHLOROMETHANE	UG/L	< 250	< 50
1,2-DICHLOROPROPANE	UG/L	< 125	19
CIS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10
TRANS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 125	< 10

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06B SJ30035 01/02/92	M06B SJ34698 03/30/92
<b>VOLATILE ORGANIC COMPOUND</b>			
ACROLEIN	UG/L	< 250	
ACRYLONITRILE	UG/L	< 250	
FREON 11 (CCL3F)	UG/L	< 250	
ACETONE	UG/L	< 2500	
CIS-1,2-DICHLOROETHYLENE	UG/L	< 125	
TETRAHYDROFURAN	UG/L	< 2500	
2-BUTANONE	UG/L	< 250	
4-METHYL-2-PENTANONE	UG/L	< 250	
STYRENE	UG/L	< 125	
M+P-XYLENE	UG/L	< 125	
<b>ACID-BASE NEUTRAL EXTRACT</b>			
ACENAPHTHENE	UG/L	< 2	
ACENAPHTHYLENE	UG/L	< 2	
ANTHRACENE	UG/L	< 1	
BENZIDINE	UG/L	< 62	
BENZO(A)ANTHRACENE	UG/L	< 2	
BENZO(A)PYRENE	UG/L	< 7	
BENZO(B)FLUORANTHENE	UG/L	< 2	
BENZO(G,H,I)PERYLENE	UG/L	< 6	
BENZO(K)FLUORANTHENE	UG/L	< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	
DIETHYLHEXYL PHTHALATE	UG/L	< 10	
4-BROMOPHENYL PHENYLEETHER	UG/L	< 9	
BUTYLBENZYL PHTHALATE	UG/L	< 3	
2-CHLORONAPHTHALENE	UG/L	< 1	
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 2	
CHRYSENE	UG/L	< 2	
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	
1,2-DICHLOROBENZENE	UG/L	< 10	
1,3-DICHLOROBENZENE	UG/L	< 10	
1,4-DICHLOROBENZENE	UG/L	< 16	
3,3'-DICHLOROBENZIDINE	UG/L	< 100	
DIETHYL PHTHALATE	UG/L	< 2	
DIMETHYL PHTHALATE	UG/L	< 3	
DI-N-BUTYL PHTHALATE	UG/L	< 4	
2,4-DINITROTOLUENE	UG/L	< 3	
2,6-DINITROTOLUENE	UG/L	< 5	
DI-N-OCTYL PHTHALATE	UG/L	< 5	
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	

FOOTNOTES : A-AVERAGE OF DUPS  
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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M06B	M06B
		SJ30035	SJ34698
		01/02/92	03/30/92

ACID-BASE NEUTRAL EXTRACT

FLUORANTHENE	UG/L	<	2
FLUORENE	UG/L	<	2
HEXACHLOROBENZENE	UG/L	<	1
HEXACHLOROBUTADIENE	UG/L	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100
HEXACHLOROETHANE	UG/L	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6
ISOPHORONE	UG/L	<	3
NAPHTHALENE	UG/L	<	2
NITROBENZENE	UG/L	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2
PHENANTHRENE	UG/L	<	1
PYRENE	UG/L	<	2
2,3,7,8-TCDD	UG/L	<	3
2-CHLOROPHENOL	UG/L	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3
2,4-DICHLOROPHENOL	UG/L	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3
2,4-DINITROPHENOL	UG/L	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17
2-NITROPHENOL	UG/L	<	5
4-NITROPHENOL	UG/L	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2
PENTACHLOROPHENOL	UG/L	<	16
PHENOL	UG/L	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2

FOOTNOTES : A-AVERAGE OF DUPS B-AVERAGE C-INTERFERENCE D-DUP & SPIKE E-DUPLICATE SPIKE  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ40163 07/09/92	WELL M06B SJ44787 10/02/92	WEFI M06B SJ49449 12/31/92	WELL M06B SJ49453 12/31/92	WEFI M06B SJ55014 04/06/93	WELL M06B SJ55017 04/06/93	WEFI M06B SJ59386 07/01/93	WELL M06B SJ59390 07/01/93	WEFI M06B SJ63737 09/30/93	WELL M06B SJ63741 09/30/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	47.4	48.2		48.6		47.9		47.7		47.9
DEPTH TO BOTTOM	FT	81.9	81.9		81.9		81.9		81.9		82.1
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	19	18		21		20		18		19
FIELD WATER TEMPERATURE	DEG C	22	20		19		19		25.0		22
FIELD PH	PH	6.30	6.30		6.43		6.44		6.47		6.34
FIELD CONDUCTIVITY	UMHOS/CM	13850	12000		13400		8500		10180		10510
FIELD DISSOLVED O2	MG/L	1.9	2.1		1.6		1.7		0.60		1.00
FIELD DISSOLVED CO2	MG/L	489.3	566.7		387.9		297.6		610.3		436.4
FIELD TOTAL ALKALINITY	MG/L	1422	1500		1376		900		1502		1530
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH	7.08	6.74		6.79		6.62		6.73		6.68
CONDUCTIVITY	UMHOS/CM	11800	11800		11700		10280 E		11700		11700
SUSPENDED SOLIDS	MG/L				130		174		319		266
TOTAL DISSOLVED SOLIDS	MG/L	13313	13550		13080		11350		13231		14240
GROSS ALPHA RADIOACTIVITY	PCI/L	< 0.1			560				450		
GROSS BETA RADIOACTIVITY	PCI/L	0.1			160				230		
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.39	0.13		0.35		0.42		0.14		0.14
SULFATE	MG/L SO4	6100 A	6350	6150	6340	4830	5230	6000	6050 A	6270	5820
CHLORIDE	MG/L CL	1190	1160 A	1140	1190	933	998	1130	1210 A	1240	1220
TOTAL ALKALINITY	MG/L CAC03	1400	1420		1320		1130		1410		1440 F
BICARBONATE ALKALINITY	MG/L CAC03	1400	1420		1320		1130		1410		1440 F
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	1720	1880	1700	1740	1380	1490	1660	1820	1720	1930 G
MAGNESIUM-HARDNESS	MG/L CAC03	6090	6420	6260	6380	4940	5310	6010	6670	6090	6670 G
SODIUM	MG/L NA	745	781	727	745	546	595	704	752	725	742 G
POTASSIUM	MG/L K	14	12.9	13.9	13.9	12.1	12.8	14.2	15.8	15.8	16.2 G
IRON	MG/L FE	86.6		44.0	41.4			75.1	134		
MANGANESE	MG/L MN	4.79		4.23	4.15			4.53	4.38		
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.01	< 0.01		< 0.1		< 0.1		0.2		0.9
TOTAL KJELDAHL NITROGEN	MG/L N	14.8	14.6		14.6		12.6		15.1		21.7

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B SJ40163 07/09/92	M06B SJ44787 10/02/92	M06B SJ49449 12/31/92	M06B SJ49453 12/31/92	M06B SJ55014 04/06/93	M06B SJ55017 04/06/93	M06B SJ59386 07/01/93	M06B SJ59390 07/01/93	M06B SJ63737 09/30/93	M06B SJ63741 09/30/93
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	17	< 1		2		4		7		11
SOLUBLE COD	MG/L O	838	801		825		714		332		910
TOTAL ORGANIC CARBON	MG/L C	320	340		310		270		350		340 G
OIL & GREASE	MG/L EXTRAC	< 1	< 1		< 1		< 1		< 1		< 1
TOTAL ORGANIC HALOGEN(TOX)	UG/L	1200	1200		900		1000		1300		1400
<b>METALS</b>											
ARSENIC	MG/L AS	0.037	0.056	0.049	0.058	0.109	0.070	0.068	0.13	0.085	0.078
BARIUM	MG/L BA	0.11	0.03	0.02	0.03	0.04	0.06	0.02	0.08	0.02	0.12 G
CADMIUM	MG/L CD	0.02	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01	< 0.01	0.05	< 0.01	0.02 G
TOTAL CHROMIUM	MG/L CR	0.14	< 0.09	0.02	0.02	0.02	0.03	0.02	0.34	0.02	0.09 G
HEXAVALENT CHROMIUM	MG/L CR	< 0.04					< 0.04		< 0.04		
COPPER	MG/L CU	0.14		0.04	0.06			0.04	0.10		
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04 G
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.57		0.49	0.48			0.63	0.54		
SELENIUM	MG/L SE	0.049	0.065	0.065	0.061	0.034	0.065	0.052	0.093	0.052	0.072
SILVER	MG/L AG	0.02	0.026	0.019	0.023	0.017	0.018	<0.005	<0.005	<0.005	<0.005 G
ZINC	MG/L ZN	0.2		0.09	0.11			0.1	0.14		
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDD	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDT	UG/L	< 0.01			< 0.01				< 0.01		
ALPHA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
LINDANE (GAMMA-BHC)	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR EPOXIDE	UG/L	< 0.01			< 0.01				< 0.01		
ALDRIN	UG/L	< 0.01			< 0.01				< 0.01		
DIELDRIN	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN	UG/L	< 0.01			< 0.01				< 0.01		
TOXAPHENE	UG/L	< 5			< 5				< 5		
AROCLOR 1242	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1254	UG/L	< 0.1			< 0.1				< 0.1		
BETA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
DELTA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
CIS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-NONACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
OXYCHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TOTAL DETECTED CHLORDANES	UG/L		B			B				B	

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-SEEK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ40163 07/09/92	WELL M06B SJ44787 10/02/92	WEFI M06B SJ49449 12/31/92	WELL M06B SJ49453 12/31/92	WEFI M06B SJ55014 04/06/93	WELL M06B SJ55017 04/06/93	WEFI M06B SJ59386 07/01/93	WELL M06B SJ59390 07/01/93	WEFI M06B SJ63737 09/30/93	WELL M06B SJ63741 09/30/93
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PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN II	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN SULFATE	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN ALDEHYDE	UG/L	< 0.01			< 0.01				< 0.01		
AROCLOR 1016	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1221	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1232	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1248	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1260	UG/L	< 0.1			< 0.1				< 0.1		
TECHNICAL CHLORDANE	UG/L	< 0.1			< 0.1				< 0.1		

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 750	81 D		< 300		< 20		< 600		< 20
CHLOROFORM	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
1,1,1-TRICHLOROETHANE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
CARBON TETRACHLORIDE	UG/L	< 125	< 5.0		< 50		< 5.0		< 100		< 5.0
1,1-DICHLOROETHENE	UG/L	< 125	< 5.0		< 50		< 5.0		< 100		< 5.0
TRICHLOROETHYLENE	UG/L	< 125	11		< 50		21		< 100		21
TETRACHLOROETHYLENE	UG/L	< 125	< 5.0		< 50		< 5.0		< 100		< 5.0
BROMODICHLOROMETHANE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
DIBROMOCHLOROMETHANE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
BROMOFORM	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
CHLOROBENZENE	UG/L	1300	410		690		790		970		< 10
VINYL CHLORIDE	UG/L	2000	250		110		1000		1700		620
O-DICHLOROBENZENE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
M-DICHLOROBENZENE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10
P-DICHLOROBENZENE	UG/L	< 125	11		< 50		12		< 100		< 10
1,1-DICHLOROETHANE	UG/L	190	45		96		91		140		79
1,1,2-TRICHLOROETHANE	UG/L	< 125	< 5.0		< 50		< 5.0		< 100		< 5.0
1,2-DICHLOROETHANE	UG/L	350	190		< 50		220		300		200
BENZENE	UG/L	< 125	15		< 50		38		< 100		19
TOLUENE	UG/L	< 125	5.8		< 50		9.9		< 100		< 5.0
ETHYL BENZENE	UG/L	< 125	< 5.0		< 50		< 5.0		< 100		< 5.0
VINYL ACETATE	UG/L	< 2500			< 1000				< 2000		
O-XYLENE	UG/L	< 125			< 50				< 100		
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 125	8.1		< 50		18		< 100		16
BROMOMETHANE	UG/L	< 250	< 50		< 100		< 50		< 200		< 50
CHLOROETHANE	UG/L	< 250	< 50		< 100		< 50		< 200		< 50
2-CHLOROETHYL VINYLETHER	UG/L	< 250	< 20		< 100		< 20		< 200		< 20
CHLOROMETHANE	UG/L	< 250	< 50		< 100		< 50		< 200		< 50
1,2-DICHLOROPROPANE	UG/L	< 125	10		< 50		12		< 100		12
CIS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10		< 50		< 10		< 100		< 10

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B
		SJ40163	SJ44787	SJ49449	SJ49453	SJ55014	SJ55017	SJ59386	SJ59390	SJ63737	SJ63741
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 125	< 10	< 50	< 10	< 100	< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 125	< 10	< 50	< 10	< 100	< 10
ACROLEIN	UG/L	< 250		< 100		< 40000	
ACRYLONITRILE	UG/L	< 250		< 100		< 10000	
FREON 11 (CCL3F)	UG/L	< 250		< 100		< 200	
ACETONE	UG/L	< 2500	510	< 1000		< 2000	
CIS-1,2-DICHLOROETHYLENE	UG/L	290	130	< 50		490	
TETRAHYDROFURAN	UG/L	< 2500	590	< 1000		2300	
2-BUTANONE	UG/L	< 2500		< 1000		< 2000	
4-METHYL-2-PENTANONE	UG/L	< 250		< 100		< 200	
STYRENE	UG/L	< 125		< 50		< 100	
M+P-XYLENE	UG/L	< 125		< 50		< 100	

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 20		< 20		< 20	
ACENAPHTHYLENE	UG/L	< 20		< 20		< 20	
ANTHRACENE	UG/L	< 10		< 10		< 10	
BENZIDINE	UG/L	< 620		< 620		< 620	
BENZO(A)ANTHRACENE	UG/L	< 20		< 20		< 20	
BENZO(A)PYRENE	UG/L	< 70		< 70		< 70	
BENZO(B)FLUORANTHENE	UG/L	< 20		< 20		< 20	
BENZO(G,H,I)PERYLENE	UG/L	< 60		< 60		< 60	
BENZO(K)FLUORANTHENE	UG/L	< 20		< 20		< 20	
BIS(2-CL-ETHOXY)METHANE	UG/L	< 30		< 30		< 30	
BIS(2-CHLOROETHYL)ETHER	UG/L	< 50		< 50		< 50	
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 30		< 30		< 30	
DIETHYLHEXYL PHTHALATE	UG/L	< 100		< 100		< 100	
4-BROMOPHENYL PHENYLETHER	UG/L	< 90		< 90		< 90	
BUTYLBENZYL PHTHALATE	UG/L	< 30		< 30		< 30	
2-CHLORONAPHTHALENE	UG/L	< 10		< 10		< 10	
4-CHLOROPHENYLPHENYLETHER	UG/L	< 20		< 20		< 20	
CHRYSENE	UG/L	< 20		< 20		< 20	
DIBENZO(A,H)ANTHRACENE	UG/L	< 60		< 60		< 60	
1,2-DICHLOROBENZENE	UG/L	< 100		< 100		< 100	
1,3-DICHLOROBENZENE	UG/L	< 100		< 100		< 100	
1,4-DICHLOROBENZENE	UG/L	< 11 C		< 20		< 11 C	
3,3'-DICHLOROBENZIDINE	UG/L	< 1000		< 1000		< 1000	
DIETHYL PHTHALATE	UG/L	< 20		< 20		< 20	
DIMETHYL PHTHALATE	UG/L	< 30		< 30		< 30	
DI-N-BUTYL PHTHALATE	UG/L	< 40		< 40		< 40	
2,4-DINITROTOLUENE	UG/L	< 30		< 30		< 30	
2,6-DINITROTOLUENE	UG/L	< 50		< 50		< 50	

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DURS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B	MO6B
		SJ40163	SJ44787	SJ49449	SJ49453	SJ55014	SJ55017	SJ59386	SJ59390	SJ63737	SJ63741
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

ACID-BASE NEUTRAL EXTRACTABLE

DI-N-OCTYL PHTHALATE	UG/L	< 50	< 50	< 50
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 10	< 10
FLUORANTHENE	UG/L	< 20	< 20	< 20
FLUORENE	UG/L	< 20	< 20	< 20
HEXACHLORO BENZENE	UG/L	< 10	< 10	< 10
HEXACHLOROBUTADIENE	UG/L	< 100	< 100	< 100
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1000	< 1000	< 1000
HEXACHLOROETHANE	UG/L	< 120	< 120	< 120
INDENO(1,2,3-C,D)PYRENE	UG/L	< 60	< 60	< 60
ISOPHORONE	UG/L	< 30	< 30	< 30
NAPHTHALENE	UG/L	< 20	< 20	< 20
NITROBENZENE	UG/L	< 20	< 20	< 20
N-NITROSODIMETHYLAMINE	UG/L	< 300	< 300	< 300
N-NITROSODI-N-PROPYLAMINE	UG/L	< 20	< 20	< 20
PHENANTHRENE	UG/L	< 10	< 10	< 10
PYRENE	UG/L	< 20	< 20	< 20
2,3,7,8-TCDD	UG/L	< 30	< 30	< 30
2-CHLOROPHENOL	UG/L	< 80	< 80	< 80
1,2,4-TRICHLOROBENZENE	UG/L	< 30	< 30	< 30
2,4-DICHLOROPHENOL	UG/L	< 30	< 30	< 30
2,4-DIMETHYLPHENOL	UG/L	< 30	< 30	< 30
2,4-DINITROPHENOL	UG/L	< 390	< 390	< 390
2-METHYL-4,6DINITROPHENOL	UG/L	< 170	< 170	< 170
2-NITROPHENOL	UG/L	< 50	< 50	< 50
4-NITROPHENOL	UG/L	< 60	< 60	< 60
4-CHLORO-3-METHYLPHENOL	UG/L	< 20	< 20	< 20
PENTACHLOROPHENOL	UG/L	< 160	< 160	< 160
PHENOL	UG/L	< 30	< 30	< 30
2,4,6-TRICHLOROPHENOL	UG/L	< 20	< 20	< 20
N-NITROSODIPHENYLAMINE	UG/L	< 20	< 20	< 20

FOOTNOTES : A-DUP & SPIKE      B-ND = NONE DETECTED      C-VALUE <MDL, >IDL      D-BLANK CONTAMINANT      E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT      G-DUPLICATE SPIKE      H-CHECK NOTES TO USER      I-INTERFERENCE



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B	M06B	M06B	M06B	M06B	M06B	M06B	M06B
		SJ70051	SJ70057	SJ74466	SJ74471	SJ78470	SJ78473	SJ82571	SJ82576
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94
<b>FIELD PARAMETERS</b>									
DEPTH TO WATER	FT		47.8		47.2		47.8		48.30
DEPTH TO BOTTOM	FT		82.1		82.1		82.1		82.39
PERCENT METHANE IN GAS	%CH4		0.3	<	0.1	<	0.1	<	0.1
PERCENT OXYGEN IN GAS	%O2		13		21		11		11
FIELD WATER TEMPERATURE	DEG C		22.4		19		21.6		18
FIELD PH	PH		6.48		6.41		6.33		6.39
FIELD CONDUCTIVITY	UMHOS/CM		9450		6670		7940		6940
FIELD DISSOLVED O2	MG/L		1.00		0.90		1.50		0.8
FIELD DISSOLVED CO2	MG/L		433.0		543.4		464.8		662.1
FIELD TOTAL ALKALINITY	MG/L		1554		1280		1568		1520
FIELD HYDROGEN SULFIDE	PPM		< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>									
PH	PH		6.74		6.74		6.49		6.44
CONDUCTIVITY	UMHOS/CM		11700		11500		11400		11300
SUSPENDED SOLIDS	MG/L		131		180		134		283
TOTAL DISSOLVED SOLIDS	MG/L		12970 A		12303		12280		12070
GROSS ALPHA RADIOACTIVITY	PCI/L		450				416		547
GROSS BETA RADIOACTIVITY	PCI/L		260				150		138
<b>ANIONS</b>									
NITRATE NITROGEN	MG/L N		0.05		0.08		< 0.02		< 0.02
SULFATE	MG/L SO4	4520 F	4760		4930		5880		6070
CHLORIDE	MG/L CL	1180	1200		1050		1180		1220
TOTAL ALKALINITY	MG/L CAC03		1300		1170		1390		1340
BICARBONATE ALKALINITY	MG/L CAC03		1300		1170		1390		1340
TOTAL SULFIDE	MG/L S		< 0.1 E		< 0.1		< 0.1		
<b>CATIONS</b>									
CALCIUM-HARDNESS	MG/L CAC03	1670	1690	1390	1530	1590	1600	1660	1640
MAGNESIUM-HARDNESS	MG/L CAC03	6220	6130	4860	5310	5840	5760	6090	6010
SODIUM	MG/L NA	731	711	600	652	725	709	728	711
POTASSIUM	MG/L K	17.3	17.6	15.0	15.6	17.7	17.6	19.4	19.2
IRON	MG/L FE	118	127			119 F	117	150	145
MANGANESE	MG/L MN	4.34	4.09			4.26 F	4.03	4.04	3.95
<b>ORGANIC MATTER</b>									
AMMONIA NITROGEN	MG/L N		0.6		< 0.1		< 0.1		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N		15.1		14.4		16.8		

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B	M06B	M06B	M06B	M06B	M06B	M06B	M06B
		SJ70051	SJ70057	SJ74466	SJ74471	SJ78470	SJ78473	SJ82571	SJ82576
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

## ORGANIC MATTER

SOLUBLE BOD	MG/L O		3		9		13		14
SOLUBLE COD	MG/L O		912		918		958		969
TOTAL ORGANIC CARBON	MG/L C		430		370		370		340
OIL & GREASE	MG/L EXTRAC		< 0.91		0.9		< 0.9		
HYDROCARBONS-MODIFIED8015	MG/L HC								0.34
TOTAL ORGANIC HALOGEN(TOX	UG/L		1200		1100 G		1400		

## METALS

ARSENIC	MG/L AS	0.091	0.103	0.095	0.126	0.122	0.131	0.136	0.141
BARIUM	MG/L BA	0.02	0.05	0.02	0.05	0.02	0.02	0.01	0.04
CADMIUM	MG/L CD	<0.005	<0.005	<0.003	0.017	<0.003 F	0.006 G	<0.003	0.010
TOTAL CHROMIUM	MG/L CR	0.13	0.14	0.08	0.11	0.09	0.09	0.09	0.11
HEXAVALENT CHROMIUM	MG/L CR		0.050 I				< 0.04		
COPPER	MG/L CU	0.03	0.07			0.02 F	0.04	< 0.03	0.06
LEAD	MG/L PB	< 0.04	< 0.04	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
MERCURY	MG/L HG	<.0001	<.0001	<.0001	.0001 G	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.52	0.54			0.46 F	0.45	0.45	0.46
SELENIUM	MG/L SE	0.049	0.077	0.035	0.064	0.043	0.013	0.039	0.049
SILVER	MG/L AG	<0.005	<0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
ZINC	MG/L ZN	0.08	0.10			0.06 F	0.06	0.06	0.07

## PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS

PP'-DDE	UG/L	< 0.01					< 0.01		< 0.01
PP'-DDD	UG/L	< 0.01					< 0.01		< 0.01
PP'-DDT	UG/L	< 0.01					< 0.01		< 0.01
ALPHA-BHC	UG/L	< 0.01					< 0.01		< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01					< 0.01		< 0.01
HEPTACHLOR	UG/L	< 0.01					< 0.01		< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01					< 0.01		< 0.01
ALDRIN	UG/L	< 0.01					< 0.01		< 0.01
DIELDRIN	UG/L	< 0.01					< 0.01		< 0.01
ENDRIN	UG/L	< 0.01					< 0.01		< 0.01
TOXAPHENE	UG/L	< 0.5					< 0.5		< 0.5
AROCLOR 1242	UG/L	< 0.1					< 0.1		< 0.1
AROCLOR 1254	UG/L	< 0.05					< 0.05		< 0.05
BETA-BHC	UG/L	< 0.01					< 0.01		< 0.01
DELTA-BHC	UG/L	< 0.01					< 0.01		< 0.01
CIS-CHLORDANE	UG/L	< 0.01					< 0.01		< 0.01
TRANS-CHLORDANE	UG/L	< 0.01					< 0.01		< 0.01
TRANS-NONACHLOR	UG/L	< 0.01					< 0.01		< 0.01
OXYCHLORDANE	UG/L	< 0.01					< 0.01		< 0.01

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B	M06B	M06B	M06B	M06B	M06B	M06B	M06B
		SJ70051	SJ70057	SJ74466	SJ74471	SJ78470	SJ78473	SJ82571	SJ82576
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

TOTAL DETECTED CHLORDANES	UG/L								
ENDOSULFAN I	UG/L		< 0.01				< 0.01		< 0.01
ENDOSULFAN II	UG/L		< 0.01				< 0.01		< 0.01
ENDOSULFAN SULFATE	UG/L		< 0.1				< 0.1		< 0.1
ENDRIN ALDEHYDE	UG/L		< 0.01				< 0.01		< 0.01
AROCLOR 1016	UG/L		< 0.1				< 0.1		< 0.1
AROCLOR 1221	UG/L		< 0.1				< 0.1		< 0.1
AROCLOR 1232	UG/L		< 0.1				< 0.1		< 0.1
AROCLOR 1248	UG/L		< 0.1				< 0.1		< 0.1
AROCLOR 1260	UG/L		< 0.1				< 0.1		< 0.1
TECHNICAL CHLORDANE	UG/L		< 0.05				< 0.05		< 0.05

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L		53 H		24		< 20		< 50
CHLOROFORM	UG/L		< 10		< 10		< 10		< 25
1,1,1-TRICHLOROETHANE	UG/L		< 20 H		< 10		< 10		< 25
CARBON TETRACHLORIDE	UG/L		< 5.0		< 5.0		< 5.0		< 15
1,1-DICHLOROETHENE	UG/L		< 5.0		< 5.0		< 5.0		< 15
TRICHLOROETHYLENE	UG/L		59		22		21		18
TETRACHLOROETHYLENE	UG/L		7.5		< 5.0		< 5.0		< 15
BROMODICHLOROMETHANE	UG/L		< 10		< 10		< 10		< 25
DIBROMOCHLOROMETHANE	UG/L		< 10		< 10		< 10		< 25
BROMOFORM	UG/L		< 10		< 10		< 10		< 25
CHLOROBENZENE	UG/L		800		800		650		680
VINYL CHLORIDE	UG/L		1400		1300		720		1600
O-DICHLOROBENZENE	UG/L		< 10		< 10		< 10		< 25
M-DICHLOROBENZENE	UG/L		< 10		< 10		< 10		< 25
P-DICHLOROBENZENE	UG/L		38		16		18		< 25
1,1-DICHLOROETHANE	UG/L		160		86		81		61
1,1,2-TRICHLOROETHANE	UG/L		< 5.0		< 5.0		< 5.0		< 15
1,2-DICHLOROETHANE	UG/L		320		200		220		160
BENZENE	UG/L		78		42		38		32
TOLUENE	UG/L		54 H		9.0		7.9		< 15
ETHYL BENZENE	UG/L		< 5.0		< 5.0		< 5.0		< 15
O-XYLENE	UG/L		10		< 10		< 10		< 25
TRANS-1,2-DICHLOROETHYLEN	UG/L		50		19		18		16
BROMOMETHANE	UG/L		< 50		< 50		< 50		< 150
CHLOROETHANE	UG/L		< 50		< 50		< 50		< 150
2-CHLOROETHYLVINYLETHER	UG/L		< 20		< 20		< 20		< 50
CHLOROMETHANE	UG/L		< 50		< 50		< 50		< 150
1,2-DICHLOROPROPANE	UG/L		30		12		11		< 25
CIS-1,3-DICHLOROPROPENE	UG/L		< 10		< 10		< 10		< 25

FOOTNOTES : A-DUP & SPIKE      B-ND = NONE DETECTED      C-VALUE <MDL, >IDL      D-BLANK CONTAMINANT      E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT      G-DUPLICATE SPIKE      H-CHECK NOTES TO USER      I-INTERFERENCE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B	M06B	M06B	M06B	M06B	M06B	M06B	M06B
		SJ70051	SJ70057	SJ74466	SJ74471	SJ78470	SJ78473	SJ82571	SJ82576
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	<	10	<	10	<	10	<	25
1,1,2,2-TETRACHLOROETHANE	UG/L	<	10	<	10	<	10	<	25
CIS-1,2-DICHLOROETHYLENE	UG/L		530		290		380		370
TETRAHYDROFURAN	UG/L		710		440		440		500
M+P-XYLENE	UG/L		10	<	10	<	10	<	25

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	<	20	<	20	<	20	<	20
ACENAPHTHYLENE	UG/L	<	20	<	20	<	20	<	20
ANTHRACENE	UG/L	<	10	<	10	<	10	<	10
BENZIDINE	UG/L	<	620	<	620	<	620	<	620
BENZO(A)ANTHRACENE	UG/L	<	20	<	20	<	20	<	20
BENZO(A)PYRENE	UG/L	<	70	<	70	<	70	<	70
BENZO(B)FLUORANTHENE	UG/L	<	20	<	20	<	20	<	20
BENZO(G.H.I.)PERYLENE	UG/L	<	60	<	60	<	60	<	60
BENZO(K)FLUORANTHENE	UG/L	<	20	<	20	<	20	<	20
BIS(2-CL-ETHOXY)METHANE	UG/L	<	30	<	30	<	30	<	30
BIS(2-CHLOROETHYL)ETHER	UG/L	<	50	<	50	<	50	<	50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	<	30	<	30	<	30	<	30
DIETHYLHEXYL PHTHALATE	UG/L		6 C	<	100	<	100	<	100
4-BROMOPHENYL PHENYLETHER	UG/L	<	90	<	90	<	90	<	90
BUTYLBENZYL PHTHALATE	UG/L	<	30	<	30	<	30	<	30
2-CHLORONAPHTHALENE	UG/L	<	10	<	10	<	10	<	10
4-CHLOROPHENYLPHENYLETHER	UG/L	<	20	<	20	<	20	<	20
CHRYSENE	UG/L	<	20	<	20	<	20	<	20
DIBENZO(A,H)ANTHRACENE	UG/L	<	60	<	60	<	60	<	60
1,2-DICHLOROBENZENE	UG/L		2 C	<	100	<	100	<	100
1,3-DICHLOROBENZENE	UG/L	<	100	<	100	<	100	<	100
1,4-DICHLOROBENZENE	UG/L		15 C		18 C		21		21
3,3'-DICHLOROBENZIDINE	UG/L	<	1000	<	1000	<	1000	<	1000
DIETHYL PHTHALATE	UG/L	<	20	<	20	<	20	<	20
DIMETHYL PHTHALATE	UG/L		50	<	30	<	30	<	30
DI-N-BUTYL PHTHALATE	UG/L	<	40	<	40	<	40	<	40
2,4-DINITROTOLUENE	UG/L	<	30	<	30	<	30	<	30
2,6-DINITROTOLUENE	UG/L	<	50	<	50	<	50	<	50
DI-N-OCTYL PHTHALATE	UG/L	<	50	<	50	<	50	<	50
1,2-DIPHENYLHYDRAZINE	UG/L	<	10	<	10	<	10	<	10
FLUORANTHENE	UG/L	<	20	<	20	<	20	<	20
FLUORENE	UG/L	<	20	<	20	<	20	<	20
HEXACHLOROBENZENE	UG/L	<	10	<	10	<	10	<	10
HEXACHLOROBUTADIENE	UG/L	<	100	<	100	<	100	<	100
HEXACHLOROCYCLOPENTADIENE	UG/L	<	1000	<	1000	<	1000	<	1000

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M06B	M06B	M06B	M06B	M06B	M06B	M06B	M06B
		SJ70051	SJ70057	SJ74466	SJ74471	SJ78470	SJ78473	SJ82571	SJ82576
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

ACID-BASE NEUTRAL EXTRACTABLE

HEXACHLOROETHANE	UG/L	<	120	<	120	<	120	<	120
INDENO(1,2,3-C,D)PYRENE	UG/L	<	60	<	60	<	60	<	60
ISOPHORONE	UG/L	<	30	<	30	<	30	<	30
NAPHTHALENE	UG/L	<	20	<	20	<	20	<	20
NITROBENZENE	UG/L	<	20	<	20	<	20	<	20
N-NITROSODIMETHYLAMINE	UG/L	<	300	<	300	<	300	<	300
N-NITROSODI-N-PROPYLAMINE	UG/L	<	20	<	20	<	20	<	20
PHENANTHRENE	UG/L	<	10	<	10	<	10	<	10
PYRENE	UG/L	<	20	<	20	<	20	<	20
2,3,7,8-TCDD	UG/L	<	30	<	30	<	30	<	30
2-CHLOROPHENOL	UG/L	<	80	<	80	<	80	<	80
1,2,4-TRICHLOROBENZENE	UG/L	<	30	<	30	<	30	<	30
2,4-DICHLOROPHENOL	UG/L	<	30	<	30	<	30	<	30
2,4-DIMETHYLPHENOL	UG/L	<	30	<	30	<	30	<	30
2,4-DINITROPHENOL	UG/L	<	390	<	390	<	390	<	390
2-METHYL-4,6DINITROPHENOL	UG/L	<	170	<	170	<	170	<	170
2-NITROPHENOL	UG/L	<	50	<	50	<	50	<	50
4-NITROPHENOL	UG/L	<	60	<	60	<	60	<	60
4-CHLORO-3-METHYLPHENOL	UG/L	<	20	<	20	<	20	<	20
PENTACHLOROPHENOL	UG/L	<	160	<	160	<	160	<	160
PHENOL	UG/L	<	30	<	300	<	30	<	30
2,4,6-TRICHLOROPHENOL	UG/L	<	20	<	20	<	20	<	20
N-NITROSODIPHENYLAMINE	UG/L	<	20	<	20	<	20	<	20

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-BLANK CONTAMINANT E-AVERAGE OF DUPS  
 F-AMENDED TEST RESULT G-DUPLICATE SPIKE H-CHECK NOTES TO USER I-INTERFERENCE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M06B SJ30242 01/09/87	WELL M06B SJ32709 04/10/87	WELL M06B SJ35102 07/08/87	WELL M06B SJ38525 10/22/87	WELL M06B SJ50321 01/13/88	WELL M06B SJ53684 04/13/88	WELL M06B SJ57222 07/19/88	WELL M06B SJ60620 10/13/88	WELL M06B SJ70654 01/19/89	WELL M06B SJ74195 04/26/89
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT					47.08	45.4	48.25	46.3	48.9	49.4
DEPTH TO BOTTOM	FT					81.00	81.0	81.0	81	81.1	81.7
PERCENT METHANE IN GAS	%CH4					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2					21	21	19	19	21	20
FIELD WATER TEMPERATURE	DEG C					20	20	20	20	19	20
FIELD PH	PH					6.60	6.51	6.55	6.3	6.38	6.45
FIELD CONDUCTIVITY	UMHOS/CM					7900	7400	10600	10600	11200	11250
FIELD DISSOLVED O2	MG/L					3.8	2.6	3.1	3.7	3.3	4.2
FIELD DISSOLVED CO2	MG/L					367.8	361.2	475	327.7	560	573
FIELD TOTAL ALKALINITY	MG/L					1136	976	1494	1336	1512	1474
FIELD HYDROGEN SULFIDE	PPM					< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.1
<b>GENERAL</b>											
PH	PH	6.7	6.7	6.70	6.85	6.60	6.99	6.70	7.04	6.68	6.80
CONDUCTIVITY	UMHOS/CM	10350	10550	7400	10750	8000	5250	11000	10000 A	10500	8900
SUSPENDED SOLIDS	MG/L			2030	1560	2720	340	2500	983 A	1530	951
TOTAL DISSOLVED SOLIDS	MG/L	11450 A	11900	11900	12000	8320	7360	11800	10900	12400	12320
TOTAL HARDNESS	MG/L CaCO3				8850	5140	5300	6600	7590	8040	7310
PHENOLS	MG/L C6H5OH				0.005	0.008	< 0.05	0.008	0.008	0.007	0.013
BORON	MG/L B				2.80	1.72	1.84	3.06	3.02	3.45	3.28
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	6.79	3.53	3.7	3.0	1.9	2.8	3.86	3.1	0.26	2.13
SULFATE	MG/L SO4	5820	5270	5940	9380	3990	3440	5500	5530	5530	5570
CHLORIDE	MG/L CL	944	1060	992	1000	710	617	990	885	1030	1092
TOTAL PHOSPHATE	MG/L PO4				3.4	14.4	12.2	39.4	25	52.2	30.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	1779	2012	1924	2373	1658	1506	1845	1892	2060 E	1840
MAGNESIUM-HARDNESS	MG/L CaCO3	5709	6020	5561	6232	4001	3791	4758	5697	5980 E	5470
SODIUM	MG/L NA	586	665	668	709	455	466	552	634	722 E	687
POTASSIUM	MG/L K	114	12	19.2	26	37	21	38	17.1	19 E	16
IRON	MG/L FE	28.7	31.4	77.6	124	146	73.6	255	52.8 D	87.8 E	39.7
MANGANESE	MG/L MN	4.98	5.65	6.17	6.66	5.16	3.77	6.18	7.29 D	5.74 E	5.38
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N				< 0.1	< 0.1	< 0.1	0.5	0.3	< 0.1	< 0.1 D
SOLUBLE BOD	MG/L O	< 1	1.9 B	1.3 B	1.1 B	< 1.0 B	1.1	< 1.0	3.0	< 1	3
TOTAL COD	MG/L O				773	584	446	817	668	735	772

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

B-AVERAGE  
G-ND = NONE DETECTED

C-INTERFERENCE  
H-VALUE <MDL, >IDL

D-DUP & SPIKE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M06B	880113 SJ50321	VOC'S:1/26/88 BY MONTGOMERY LABS.;
M06B	880413 SJ53684	VOC'S BY MONTGOMERY LABS 4-26-88;THF 450;C-1,2-DCE:74UG/L;
M06B	880719 SJ57222	VOC'S 7/28/88; C-1,2-DCE:140UG/L; F-21:26UG/L;THF:1400UG/L; 204 @ SJCTPL
M06B	881013 SJ60620	VOC'S 10/19/88;THF:960UG/L;F-21:25UG/L;C-1,2-DCE:130UG/L; #314 AT VAL.
M06B	890119 SJ70654	408 RUN BY POM R&D 314 AT VAL.:VOC'S MONT. LABS 1-30-89: THF:1200UG/L;C-1,2-DCE:250UG/L;
M06B	890426 SJ74195	VOC'S 4/28/89;THF:960UG/L;F-21:24UG/L;C-1,2-DCE:160UG/L; @ LBTPL 151,301,257,155, 408 RUN BY POM R&D
M06B	890707 SJ76916	101,151,155,312 RUN BY POM R&D @ LBTPL #257, VOC'S 7/14/89; C-1,2-DCE = 280 UG/L; THF = 2000 UG/L; F-21 = 47 UG/L; ETHYL ETHER = 21 UG/L.
M06B	891004 SJ80361	314=VALTPL,312=POMR/D VOC'S 10/16/89; CIS-1,2-DICHLOROETHYLENE=190 UG/L
M06B	900109 SJ90270	102,310=SJCTPL,257,301=LBTPL,314=VALTPL 312,408=POMR/D VOC'S 1/22/90; C-1,2-DCE = 170UG/L, THF = 1500UG/L.
M06B	900406 SJ93808	301,257=LB,204,314=POMR/D VOC'S 4/16/90; C-1,2-DCE: 140UG/L.

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M06B	900706 SJ98920	257,301=LB,310=SJCTPL,201,204,312,314=POMR/D 717: MATRIX INTERFERENCE CONFIRMED VOC's 7/10/90 C-1,2-DCE: 200UG/L.
M06B	901003 SJ03408	408=WN,204,312,314=POMR/D FOOTNOTE 10: "INTERFERENCE", TEST CODE=717: CONFIRMED VOC's 10/10/90 THF APPROXIMATELY 1100 UG/L. C-1,2-DCE = 210 UG/L.
M06B	910108 SJ10297	257,301=LB 370: +/- 131; 371: +/- 48 BNA EXTRACTED WITHIN 7 DAY PERIOD. EXTRACT LOST IN CONCENTRATION STEP. RESET WITHIN 7 DAY PERIOD. 370 & 371 BY TMA BCA LABS, ARSENIC, SELENIUM, & TOX BCA LABS, ANTIMONY =<0.03MG/L AND THALLIUM = <0.03MG/L PESTICIDES/PCB'S ANALYZED AT JWPCP (JW80433) VOC'S MONTGOMERY LABS BNA EXT 01-24-91 INJ 02-02-91 RE-EXTRACTED BNA SAMPLE; RESET EXCEEDS HOLDING TIME.
M06B	910403 SJ14013	257,301=LB TOX, ARSENIC, SELENIUM, BROWN & CALDWELL VOC's 4/4/91 THF: APPROX. 820UG/L C-1,2-DCE: 240UG/L  DUE TO THE YELLOW COLOR OF THE SOLUTION AND NOT TO THE PRESENCE OF HEXAVALENT CHROMIUM. 410 = MONTGOMERY LABS MDL 160 UG/L RADIOACTIVITY: ALPHA=2SIGMA 34, BETA=2SIGMA 18/MONTGOMERY BNA EXT 07-16-91 INJ 07-22-91 TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M06B	911002 SJ23433	VOC's 10/4/91
M06B	920102 SJ30035	ALPHA/2SIGMA = 8.3, BETA/2SIGMA = 3.7 BNA EXT 01-06-92 INJ 01-13-92



PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M06B	920330 SJ34698	VOC's 4/6/92 C-1,2-DCE:340UG/L THF:1100 UG/L

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M06B WELL	070992 SJ40163	ALPHA/2SIGMA = 0.1, BETA/2SIGMA = 0.2  BNA EXT 07-30-92 INJ 08-12-92 BLANK 855: 1 UG/L BNA EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M06B WELL	100292 SJ44787	VOC'S 10/08/92; CH2CL2 BLANK: 7.4UG/L
M06B WELL	123192 SJ49453	ML REPORT #4795; TOX ML REPORT #4794; VOLATILE ORGANICS. ML REPORT #4793; ALPHA & BETA ALPHA 2 SIGMA +/- 50 PCI/L, BETA 2 SIGMA +/- 23 PCI/L BNA EXT 01-06-93 INJ 01-12-93 BNA TO BE RERUN. REINJ PASS,REPORT REINJ VALUE
M06B WELL	040693 SJ55017	ML REPORT #6386; TEST 410 (TOX).  VOC's 04/07/93; C-1,2-DICHLOROETHYLENE:300UG/L
M06B WELL	070193 SJ59390	ML REPORT #7839; TEST 410 (TOX). ML REPORT #7838; ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 52 PCI/L, BETA 2 SIGMA +/- 24 PCI/L. BNA EXT 7-7-93 INJ 7-29-93 BLANK: 812 2UG/L BNA FOOTNOTE 35:
M06B WELL	093093 SJ63741	ML REPORT #9664; TEST 410 (TOX).  VOCs 10/13/93; C-1,2-DCE: 330UG/L 28 DEC 93 - RESULTS FOR TEST CODES 305 AND 306 WERE CHANGED FROM 722 TO 1440 DUE TO AN ERROR IN ENTERING SAMPLE INFORMATION INTO THE PROGRAM THAT CALCULATES THE FINAL RESULTS. A SAMPLE VOLUME OF 20ML WAS ENTERED INSTEAD OF THE 10ML THAT WAS USED. (JPG)
M06B WEFI	010394 SJ70051	REPORT AMENDED 03/04/94 (CRW). SULFATE RESULTS CHANGED FROM 452 MG/L TO 4520 MG/L.
M06B WELL	010394 SJ70057	HEXAVALENT CHROMIUM: FOOTNOTE 35 "DUPLICATE SPIKE"  ML REPORT #11305; TOX, ALPHA & BETA. ALPHA 2 SIGMA +/- 47 PCI/L, BETA 2 SIGMA +/- 28 PCI/L. VOCs 01/04/94; INSTRUMENT BLANK; CH2CL2 = 66.0 UG/L, 1,1,1-TCA = 12.0 UG/L, TOLUENE = 10.0 UG/L. BNA EXT 01-06-94 INJ 01-12-94 BLANK 812: 1 UG/L
M06B WELL	040494 SJ74471	VOCs 04/06/94

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M06B WEFI	063094 SJ78470	HEADER INFORMATION MODIFIED ON 09/19/94
M06B WELL	063094 SJ78473	ML REPORT #14241; ALPHA & BETA. ALPHA 2 SIGMA +/- 60 PCI/L, BETA 2 SIGMA +/- 26 PCI/L. VOC'S 07/05/94 BNA EXT: 7-1-94 INJ: 7-11-94
M06B WELL	100594 SJ82576	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 65.4 PCI/L; BETA 2 SIGMA +/- 22.2 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/07/94 BNA EXT: 10-13-94 INJ: 10-26-94

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ30243 01/09/87	WELL M07A SJ32710 04/10/87	WELL M07A SJ35340 07/09/87	WELL M07A SJ38652 10/22/87	WELL M07A SJ50370 01/14/88	WELL M07A SJ53629 04/12/88	WELL M07A SJ57248 07/20/88	WELL M07A SJ60557 10/12/88	WELL M07A SJ70593 01/18/89	WELL M07A SJ74159 04/25/89
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT					47.17	53.33	49.2	46.4	48.8	50.2
DEPTH TO BOTTOM	FT					64.50	60.33	60.3	60.3	60.6	60.6
PERCENT METHANE IN GAS	%CH4					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2					21	20	21	19	21	21
FIELD WATER TEMPERATURE	DEG C					22	21	21	22	19	20
FIELD PH	PH					6.40		6.25	6.3	6.30	6.35
FIELD CONDUCTIVITY	UMHOS/CM					11700	11400	11200	11000	11100	11000
FIELD DISSOLVED O2	MG/L					1.9	2.9	1.4	1.7	3.5	2.9
FIELD DISSOLVED CO2	MG/L					566.8	642.0	866	638.7	886	649
FIELD TOTAL ALKALINITY	MG/L					1257	1260	1176	1230	1212	1242
FIELD HYDROGEN SULFIDE	PPM					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	6.7	6.6	6.51	6.78	6.50	6.42	6.30	6.47	6.42	6.6
CONDUCTIVITY	UMHOS/CM	13900	12750	12250	11400	11100	10150	10750	10750	10000	8850
SUSPENDED SOLIDS	MG/L			724	2230	1240	365	5735	742	670	1044
TOTAL DISSOLVED SOLIDS	MG/L	14700	14200	13500	12700	12300	12400	12600	11900	11800 C	11700
TOTAL HARDNESS	MG/L CaCO3				9300	7300	7080	8230	7390	6960	8900
PHENOLS	MG/L C6H5OH				0.024	0.033	0.12	0.015	0.022	0.023 E	0.028 E
BORON	MG/L B				3.72	4.12	5.48	4.34	5.28	5.22	5.21
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.12	0.406	0.51	0.13	0.08	< 3	9.29	< 0.01	0.23	0.15
SULFATE	MG/L SO4	7027 A	7080	6540	6250	6430	4830	5630	5000	5070	5280
CHLORIDE	MG/L CL	1890	1730	1570	1370	1350	1320	1210	1220	1170	1250
TOTAL PHOSPHATE	MG/L PO4				4.0	36.1	9.4	190	46.7	98.3	38.9
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	1782	2262	2232	1880	1849	1281	2387	1835	1700	1700
MAGNESIUM-HARDNESS	MG/L CaCO3	6174	7610	7224	6442	5926	5799	5840	5552	5260	7200
SODIUM	MG/L NA	1011	848	840	756	676	676	585	673	691	656
POTASSIUM	MG/L K	47	53	41.0	53	49	47	74	29.6	25	24
IRON	MG/L FE	259	308 C	290	251	219	227	479	157	167	184
MANGANESE	MG/L MN	6.14	6.64	7.82	5.59	5.55	5.63	7.59	7.39	5.22	4.91
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N				16.1 A	15.4	15.4	14.7	11.1	9.4	8.8
SOLUBLE BOD	MG/L O	< 1	14 B	9.0 B	21.0 B	16.2 B	23	13	16	20	15
TOTAL COD	MG/L O				1160	1240	1170	1530	1260	1240	1310

FOOTNOTES : A-AVERAGE OF DUPS      B-AVERAGE      C-DUP & SPIKE      D-INTERFERENCE      E-DUPLICATE SPIKE  
 F-CALCULATED VALUE      G-VALUE <MDL, >IDL      H-ND = NONE DETECTED      I-AMENDED TEST RESULT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ30243 01/09/87	WELL M07A SJ32710 04/10/87	WELL M07A SJ35340 07/09/87	WELL M07A SJ38652 10/22/87	WELL M07A SJ50370 01/14/88	WELL M07A SJ53629 04/12/88	WELL M07A SJ57248 07/20/88	WELL M07A SJ60557 10/12/88	WELL M07A SJ70593 01/18/89	WELL M07A SJ74159 04/25/89
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	778	994 C	974	1070	1220	1130	1230	1140	1230	1130
TANNIN & LIGNIN	MG/L				5.3	9.89	22	190	94	83	
OIL & GREASE	MG/L EXTRAC				83	734	1.0	< 1	4.0	1	< 1
ACETIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
PROPIONIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.18	0.291	0.17	0.17	0.272	0.25	0.39	0.32	0.33	0.31
BARIUM	MG/L BA	2.80	2.62 C	1.56		1.08	0.88	0.66	1.71	0.42	0.62
CADMIUM	MG/L CD			0.02	0.02	0.03	0.08	0.20	0.18	0.16	0.13
TOTAL CHROMIUM	MG/L CR	0.76	0.88 C	0.27	0.48	0.18	0.27	1.95	0.58	0.27	0.29
HEXAVALENT CHROMIUM	MG/L CR	< 0.1	< 0.10	< 0.10	< 0.02	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
COPPER	MG/L CU	1.26	0.22 C	0.21	0.10	0.08	0.10	0.69	0.17	0.09	0.06
LEAD	MG/L PB	< 0.49	< 0.49 C	< 0.49	< 0.49	< 0.49	0.38	0.08	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	.0001	<.0001	.0002	<.0001	<.0001	<.0001	.0008	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.86	1.36 C	0.84	0.92	0.83	1.35	7.00	2.58	1.98	1.56
SELENIUM	MG/L SE	<0.025	0.074	<0.010	< 0.01	0.060	0.053	0.12	0.026	0.048	0.05
SILVER	MG/L AG		< 0.49			0.02	0.1	0.032	0.019	0.014	0.016
ZINC	MG/L ZN	0.61	0.54 C	0.43	0.39	0.29	0.88	1.58	0.32	0.28	0.23
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 10	< 50	3.8	< 1250	< 250	< 200	4.4	< 2.5	< 100	< 2.5
CHLOROFORM	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	12	< 2.5
CARBON TETRACHLORIDE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
1,1-DICHLOROETHENE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
TRICHLOROETHYLENE	UG/L	28	40	51	49	36	56	72	54	70	95
TETRACHLOROETHYLENE	UG/L	2.5	< 5.0	3.5	< 25	< 5.0	< 20	5.3	15	22	27
BROMODICHLOROMETHANE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
BROMOFORM	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
CHLOROBENZENE	UG/L	250	270	370	410	560	< 20	290	380	280	460
VINYL CHLORIDE	UG/L	220	1200	750	2800	1500	2200	480	940	1800	700
O-DICHLOROENZENE	UG/L	< 5.0	< 25	< 2.5	< 125	< 25	< 100	< 2.5	< 2.5	< 50	< 2.5
M-DICHLOROENZENE	UG/L				< 125	< 25	< 100	< 2.5	< 2.5	< 50	< 2.5
P-DICHLOROENZENE	UG/L				< 125	< 25	< 100	8.3	6.6	< 50	9.0
1,1-DICHLOROETHANE	UG/L	85	65	71	90	51	57	63	78	74	96

FOOTNOTES : A-AVERAGE OF DUPS  
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D-INTERFERENCE  
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E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ30243 01/09/87	WELL M07A SJ32710 04/10/87	WELL M07A SJ35340 07/09/87	WELL M07A SJ38652 10/22/87	WELL M07A SJ50370 01/14/88	WELL M07A SJ53629 04/12/88	WELL M07A SJ57248 07/20/88	WELL M07A SJ60557 10/12/88	WELL M07A SJ70593 01/18/89	WELL M07A SJ74159 04/25/89
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 5.0	< 20	< 2.5	< 2.5	< 10	< 2.5
1,2-DICHLOROETHANE	UG/L	120	80	110	130	76	75	85	110	95	120
BENZENE	UG/L	120	370	460	990	190	290	200	420	520	440
TOLUENE	UG/L	5.6	< 25	14	< 125	< 25	< 100	8.1	15	< 50	13
ETHYL BENZENE	UG/L	< 1.0	< 5.0	< 5.0	D < 25	< 5.0	< 20	< 2.5	2.8	< 10	3.9
TRANS-1,2-DICHLOROETHYLEN	UG/L	14	15	14	< 25	< 0.5	< 20	13	15	20	20
BROMOMETHANE	UG/L	< 10	< 50	< 15	< 250	< 5.0	< 200	< 15	< 15	< 100	< 12
CHLOROETHANE	UG/L	< 10	< 50	< 5.0	< 250	< 5.0	< 200	< 5.0	< 5.0	< 100	< 5.0
2-CHLOROETHYLVINYLETHER	UG/L	< 10	< 50	< 25	< 250	< 5.0	< 200	< 5.0	< 5.0	< 100	< 5.0
CHLOROMETHANE	UG/L	< 10	< 50	< 5.0	< 250	< 5.0	< 200	< 5.0	< 5.0	< 100	< 5.0
1,2-DICHLOROPROPANE	UG/L	9.1	10	9.9	< 25	< 0.5	< 20	7.7	9.9	< 10	14
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 5.0	< 5.0	< 25	< 0.5	< 20	< 2.5	< 2.5	< 10	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 5.0	< 5.0	< 25	< 0.5	< 20	< 2.5	< 2.5	< 10	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 5.0	< 2.5	< 25	< 0.5	< 20	< 2.5	< 2.5	< 10	< 2.5
ACETONE	UG/L		< 50	< 50		< 500	< 200	120	490	< 100	< 50
2-BUTANONE	UG/L			< 50		< 50	< 200	< 50	< 100	< 100	< 50
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 5.0	< 0.1	< 0.2							
ACENAPHTHYLENE	UG/L	< 5.0	< 0.2	< 0.2							
ANTHRACENE	UG/L	< 5.0	< 0.1	< 0.1							
BENZIDINE	UG/L	< 50	< 2.2	< 1.1							
BENZO(A)ANTHRACENE	UG/L	< 5.0	< 0.2	< 0.2							
BENZO(A)PYRENE	UG/L	< 5.0	< 1.1	< 0.3							
BENZO(B)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BENZO(G,H,I)PERYLENE	UG/L	< 10	< 2.2	< 0.4							
BENZO(K)FLUORANTHENE	UG/L	< 5.0	< 0.1	< 0.2							
BIS(2-CL-ETHOXY)METHANE	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10	< 0.1	< 0.3							
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 10	< 0.6	< 0.1							
DIETHYLHEXYL PHTHALATE	UG/L	< 20	14	2.9							
4-BROMOPHENYL PHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
BUTYLBENZYL PHTHALATE	UG/L	< 5.0	< 2.2	< 0.3							
2-CHLORONAPHTHALENE	UG/L	< 5.0	< 0.2	< 0.2							
4-CHLOROPHENYLPHENYLETHER	UG/L	< 5.0	< 0.6	< 0.2							
CHRYSENE	UG/L	< 5.0	< 0.6	< 0.2							
DIBENZO(A,H)ANTHRACENE	UG/L	< 10	< 5.6	< 0.9							
1,2-DICHLOROBENZENE	UG/L	< 5.0	1.9	< 0.1							
1,3-DICHLOROBENZENE	UG/L	< 5.0	< 0.1	< 0.1							
1,4-DICHLOROBENZENE	UG/L	< 5.0	8.6	9.5							
3,3'-DICHLOROBENZIDINE	UG/L	< 50	< 5.6	< 0.3							
DIETHYL PHTHALATE	UG/L	< 5.0	1.9	< 0.1							

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A
		SJ30243	SJ32710	SJ35340	SJ38652	SJ50370	SJ53629	SJ57248	SJ60557	SJ70593	SJ74159
		01/09/87	04/10/87	07/09/87	10/22/87	01/14/88	04/12/88	07/20/88	10/12/88	01/18/89	04/25/89

ACID-BASE NEUTRAL EXTRACT

DIMETHYL PHTHALATE	UG/L	< 5.0	< 0.2	< 0.1
DI-N-BUTYL PHTHALATE	UG/L	< 10	< 3.7	< 0.5
2,4-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 3.1
2,6-DINITROTOLUENE	UG/L	< 5.0	< 1.1	< 1.3
DI-N-OCTYL PHTHALATE	UG/L	< 10	< 2.2	< 0.4
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 0.2	< 0.1
FLUORANTHENE	UG/L	< 5.0	< 0.6	< 0.1
FLUORENE	UG/L	< 5.0	< 0.1	< 0.1
HEXACHLOROBENZENE	UG/L	< 5.0	< 0.6	< 0.2
HEXACHLOROBUTADIENE	UG/L	< 10	< 0.6	< 0.2
HEXACHLOROCYCLOPENTADIENE	UG/L	< 10	< 1.1	< 1.3
HEXACHLOROETHANE	UG/L	< 5.0	< 0.2	< 0.7
INDENO(1,2,3-C,D)PYRENE	UG/L	< 10	< 4.4	< 0.6
ISOPHORONE	UG/L	< 5.0	3.6	3.8
NAPHTHALENE	UG/L	< 5.0	< 0.1	< 0.1
NITROBENZENE	UG/L	< 5.0	< 0.2	< 0.7
N-NITROSODIMETHYLAMINE	UG/L	< 5.0	< 1.1	< 1.0
N-NITROSODI-N-PROPYLAMINE	UG/L	< 5.0	< 1.1	< 0.4
PHENANTHRENE	UG/L	< 5.0	< 0.1	< 0.1
PYRENE	UG/L	< 5.0	< 0.6	< 0.1
2,3,7,8-TCDD	UG/L	< 50	< 0.1	< 0.2
2-CHLOROPHENOL	UG/L	7.1	< 0.1	2.5
1,2,4-TRICHLOROBENZENE	UG/L	< 5.0	< 0.2	< 0.2
2,4-DICHLOROPHENOL	UG/L	< 5.0	< 0.6	< 0.4
2,4-DIMETHYLPHENOL	UG/L	< 5.0	< 0.6	< 0.6
2,4-DINITROPHENOL	UG/L	< 50	< 8.3	< 5.6
2-METHYL-4,6DINITROPHENOL	UG/L	< 50	< 2.8	< 3.6
2-NITROPHENOL	UG/L	< 5.0	< 2.8	< 1.0
4-NITROPHENOL	UG/L	< 10	< 1.3	< 1.2
4-CHLORO-3-METHYLPHENOL	UG/L	< 5.0	< 0.2	< 1.1
PENTACHLOROPHENOL	UG/L	< 10	< 0.6	< 1.1
PHENOL	UG/L	5.0	< 0.6	8.7
2,4,6-TRICHLOROPHENOL	UG/L	< 5.0	< 0.3	< 0.3
N-NITROSODIPHENYLAMINE	UG/L	5.2	< 0.6	< 0.1

FOOTNOTES : A-AVERAGE OF DUPS  
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D-INTERFERENCE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ76860 07/06/89	WELL M07A SJ80260 10/03/89	WELL M07A SJ90204 01/08/90	WELL M07A SJ93610 04/03/90	WELL M07A SJ98812 07/03/90	WELL M07A SJ03296 10/02/90	WELL M07A SJ10296 01/08/91	WELL M07A SJ14015 04/03/91	WELL M07A SJ18739 07/10/91	WELL M07A SJ23434 10/02/91
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	49.3	49.1	49.2	49.1	49.3	49.3	49.4	49.4	49.3	49.0
DEPTH TO BOTTOM	FT	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	21	21	21	20	19	19	20	20	20
FIELD WATER TEMPERATURE	DEG C	22	21	19	21	21	21	19	22	20	21
FIELD PH		6.50	6.30	6.35	6.42	6.30	6.70	6.35	6.73	6.50	6.25
FIELD CONDUCTIVITY	UMHOS/CM	9900	10600	11000	10000	10200	10400	10000	9900	11000	10100
FIELD DISSOLVED O2	MG/L	1.4	1.2	4.8	5.1	4.4	1.0	2.3	1.1	0.07	1.3
FIELD DISSOLVED CO2	MG/L	610	964.7	648.7	698.5	784.2	523.3	739.2	594.0	475.2	806.1
FIELD TOTAL ALKALINITY	MG/L	1108	1032	1154	1062	1150	1178	1212	1116	1118	1190
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	6.5	6.4	6.48	6.38	6.40	6.40 A	6.40	6.57	6.51	6.40
CONDUCTIVITY	UMHOS/CM	9300	8600	9880	9750	10000	10000	10400	9750	10300	9500
SUSPENDED SOLIDS	MG/L	874	858	1210	807	1090	8660				
TOTAL DISSOLVED SOLIDS	MG/L	11300	11500	11700	11100	10400	11000	11722	10390	11590	11070
TOTAL HARDNESS	MG/L CaCO3	6620	6830	7340 F	6910 F	7660	8950				
PHENOLS	MG/L C6H5OH	0.021	0.019	0.034	0.012	<0.001	0.014				
BORON	MG/L B	4.15	3.09	4.17	5.37	4.79	3.60				
GROSS ALPHA RADIOACTIVITY	PCI/L							15		1.6	
GROSS BETA RADIOACTIVITY	PCI/L							< 1		9.9	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.21	0.16	0.20	< 0.01	0.15	0.11	0.20	0.10	0.08	0.06
SULFATE	MG/L SO4	5000	5900	5460	5490	6300	5760	5850	4770	4770	5200
CHLORIDE	MG/L CL	1110	1140	1130	1135	1230	1130	1175	1060	1060	1060
TOTAL ALKALINITY	MG/L CaCO3							1080	994	1050	890
BICARBONATE ALKALINITY	MG/L CaCO3							1080	994	1050	890
TOTAL PHOSPHATE	MG/L PO4	65.4	67.9	39.6	65.8	112	253				
TOTAL SULFIDE	MG/L S							< 0.1	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	1760	1670	1840	1740	2160	2990	1680	1190	1550 E	1860
MAGNESIUM-HARDNESS	MG/L CaCO3	4860	5160	5500	5170	5500	5960	4840	4810	4720 E	5850
SODIUM	MG/L NA	575	602	588	568	583	578	527	467	558 E	552
POTASSIUM	MG/L K	25	25	26	23	33	48	22	23	22 E	22
IRON	MG/L FE	164	198	198	189	242	598	198		179 E	
MANGANESE	MG/L MN	4.44	5.24	5.27	4.61	4.89	8.46	6.06		5.16 E	

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ76860 07/06/89	WELL M07A SJ80260 10/03/89	WELL M07A SJ90204 01/08/90	WELL M07A SJ93610 04/03/90	WELL M07A SJ98812 07/03/90	WELL M07A SJ03296 10/02/90	WELL M07A SJ10296 01/08/91	WELL M07A SJ14015 04/03/91	WELL M07A SJ18739 07/10/91	WELL M07A SJ23434 10/02/91
<b>ORGANIC MATTER</b>											
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	8.3	8.5	8.6	8.6	9.52	7.8	6.8	8.1	8.7	8.6
TOTAL KJELDAHL NITROGEN	MG/L N							29.0	27.5	29.7	31.2
SOLUBLE BOD	MG/L O	9	16	23	18	12	20	12	14	24	26 A
TOTAL COD	MG/L O	1290	1360	1350	1340	1470	1610				
SOLUBLE COD	MG/L O	1270	1310	1320	1260	1340	1370	1220	1190	1130	1520
TOTAL ORGANIC CARBON	MG/L C							470	470	500 E	510
OIL & GREASE	MG/L EXTRAC	11	< 1.0	1	1.0	< 1	< 1	< 1	< 1	1.1	< 1
TOTAL ORGANIC HALOGEN(TOX)	MG/L							1.4	0.300	0.360	0.830
ACETIC ACID	MG/L	< 2.0	< 2.0	3.0	< 2.0	< 2.0	< 2.0				
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0				
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0				
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0				
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0				
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0				
<b>METALS</b>											
ARSENIC	MG/L AS	0.42	0.38	0.34	0.59	0.54	0.58	0.22	0.19	0.21	0.28
BARIUM	MG/L BA	0.58	0.60	0.87	0.48	2.01	7.03	0.39	0.73	0.07 E	0.08
CADMIUM	MG/L CD	0.09	0.12	0.11	0.12	0.14	0.24	0.11	0.12	< 0.01 E	< 0.01
TOTAL CHROMIUM	MG/L CR	0.30	0.33	0.34	0.29	0.51	1.95	0.27	0.31	0.06 E	0.06
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	0.02	0.047 G	< 0.04	< 0.10	0.096		0.066 D	
COPPER	MG/L CU	0.08	0.08	0.10	0.08	0.23	0.71	0.08		0.03 E	
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04 E	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	1.41	1.58	1.92	1.33	1.70	12.4	3.77		0.91 E	
SELENIUM	MG/L SE	0.050	0.049	0.068	0.049	0.084	0.153	0.029	0.021	0.017	0.032
SILVER	MG/L AG	0.027	0.017	0.02	0.021	0.03	0.048	0.023	0.017	0.023 E	0.015
ZINC	MG/L ZN	0.22	0.25	0.30	0.24	0.51	1.66	0.22		0.11 E	
<b>PESTICIDES</b>											
PP'-DDE	UG/L							< 0.01		< 0.01	
PP'-DDD	UG/L							< 0.01		< 0.01	
PP'-DDT	UG/L							< 0.01		< 0.01	
ALPHA-BHC	UG/L							< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L							< 0.01		< 0.01	
HEPTACHLOR	UG/L							< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L							< 0.01		< 0.01	
ALDRIN	UG/L							< 0.01		< 0.01	

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<b>PESTICIDES</b>											
DIELDRIN	UG/L							< 0.01		< 0.01	
ENDRIN	UG/L							< 0.01		< 0.01	
TOXAPHENE	UG/L							< 5		< 1.0	
AROCLOR 1242	UG/L							< 0.1		< 0.1	
AROCLOR 1254	UG/L							< 0.1		< 0.1	
BETA-BHC	UG/L							< 0.01		< 0.01	
DELTA-BHC	UG/L							< 0.01		< 0.01	
CIS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L							< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L							< 0.01		< 0.01	
OXYCHLORDANE	UG/L							< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L								H		H
ENDOSULFAN I	UG/L							< 0.01		< 0.01	
ENDOSULFAN II	UG/L							< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L							< 0.01		< 0.01	
ENDRIN ALDEHYDE	UG/L							< 0.01		< 0.2	
AROCLOR 1016	UG/L							< 0.1		< 0.1	
AROCLOR 1221	UG/L							< 0.1		< 0.5	
AROCLOR 1232	UG/L							< 0.1		< 0.5	
AROCLOR 1248	UG/L							< 0.1		< 0.1	
AROCLOR 1260	UG/L							< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L								H	< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 2.5	< 2.5	< 20	< 5.0	< 5.0	< 250	< 10	< 375	< 20	
CHLOROFORM	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
1,1,1-TRICHLOROETHANE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
CARBON TETRACHLORIDE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 2.5	< 62.5	< 5.0	
1,1-DICHLOROETHENE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 2.5	< 62.5	< 5.0	
TRICHLOROETHYLENE	UG/L	50	76	96	51	57	70	57	63	66	
TETRACHLOROETHYLENE	UG/L	14	20	25	13	12	< 25	9.7	< 62.5	9.9	
BROMODICHLOROMETHANE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
DIBROMOCHLOROMETHANE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
BROMOFORM	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
CHLOROENZENE	UG/L	290	490	540	300	290	360	250	310	270	
VINYL CHLORIDE	UG/L	540	820	920	445	500	< 50	410	810	410	
O-DICHLOROENZENE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
M-DICHLOROENZENE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10	
P-DICHLOROENZENE	UG/L	5.9	11	< 10	6.2	6.2	< 25	5.9	< 62.5	< 10	
1,1-DICHLOROETHANE	UG/L	59	88	110	62	64	67	57	75	60	
1,1,2-TRICHLOROETHANE	UG/L	< 2.5	< 2.5	< 10	< 5.0	< 5.0	< 25	< 2.5	< 62.5	< 5.0	
1,2-DICHLOROETHANE	UG/L	77	140	150	84	90	94	87	100	91	

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A
		SJ76860	SJ80260	SJ90204	SJ93610	SJ98812	SJ03296	SJ10296	SJ14015	SJ18739	SJ23434
		07/06/89	10/03/89	01/08/90	04/03/90	07/03/90	10/02/90	01/08/91	04/03/91	07/10/91	10/02/91
<b>VOLATILE ORGANIC COMPOUND</b>											
BENZENE	UG/L	290		330	260	140	150	120	130	160	100
TOLUENE	UG/L	7.0		11	12	6.4	5.3	< 25	8.0	< 62.5	8.4
ETHYL BENZENE	UG/L	< 2.5		< 2.5	430	< 5.0	< 5.0	< 25	< 2.5	< 62.5	< 5.0
O-XYLENE	UG/L									< 62.5	I
TRANS-1,2-DICHLOROETHYLEN	UG/L	11		18	18	12	12	< 25	12	< 62.5	12
BROMOMETHANE	UG/L	< 15		< 12	< 50	< 25	< 25	< 50	< 25	< 125	< 50
CHLOROETHANE	UG/L	< 15		< 12	< 50	< 25	< 25	< 50	< 25	< 125	< 50
2-CHLOROETHYLVINYLETER	UG/L	< 5.0		< 5.0	< 20	< 10	< 10	< 50	< 10	< 125	< 20
CHLOROMETHANE	UG/L	< 15		< 12	< 50	< 25	< 25	< 50	< 25	< 125	< 50
1,2-DICHLOROPROPANE	UG/L	< 2.5		10	12	7.1	7.1	< 25	< 2.5	< 62.5	5.9
CIS-1,3-DICHLOROPROPENE	UG/L	< 2.5		< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10
TRANS-1,3-DICHLOROPROPENE	UG/L	< 2.5		< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10
1,1,2,2-TETRACHLOROETHANE	UG/L	< 2.5		< 2.5	< 10	< 5.0	< 5.0	< 25	< 5.0	< 62.5	< 10
ACROLEIN	UG/L							< 50		< 125	
ACRYLONITRILE	UG/L							< 50		< 125	
FREON 11 (CCL3F)	UG/L									< 125	
ACETONE	UG/L	< 100	< 25	< 50	660	< 100	< 200			< 1250	I
CIS-1,2-DICHLOROETHYLENE	UG/L									120	110
TETRAHYDROFURAN	UG/L									< 1250	I
2-BUTANONE	UG/L	< 100	< 25	< 50	< 200	< 100	< 200			< 125	I
4-METHYL-2-PENTANONE	UG/L									< 125	I
STYRENE	UG/L									< 62.5	I
M+P-XYLENE	UG/L									< 62.5	I
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L							< 2		< 2	
ACENAPHTHYLENE	UG/L							< 2		< 2	
ANTHRACENE	UG/L							< 1		< 1	
BENZIDINE	UG/L							< 62		< 62	
BENZO(A)ANTHRACENE	UG/L							< 2		< 2	
BENZO(A)PYRENE	UG/L							< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L							< 2		< 2	
BENZO(G.H.I.)PERYLENE	UG/L							< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L							< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L							< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L							< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L							< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L							2	G	1	G
4-BROMOPHENYL PHENYLETER	UG/L							< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L							< 3		< 3	
2-CHLORONAPHTHALENE	UG/L							< 1		< 1	
4-CHLOROPHENYLPHENYLETER	UG/L							< 2		< 2	

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		07/06/89	10/03/89	01/08/90	04/03/90	07/03/90	10/02/90	01/08/91	04/03/91	07/10/91	10/02/91

ACID-BASE NEUTRAL EXTRACT

CHRYSENE	UG/L	<	2	<	2
DIBENZO(A,H)ANTHRACENE	UG/L	<	6	<	6
1,2-DICHLOROBENZENE	UG/L	<	10	<	2 G
1,3-DICHLOROBENZENE	UG/L	<	10	<	10
1,4-DICHLOROBENZENE	UG/L	<	6	<	7 G
3,3'-DICHLOROBENZIDINE	UG/L	<	100	<	100
DIETHYL PHTHALATE	UG/L	<	1 G	<	2
DIMETHYL PHTHALATE	UG/L	<	3	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4	<	4
2,4-DINITROTOLUENE	UG/L	<	3	<	3
2,6-DINITROTOLUENE	UG/L	<	5	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	1
FLUORANTHENE	UG/L	<	2	<	2
FLUORENE	UG/L	<	2	<	2
HEXACHLOROBENZENE	UG/L	<	1	<	1
HEXACHLOROBUTADIENE	UG/L	<	10	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	100
HEXACHLOROETHANE	UG/L	<	12	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	6
ISOPHORONE	UG/L	<	4	<	3
NAPHTHALENE	UG/L	<	2	<	2
NITROBENZENE	UG/L	<	2	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	2
PHENANTHRENE	UG/L	<	1	<	1
PYRENE	UG/L	<	2	<	2
2,3,7,8-TCDD	UG/L	<	3	<	3
2-CHLOROPHENOL	UG/L	<	2 G	<	2 G
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	3
2,4-DICHLOROPHENOL	UG/L	<	3	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3	<	1 G
2,4-DINITROPHENOL	UG/L	<	39	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	17
2-NITROPHENOL	UG/L	<	5	<	5
4-NITROPHENOL	UG/L	<	6	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	2
PENTACHLOROPHENOL	UG/L	<	16	<	16
PHENOL	UG/L	<	3	<	4 G
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	2

FOOTNOTES : A-AVERAGE OF DUPS B-AVERAGE C-DUP & SPIKE D-INTERFERENCE E-DUPLICATE SPIKE  
 F-CALCULATED VALUE G-VALUE <MDL, >IDL H-ND = NONE DETECTED I-AMENDED TEST RESULT

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M07A SJ30036 01/02/92	M07A SJ34699 03/30/92

## FIELD PARAMETERS

DEPTH TO WATER	FT	49.2	48.6
DEPTH TO BOTTOM	FT	60.7	60.7
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	20
FIELD WATER TEMPERATURE	DEG C	18	20
FIELD PH	PH	6.55	6.44
FIELD CONDUCTIVITY	UMHOS/CM	9750	5500
FIELD DISSOLVED O2	MG/L	1.9	1.0
FIELD DISSOLVED CO2	MG/L	508.6	713.9
FIELD TOTAL ALKALINITY	MG/L	1002	1024
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1

## GENERAL

PH	PH	6.42	6.50
CONDUCTIVITY	UMHOS/CM	9200	9260 A
TOTAL DISSOLVED SOLIDS	MG/L	10183	10780
GROSS ALPHA RADIOACTIVITY	PCI/L	4.5	
GROSS BETA RADIOACTIVITY	PCI/L	15	

## ANIONS

NITRATE NITROGEN	MG/L N	0.09	1.25
SULFATE	MG/L SO4	5160	4910
CHLORIDE	MG/L CL	975	1000
TOTAL ALKALINITY	MG/L CAC03	861	851
BICARBONATE ALKALINITY	MG/L CAC03	861	851
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1

## CATIONS

CALCIUM-HARDNESS	MG/L CAC03	1500	1400
MAGNESIUM-HARDNESS	MG/L CAC03	4300	4090
SODIUM	MG/L NA	493	489
POTASSIUM	MG/L K	21	18
IRON	MG/L FE	163	
MANGANESE	MG/L MN	4.38	

## ORGANIC MATTER

AMMONIA NITROGEN	MG/L N	7.9	4.76
TOTAL KJELDAHL NITROGEN	MG/L N	28.4	27.3
SOLUBLE BOD	MG/L O	22	18 A

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

B-AVERAGE  
G-VALUE <MDL, >IDL

C-DUP & SPIKE  
H-ND = NONE DETECTED

D-INTERFERENCE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M07A	M07A
		SJ30036	SJ34699
		01/02/92	03/30/92
<b>ORGANIC MATTER</b>			
SOLUBLE COD	MG/L O	1080	1030
TOTAL ORGANIC CARBON	MG/L C	520 E	460
OIL & GREASE	MG/L EXTRAC	< 1 E	< 1
TOTAL ORGANIC HALOGEN(TOX	MG/L	0.600	0.540
<b>METALS</b>			
ARSENIC	MG/L AS	0.15	0.17
BARIUM	MG/L BA	0.09	0.16
CADMIUM	MG/L CD	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	0.06	0.06
HEXAVALENT CHROMIUM	MG/L CR	< 0.04	
COPPER	MG/L CU	0.03	
LEAD	MG/L PB	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001
NICKEL	MG/L NI	0.77	
SELENIUM	MG/L SE	<0.003	0.021
SILVER	MG/L AG	0.016	0.019
ZINC	MG/L ZN	0.09	
<b>PESTICIDES</b>			
PP'-DDE	UG/L	< 0.01	
PP'-DDD	UG/L	< 0.01	
PP'-DDT	UG/L	< 0.01	
ALPHA-BHC	UG/L	< 0.01	
LINDANE (GAMMA-BHC)	UG/L	< 0.01	
HEPTACHLOR	UG/L	< 0.01	
HEPTACHLOR EPOXIDE	UG/L	< 0.01	
ALDRIN	UG/L	< 0.01	
DIELDRIN	UG/L	< 0.01	
ENDRIN	UG/L	< 0.01	
TOXAPHENE	UG/L	< 5	
AROCLOR 1242	UG/L	< 0.1	
AROCLOR 1254	UG/L	< 0.1	
BETA-BHC	UG/L	< 0.01	
DELTA-BHC	UG/L	< 0.01	
CIS-CHLORDANE	UG/L	< 0.01	
TRANS-CHLORDANE	UG/L	< 0.01	
TRANS-NONACHLOR	UG/L	< 0.01	
OXYCHLORDANE	UG/L	< 0.01	
TOTAL DETECTED CHLORDANES	UG/L		H
ENDOSULFAN I	UG/L	< 0.01	

FOOTNOTES : A-AVERAGE OF DUPS      B-AVERAGE      C-DUP & SPIKE      D-INTERFERENCE      E-DUPLICATE SPIKE  
 F-CALCULATED VALUE      G-VALUE <MDL, >IDL      H-ND = NONE DETECTED      I-AMENDED TEST RESULT

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M07A	M07A
		SJ30036	SJ34699
		01/02/92	03/30/92

## PESTICIDES

ENDOSULFAN II	UG/L	< 0.01	
ENDOSULFAN SULFATE	UG/L	< 0.01	
ENDRIN ALDEHYDE	UG/L	< 0.01	
AROCLOR 1016	UG/L	< 0.1	
AROCLOR 1221	UG/L	< 0.1	
AROCLOR 1232	UG/L	< 0.1	
AROCLOR 1248	UG/L	< 0.1	
AROCLOR 1260	UG/L	< 0.1	
TECHNICAL CHLORDANE	UG/L	< 0.1	

## VOLATILE ORGANIC COMPOUND

METHYLENE CHLORIDE	UG/L	< 150	< 20
CHLOROFORM	UG/L	< 25	< 5.0
1,1,1-TRICHLOROETHANE	UG/L	< 25	< 5.0
CARBON TETRACHLORIDE	UG/L	< 25	< 2.5
1,1-DICHLOROETHENE	UG/L	< 25	< 2.5
TRICHLOROETHYLENE	UG/L	49	78
TETRACHLOROETHYLENE	UG/L	< 25	8.6
BROMODICHLOROMETHANE	UG/L	< 25	< 5.0
DIBROMOCHLOROMETHANE	UG/L	< 25	< 5.0
BROMOFORM	UG/L	< 25	< 5.0
CHLOROBENZENE	UG/L	210	330
VINYL CHLORIDE	UG/L	320	420
O-DICHLOROBENZENE	UG/L	< 25	< 5.0
M-DICHLOROBENZENE	UG/L	< 25	< 5.0
P-DICHLOROBENZENE	UG/L	< 25	< 5.0
1,1-DICHLOROETHANE	UG/L	43	64
1,1,2-TRICHLOROETHANE	UG/L	< 25	< 2.5
1,2-DICHLOROETHANE	UG/L	69	90
BENZENE	UG/L	87	75
TOLUENE	UG/L	< 25	7.1
ETHYL BENZENE	UG/L	< 25	< 2.5
O-XYLENE	UG/L	< 25	
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 25	9.7
BROMOMETHANE	UG/L	< 50	< 25
CHLOROETHANE	UG/L	< 50	< 25
2-CHLOROETHYLVINYLETHER	UG/L	< 50	< 10
CHLOROMETHANE	UG/L	< 50	< 25
1,2-DICHLOROPROPANE	UG/L	< 25	< 5.0
CIS-1,3-DICHLOROPROPENE	UG/L	< 25	< 5.0
TRANS-1,3-DICHLOROPROPENE	UG/L	< 25	< 5.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 25	< 5.0

FOOTNOTES : A-AVERAGE OF DUPS  
F-CALCULATED VALUE

B-AVERAGE  
G-VALUE <MDL, >IDL

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H-ND = NONE DETECTED

D-INTERFERENCE  
I-AMENDED TEST RESULT

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ30036 01/02/92	WELL M07A SJ34699 03/30/92
<b>VOLATILE ORGANIC COMPOUND</b>			
ACROLEIN	UG/L	<	50
ACRYLONITRILE	UG/L	<	50
FREON 11 (CCL3F)	UG/L	<	50
ACETONE	UG/L	<	500
CIS-1,2-DICHLOROETHYLENE	UG/L		84
TETRAHYDROFURAN	UG/L	<	500
2-BUTANONE	UG/L	<	50
4-METHYL-2-PENTANONE	UG/L	<	50
STYRENE	UG/L	<	25
M+P-XYLENE	UG/L	<	25
<b>ACID-BASE NEUTRAL EXTRACT</b>			
ACENAPHTHENE	UG/L	<	2
ACENAPHTHYLENE	UG/L	<	2
ANTHRACENE	UG/L	<	1
BENZIDINE	UG/L	<	62
BENZO(A)ANTHRACENE	UG/L	<	2
BENZO(A)PYRENE	UG/L	<	7
BENZO(B)FLUORANTHENE	UG/L	<	2
BENZO(G,H,I)PERYLENE	UG/L	<	6
BENZO(K)FLUORANTHENE	UG/L	<	2
BIS(2-CL-ETHOXY)METHANE	UG/L	<	3
BIS(2-CHLOROETHYL)ETHER	UG/L	<	5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	<	3
DIETHYLHEXYL PHTHALATE	UG/L	<	10
4-BROMOPHENYL PHENYLEETHER	UG/L	<	9
BUTYLBENZYL PHTHALATE	UG/L	<	3
2-CHLORONAPHTHALENE	UG/L	<	1
4-CHLOROPHENYLPHENYLEETHER	UG/L	<	2
CHRYSENE	UG/L	<	2
DIBENZO(A,H)ANTHRACENE	UG/L	<	6
1,2-DICHLOROBENZENE	UG/L	<	10
1,3-DICHLOROBENZENE	UG/L	<	10
1,4-DICHLOROBENZENE	UG/L	<	6
3,3'-DICHLOROBENZIDINE	UG/L	<	100
DIETHYL PHTHALATE	UG/L	<	2
DIMETHYL PHTHALATE	UG/L	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4
2,4-DINITROTOLUENE	UG/L	<	3
2,6-DINITROTOLUENE	UG/L	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1

FOOTNOTES : A-AVERAGE OF DUPS      B-AVERAGE      C-DUP & SPIKE      D-INTERFERENCE      E-DUPLICATE SPIKE  
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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL
		M07A SJ30036 01/02/92	M07A SJ34699 03/30/92
ACID-BASE NEUTRAL EXTRACT			
FLUORANTHENE	UG/L	<	2
FLUORENE	UG/L	<	2
HEXACHLOROBENZENE	UG/L	<	1
HEXACHLOROBUTADIENE	UG/L	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100
HEXACHLOROETHANE	UG/L	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6
ISOPHORONE	UG/L	<	3
NAPHTHALENE	UG/L	<	2
NITROBENZENE	UG/L	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2
PHENANTHRENE	UG/L	<	1
PYRENE	UG/L	<	2
2,3,7,8-TCDD	UG/L	<	3
2-CHLOROPHENOL	UG/L	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3
2,4-DICHLOROPHENOL	UG/L	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3
2,4-DINITROPHENOL	UG/L	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17
2-NITROPHENOL	UG/L	<	5
4-NITROPHENOL	UG/L	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2
PENTACHLOROPHENOL	UG/L	<	16
PHENOL	UG/L	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2

FOOTNOTES : A-AVERAGE OF DUPS B-AVERAGE C-DUP & SPIKE D-INTERFERENCE E-DUPLICATE SPIKE  
 F-CALCULATED VALUE G-VALUE <MDL, >IDL H-ND = NONE DETECTED I-AMENDED TEST RESULT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M07A SJ40161 07/09/92	WELL M07A SJ44788 10/02/92	WEFI M07A SJ49448 12/31/92	WELL M07A SJ49452 12/31/92	WEFI M07A SJ55015 04/06/93	WELL M07A SJ55018 04/06/93	WEFI M07A SJ59387 07/01/93	WELL M07A SJ59391 07/01/93	WEFI M07A SJ63739 09/30/93	WELL M07A SJ63743 09/30/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	47.6	48.6		48.9		48.2		47.9		48.0
DEPTH TO BOTTOM	FT	60.7	60.7		60.5		60.5		60.5		60.5
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	18	20		20		18		21		20
FIELD WATER TEMPERATURE	DEG C	24	19		19		19		25.2		24
FIELD PH	PH	6.00	6.11		6.25		6.20		6.07		6.17
FIELD CONDUCTIVITY	UMHOS/CM	10800	10400		10250		9100		9090		9600
FIELD DISSOLVED O2	MG/L	1.1	1.9		1.2		2.9		0.40		0.80
FIELD DISSOLVED CO2	MG/L	610.7	707.5		647.7		573.5		742.4		545.1
FIELD TOTAL ALKALINITY	MG/L	1130	1000		950		850		946		1022
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH	6.41	6.32		6.39		6.48		6.46		6.40
CONDUCTIVITY	UMHOS/CM	10200	10100		9590		8810		10200		10550 D
SUSPENDED SOLIDS	MG/L				78		244 D		365		152
TOTAL DISSOLVED SOLIDS	MG/L	12054	11970		10460		9970		12068		13550
TOTAL CYANIDE	MG/L CN										< 0.01
GROSS ALPHA RADIOACTIVITY	PCI/L	76			3.1				13		
GROSS BETA RADIOACTIVITY	PCI/L	244			16.3				3.1		
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.11	< 0.01		0.36		0.45		0.07		0.03
SULFATE	MG/L SO4	5000	5300	4800	4960	4520	4380 E	5350	4920 E	5600	5560
CHLORIDE	MG/L CL	1140	1110	963	1050	870	841	1110	1100	1220	1170
TOTAL ALKALINITY	MG/L CAC03	792	825		819		648		824		936 G
BICARBONATE ALKALINITY	MG/L CAC03	792	825		819		648		824		936 G
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	698	1760	1520	1550	1670	1630 F	1530	1760	1740	1760
MAGNESIUM-HARDNESS	MG/L CAC03	4900	5140	4010	4730	4440	4200 F	4820	5190	5190	5230
SODIUM	MG/L NA	541	557	495	505	416	392 F	491	525	569	562
POTASSIUM	MG/L K	22	21	19.3	21.4	12.2	14.4 F	19.2	20.6	21.8	21.4
IRON	MG/L FE	218		169	219			176	234		
MANGANESE	MG/L MN	6.77		6.41	6.39			5.87	6.82		
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	4.5	7.6		6.5		3.3		6.1		4.7

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-BLANK CONTAMINANT D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ40161	SJ44788	SJ49448	SJ49452	SJ55015	SJ55018	SJ59387	SJ59391	SJ63739	SJ63743
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93
<b>ORGANIC MATTER</b>											
TOTAL KJELDAHL NITROGEN	MG/L N	28.0	29.3		27.8		19.6		24.5		32.4
SOLUBLE BOD	MG/L O	43	15		23		4		23		21 D
SOLUBLE COD	MG/L O	1260	1290		1260		932		1210		1300
TOTAL ORGANIC CARBON	MG/L C	450	570		480		350		520		530
OIL & GREASE	MG/L EXTRAC	< 1	< 1		< 1		< 1		< 1		< 1
TOTAL ORGANIC HALOGEN(TOX)	UG/L	550	700		660		680		550		700
<b>METALS</b>											
ARSENIC	MG/L AS	0.033	0.13	0.21	0.29	0.038	0.147	0.230	0.24	0.147	0.241
BARIUM	MG/L BA	0.26	0.11	0.04	0.19	0.13	0.27 F	0.06	0.23	0.07	0.18
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.04	< 0.05	< 0.01	< 0.01 F	0.04	0.05	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	0.28	0.26	0.22	0.3	0.03	0.08 F	0.18	0.27	0.04	0.05
HEXAVALENT CHROMIUM	MG/L CR	< 0.04					< 0.04		< 0.04		
COPPER	MG/L CU	0.07		< 0.04	< 0.05			0.03	0.06		
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04 F	< 0.04	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001 F
NICKEL	MG/L NI	5.19		2.81	2.25			2.27	4.53		
SELENIUM	MG/L SE	0.039	0.034	0.042	0.052	0.038	0.035	0.122	0.015	0.115	0.090
SILVER	MG/L AG	0.016	0.017	0.018	0.015	0.013	0.016 F	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.19		0.47	0.14			0.10	0.17		
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDD	UG/L	< 0.01			< 0.01				< 0.01		
PP'-DDT	UG/L	< 0.01			< 0.01				< 0.01		
ALPHA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
LINDANE (GAMMA-BHC)	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
HEPTACHLOR EPOXIDE	UG/L	< 0.01			< 0.01				< 0.01		
ALDRIN	UG/L	< 0.01			< 0.01				< 0.01		
DIELDRIN	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN	UG/L	< 0.01			< 0.01				< 0.01		
TOXAPHENE	UG/L	< 5			< 5				< 5		
AROCLOR 1242	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1254	UG/L	< 0.1			< 0.1				< 0.1		
BETA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
DELTA-BHC	UG/L	< 0.01			< 0.01				< 0.01		
CIS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-CHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		
TRANS-NONACHLOR	UG/L	< 0.01			< 0.01				< 0.01		
OXYCHLORDANE	UG/L	< 0.01			< 0.01				< 0.01		

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-BLANK CONTAMINANT D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A	MO7A
		SJ40161	SJ44788	SJ49448	SJ49452	SJ55015	SJ55018	SJ59387	SJ59391	SJ63739	SJ63743
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

CONSTITUENT	UNITS	WELL MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A
TOTAL DETECTED CHLORDANES	UG/L										
ENDOSULFAN I	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN II	UG/L	< 0.01			< 0.01				< 0.01		
ENDOSULFAN SULFATE	UG/L	< 0.01			< 0.01				< 0.01		
ENDRIN ALDEHYDE	UG/L	< 0.01			< 0.01				< 0.01		
AROCLOR 1016	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1221	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1232	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1248	UG/L	< 0.1			< 0.1				< 0.1		
AROCLOR 1260	UG/L	< 0.1			< 0.1				< 0.1		
TECHNICAL CHLORDANE	UG/L	< 0.1			< 0.1				< 0.1		

VOLATILE ORGANIC COMPOUNDS

CONSTITUENT	UNITS	WELL MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A	WEFI MO7A	WELL MO7A
METHYLENE CHLORIDE	UG/L	< 75	45 C		< 150		< 10		< 75		< 10
CHLOROFORM	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
1,1,1-TRICHLOROETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
CARBON TETRACHLORIDE	UG/L	< 12.5	< 2.5		< 25		< 2.5		< 12.5		< 2.5
1,1-DICHLOROETHENE	UG/L	< 12.5	< 2.5		< 25		< 2.5		< 12.5		< 2.5
TRICHLOROETHYLENE	UG/L	42	19		< 25		37		54		45
TETRACHLOROETHYLENE	UG/L	< 12.5	2.6		< 25		< 2.5		< 12.5		3.3
BROMODICHLOROMETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
DIBROMOCHLOROMETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
BROMOFORM	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
CHLOROBENZENE	UG/L	120	82		200		110		120		84
VINYL CHLORIDE	UG/L	180	39		240		130		160		180
O-DICHLOROETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
M-DICHLOROETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
P-DICHLOROETHANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0
1,1-DICHLOROETHANE	UG/L	51	17		40		28		36		32
1,1,2-TRICHLOROETHANE	UG/L	< 12.5	< 2.5		< 25		< 2.5		< 12.5		< 2.5
1,2-DICHLOROETHANE	UG/L	68	42		< 25		43		50		45
BENZENE	UG/L	28	12		< 25		25		21		13
TOLUENE	UG/L	< 12.5	< 2.5		< 25		< 2.5		< 12.5		< 2.5
ETHYL BENZENE	UG/L	< 12.5	< 2.5		< 25		< 2.5		< 12.5		< 2.5
VINYL ACETATE	UG/L	< 250			< 500				< 250		
O-XYLENE	UG/L	< 12.5			< 25				< 12.5		
TRANS-1,2-DICHLOROETHYLENE	UG/L	13	3.4		< 25		5.5		< 12.5		6.1
BROMOMETHANE	UG/L	< 25	< 25		< 50		< 25		< 25		< 25
CHLOROETHANE	UG/L	< 25	< 25		< 50		< 25		< 25		< 25
2-CHLOROETHYL VINYLETHER	UG/L	< 25	< 10		< 50		< 10		< 25		< 10
CHLOROMETHANE	UG/L	< 25	< 25		< 50		< 25		< 25		< 25
1,2-DICHLOROPROPANE	UG/L	< 12.5	< 5.0		< 25		< 5.0		< 12.5		< 5.0

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-BLANK CONTAMINANT D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ40161	SJ44788	SJ49448	SJ49452	SJ55015	SJ55018	SJ59387	SJ59391	SJ63739	SJ63743
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

VOLATILE ORGANIC COMPOUNDS

CIS-1,3-DICHLOROPROPENE	UG/L	< 12.5	< 5.0	< 25	< 5.0	< 12.5	< 5.0
TRANS-1,3-DICHLOROPROPENE	UG/L	< 12.5	< 5.0	< 25	< 5.0	< 12.5	< 5.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 12.5	< 5.0	< 25	< 5.0	< 12.5	< 5.0
ACROLEIN	UG/L	< 25		< 50		< 5000	
ACRYLONITRILE	UG/L	< 25		< 50		< 1250	
FREON 11 (CCL3F)	UG/L	< 25		< 50		< 25	
ACETONE	UG/L	< 250		< 500		< 250	
CIS-1,2-DICHLOROETHYLENE	UG/L	77	36	< 25		80	
TETRAHYDROFURAN	UG/L	290		< 500		340	
2-BUTANONE	UG/L	< 250		< 500		< 250	
4-METHYL-2-PENTANONE	UG/L	< 25		< 50		< 25	
STYRENE	UG/L	< 12.5		< 25		< 12.5	
M+P-XYLENE	UG/L	< 12.5		< 25		< 12.5	

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2		< 20		< 20	
ACENAPHTHYLENE	UG/L	< 2		< 20		< 20	
ANTHRACENE	UG/L	< 1		< 10		< 10	
BENZIDINE	UG/L	< 62		< 620		< 620	
BENZO(A)ANTHRACENE	UG/L	< 2		< 20		< 20	
BENZO(A)PYRENE	UG/L	< 7		< 70		< 70	
BENZO(B)FLUORANTHENE	UG/L	< 2		< 20		< 20	
BENZO(G,H,I)PERYLENE	UG/L	< 6		< 60		< 60	
BENZO(K)FLUORANTHENE	UG/L	< 2		< 20		< 20	
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3		< 30		< 30	
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5		< 50		< 50	
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3		< 30		< 30	
DIETHYLHEXYL PHTHALATE	UG/L	< 10		< 100		< 100	
4-BROMOPHENYL PHENYLETHER	UG/L	< 9		< 90		< 90	
BUTYLBENZYL PHTHALATE	UG/L	< 3		< 30		< 30	
2-CHLORONAPHTHALENE	UG/L	< 1		< 10		< 10	
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2		< 20		< 20	
CHRYSENE	UG/L	< 2		< 20		< 20	
DIBENZO(A,H)ANTHRACENE	UG/L	< 6		< 60		< 60	
1,2-DICHLOROBENZENE	UG/L	< 1 B		< 100		< 100	
1,3-DICHLOROBENZENE	UG/L	< 10		< 100		< 100	
1,4-DICHLOROBENZENE	UG/L	5		< 20		< 20	
3,3'-DICHLOROBENZIDINE	UG/L	< 100		< 1000		< 1000	
DIETHYL PHTHALATE	UG/L	< 2		< 20		< 20	
DIMETHYL PHTHALATE	UG/L	< 3		< 30		< 30	
DI-N-BUTYL PHTHALATE	UG/L	< 4		< 40		< 40	
2,4-DINITROTOLUENE	UG/L	< 3		< 30		< 30	

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ40161	SJ44788	SJ49448	SJ49452	SJ55015	SJ55018	SJ59387	SJ59391	SJ63739	SJ63743
		07/09/92	10/02/92	12/31/92	12/31/92	04/06/93	04/06/93	07/01/93	07/01/93	09/30/93	09/30/93

ACID-BASE NEUTRAL EXTRACTABLE

2,6-DINITROTOLUENE	UG/L	<	5	<	50	<	50
DI-N-OCTYL PHTHALATE	UG/L	<	5	<	50	<	50
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	10	<	10
FLUORANTHENE	UG/L	<	2	<	20	<	20
FLUORENE	UG/L	<	2	<	20	<	20
HEXACHLOROBENZENE	UG/L	<	1	<	10	<	10
HEXACHLOROBUTADIENE	UG/L	<	10	<	100	<	100
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	1000	<	1000
HEXACHLOROETHANE	UG/L	<	12	<	120	<	120
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	60	<	60
ISOPHORONE	UG/L	<	4	<	30	<	30
NAPHTHALENE	UG/L	<	2	<	20	<	20
NITROBENZENE	UG/L	<	2	<	20	<	20
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	300	<	300
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	20	<	20
PHENANTHRENE	UG/L	<	1	<	10	<	10
PYRENE	UG/L	<	2	<	20	<	20
2,3,7,8-TCDD	UG/L	<	3	<	30	<	30
2-CHLOROPHENOL	UG/L		1 B	<	80	<	80
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	30	<	30
2,4-DICHLOROPHENOL	UG/L	<	3	<	30	<	30
2,4-DIMETHYLPHENOL	UG/L		1 B	<	30	<	30
2,4-DINITROPHENOL	UG/L		1 B	<	390	<	390
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	170	<	170
2-NITROPHENOL	UG/L		1 B	<	50	<	50
4-NITROPHENOL	UG/L		1 B	<	60	<	60
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	20	<	20
PENTACHLOROPHENOL	UG/L	<	16	<	160	<	160
PHENOL	UG/L		3	<	30	<	30
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	20	<	20
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	20	<	20

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ70052	SJ70053	SJ74467	SJ74472	SJ78471	SJ78474	SJ82570	SJ82575
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94
<b>FIELD PARAMETERS</b>									
DEPTH TO WATER	FT		48.3		48.2		48.8		49.20
DEPTH TO BOTTOM	FT		60.5		60.5		60.5		60.58
PERCENT METHANE IN GAS	%CH4		< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2		19		21		18		14
FIELD WATER TEMPERATURE	DEG C		20.3		22.3		21.1		19
FIELD PH	PH		6.18		6.17		6.19		6.16
FIELD CONDUCTIVITY	UMHOS/CM		8540		6950		6850		5980
FIELD DISSOLVED O2	MG/L		1.35		1.00		1.95		3.3
FIELD DISSOLVED CO2	MG/L		612.5		725.6		643.7		683.8
FIELD TOTAL ALKALINITY	MG/L		1080		1018		1028		1040
FIELD HYDROGEN SULFIDE	PPM		< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>									
PH	PH		6.47		6.47		6.24 D		6.26
CONDUCTIVITY	UMHOS/CM		6100		10000		10050 D		9880
SUSPENDED SOLIDS	MG/L		146		540		162		311
TOTAL DISSOLVED SOLIDS	MG/L		8094		11036		10990		10790
TOTAL CYANIDE	MG/L CN		< 0.01		0.01				
GROSS ALPHA RADIOACTIVITY	PCI/L		< 0.1				48		23.5
GROSS BETA RADIOACTIVITY	PCI/L		30				26		25.9
<b>ANIONS</b>									
NITRATE NITROGEN	MG/L N		0.04		< 0.02		< 0.02		< 0.02
SULFATE	MG/L SO4	4520 G	4880		5520		5350		5300
CHLORIDE	MG/L CL	1180	1180		1140		1040		1070
TOTAL ALKALINITY	MG/L CAC03		< 905		852 E		883		884
BICARBONATE ALKALINITY	MG/L CAC03		905		852		883		884
TOTAL SULFIDE	MG/L S		< 0.1		< 0.1		< 0.1 D		
<b>CATIONS</b>									
CALCIUM-HARDNESS	MG/L CAC03	1680	1680	1680	1660 F	1240	1640	1740	1720
MAGNESIUM-HARDNESS	MG/L CAC03	5270	5230	4940	5020 F	4860	4900	5020	4900
SODIUM	MG/L NA	559	549	534	525 F	529	521	537	559
POTASSIUM	MG/L K	21.5	21.9	21.0	21.4 F	20.3	18.6	20.9	23.2
IRON	MG/L FE	207	242			188 G	474	249	258
MANGANESE	MG/L MN	6.95	6.85			6.77 G	7.90	7.57	6.36
<b>ORGANIC MATTER</b>									
AMMONIA NITROGEN	MG/L N		12.3		1.0		5.3		2.5

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-BLANK CONTAMINANT D-AVERAGE OF DUPS E-DUP & SPIKE  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ70052	SJ70053	SJ74467	SJ74472	SJ78471	SJ78474	SJ82570	SJ82575
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

ORGANIC MATTER

TOTAL KJELDAHL NITROGEN	MG/L N		28.1		19.9		27.7		
SOLUBLE BOD	MG/L O		3		19		29 D		30
SOLUBLE COD	MG/L O		1290		1270 E		1420		1430
TOTAL ORGANIC CARBON	MG/L C		570		560		560		490
OIL & GREASE	MG/L EXTRAC		< 0.91 F		< 0.9		< 0.9		
HYDROCARBONS-MODIFIED8015	MG/L HC								<0.275
TOTAL ORGANIC HALOGEN(TOX	UG/L		590		760 H		850		

METALS

ARSENIC	MG/L AS	0.215	0.297	0.218	0.294	0.266	0.310	0.263	0.275
BARIUM	MG/L BA	0.06	0.07	0.07	0.27 F	0.05	0.20	0.04	0.09
CADMIUM	MG/L CD	<0.005	<0.005	<0.003	0.004 F	<0.003 G	<0.003	<0.003	<0.003
TOTAL CHROMIUM	MG/L CR	0.16	0.18	0.10	0.15 F	0.14	0.17	0.14	0.17
HEXAVALENT CHROMIUM	MG/L CR		0.044 I				0.062 H		
COPPER	MG/L CU	0.03	0.03			0.02 G	0.05	0.02	0.04
LEAD	MG/L PB	< 0.04	< 0.04	< 0.02	< 0.02 F	< 0.02	< 0.02	< 0.02	< 0.02
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	2.35	1.90			2.42 G	5.46	4.41	1.38
SELENIUM	MG/L SE	0.057	0.060	0.050	0.052	0.058	0.032	0.041	0.050
SILVER	MG/L AG	<0.005	<0.005	< 0.01	< 0.01 F	< 0.01	< 0.01	< 0.01	< 0.01
ZINC	MG/L ZN	0.16	0.12			0.13 G	0.18	0.14	0.13

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

PP'-DDE	UG/L		< 0.01				< 0.01		< 0.01
PP'-DDD	UG/L		< 0.01				< 0.01		< 0.01
PP'-DDT	UG/L		< 0.01				< 0.01		< 0.01
ALPHA-BHC	UG/L		< 0.01				< 0.01		< 0.01
LINDANE (GAMMA-BHC)	UG/L		< 0.01				< 0.01		< 0.01
HEPTACHLOR	UG/L		< 0.01				< 0.01		< 0.01
HEPTACHLOR EPOXIDE	UG/L		< 0.01				< 0.01		< 0.01
ALDRIN	UG/L		< 0.01				< 0.01		< 0.01
DIELDRIN	UG/L		< 0.01				< 0.01		< 0.01
ENDRIN	UG/L		< 0.01				< 0.01		< 0.01
TOXAPHENE	UG/L		< 0.5				< 0.5		< 0.5
AROCLOR 1242	UG/L		< 0.1				< 0.1		< 0.1
AROCLOR 1254	UG/L		< 0.05				< 0.05		< 0.05
BETA-BHC	UG/L		< 0.01				< 0.01		< 0.01
DELTA-BHC	UG/L		< 0.01				< 0.01		< 0.01
CIS-CHLORDANE	UG/L		< 0.01				< 0.01		< 0.01
TRANS-CHLORDANE	UG/L		< 0.01				< 0.01		< 0.01
TRANS-NONACHLOR	UG/L		< 0.01				< 0.01		< 0.01

FOOTNOTES : A-ND = NONE DETECTED  
F-DUPLICATE SPIKE

B-VALUE <MDL, >IDL  
G-AMENDED TEST RESULT

C-BLANK CONTAMINANT  
H-CHECK NOTES TO USER

D-AVERAGE OF DUPS  
I-INTERFERENCE

E-DUP & SPIKE



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ70052	SJ70053	SJ74467	SJ74472	SJ78471	SJ78474	SJ82570	SJ82575
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

OXYCHLORDANE	UG/L	< 0.01				< 0.01			
TOTAL DETECTED CHLORDANES	UG/L		A				A		
ENDOSULFAN I	UG/L	< 0.01				< 0.01		< 0.01	
ENDOSULFAN II	UG/L	< 0.01				< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L	< 0.1				< 0.1		< 0.1	
ENDRIN ALDEHYDE	UG/L	< 0.01				< 0.01		< 0.01	
AROCLOR 1016	UG/L	< 0.1				< 0.1		< 0.1	
AROCLOR 1221	UG/L	< 0.1				< 0.1		< 0.1	
AROCLOR 1232	UG/L	< 0.1				< 0.1		< 0.1	
AROCLOR 1248	UG/L	< 0.1				< 0.1		< 0.1	
AROCLOR 1260	UG/L	< 0.1				< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L	< 0.05				< 0.05		< 0.05	

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	26 H		13		< 10		< 10	
CHLOROFORM	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
1,1,1-TRICHLOROETHANE	UG/L	8.0 H		< 5.0		< 5.0		< 5.0	
CARBON TETRACHLORIDE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	
1,1-DICHLOROETHENE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	
TRICHLOROETHYLENE	UG/L	80		52		53		40	
TETRACHLOROETHYLENE	UG/L	8.5		< 2.5		< 2.5		< 2.5	
BROMODICHLOROMETHANE	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
DIBROMOCHLOROMETHANE	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
BROMOFORM	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
CHLOROBENZENE	UG/L	160		120		140		150	
VINYL CHLORIDE	UG/L	190		250		320		420	
O-DICHLOROBENZENE	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
M-DICHLOROBENZENE	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
P-DICHLOROBENZENE	UG/L	7.0		< 5.0		< 5.0		< 5.0	
1,1-DICHLOROETHANE	UG/L	58		40		39		31	
1,1,2-TRICHLOROETHANE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	
1,2-DICHLOROETHANE	UG/L	80		60		57		50	
BENZENE	UG/L	29		27		27		28	
TOLUENE	UG/L	22 H		< 2.5		< 2.5		3.0	
ETHYL BENZENE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	
O-XYLENE	UG/L	< 5.0		< 5.0		< 5.0		< 5.0	
TRANS-1,2-DICHLOROETHYLENE	UG/L	15		7.8		7.5		6.2	
BROMOMETHANE	UG/L	< 25		< 25		< 25		< 25	
CHLOROETHANE	UG/L	< 25		< 25		< 25		< 25	
2-CHLOROETHYL VINYLETHER	UG/L	< 10		< 10		< 10		< 10	
CHLOROMETHANE	UG/L	< 25		< 25		< 25		< 25	
1,2-DICHLOROPROPANE	UG/L	8.1		5.2		< 5.0		< 5.0	

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-BLANK CONTAMINANT D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ70052	SJ70053	SJ74467	SJ74472	SJ78471	SJ78474	SJ82570	SJ82575
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94

VOLATILE ORGANIC COMPOUNDS

CIS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 5.0	< 5.0	< 5.0
TRANS-1,3-DICHLOROPROPENE	UG/L	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 5.0	< 5.0	< 5.0	< 5.0
CIS-1,2-DICHLOROETHYLENE	UG/L	120	83	78	75
TETRAHYDROFURAN	UG/L	270	< 200	< 200	180
M+P-XYLENE	UG/L	< 5.0	< 5.0	< 5.0	< 5.0

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 20	< 20	< 20	< 20
ACENAPHTHYLENE	UG/L	< 20	< 20	< 20	< 20
ANTHRACENE	UG/L	< 10	< 10	< 10	< 10
BENZIDINE	UG/L	< 620	< 620	< 620	< 620
BENZO(A)ANTHRACENE	UG/L	< 20	< 20	< 20	< 20
BENZO(A)PYRENE	UG/L	< 70	< 70	< 70	< 70
BENZO(B)FLUORANTHENE	UG/L	< 20	< 20	< 20	< 20
BENZO(G,H,I)PERYLENE	UG/L	< 60	< 60	< 60	< 60
BENZO(K)FLUORANTHENE	UG/L	< 20	< 20	< 20	< 20
BIS(2-CL-ETHOXY)METHANE	UG/L	< 30	< 30	< 30	< 30
BIS(2-CHLOROETHYL)ETHER	UG/L	< 50	< 50	< 50	< 50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 30	< 30	< 30	< 30
DIETHYLHEXYL PHTHALATE	UG/L	21 B	< 100	< 100	< 100
4-BROMOPHENYL PHENYLEETHER	UG/L	< 90	< 90	< 90	< 90
BUTYLBENZYL PHTHALATE	UG/L	< 30	< 30	< 30	< 30
2-CHLORONAPHTHALENE	UG/L	< 10	< 10	< 10	< 10
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 20	< 20	< 20	< 20
CHRYSENE	UG/L	< 20	< 20	< 20	< 20
DIBENZO(A,H)ANTHRACENE	UG/L	< 60	< 60	< 60	< 60
1,2-DICHLOROBENZENE	UG/L	< 100	< 100	< 100	< 100
1,3-DICHLOROBENZENE	UG/L	< 100	< 100	< 100	< 100
1,4-DICHLOROBENZENE	UG/L	2 B	< 20	< 20	< 20
3,3'-DICHLOROBENZIDINE	UG/L	< 1000	< 1000	< 1000	< 1000
DIETHYL PHTHALATE	UG/L	< 20	< 20	< 20	< 20
DIMETHYL PHTHALATE	UG/L	< 30	< 30	< 30	< 30
DI-N-BUTYL PHTHALATE	UG/L	3 B	< 40	< 40	< 40
2,4-DINITROTOLUENE	UG/L	< 30	< 30	< 30	< 30
2,6-DINITROTOLUENE	UG/L	< 50	< 50	< 50	< 50
DI-N-OCTYL PHTHALATE	UG/L	< 50	< 50	< 50	< 50
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 10	< 10	< 10
FLUORANTHENE	UG/L	< 20	< 20	< 20	< 20
FLUORENE	UG/L	< 20	< 20	< 20	< 20
HEXACHLOROBENZENE	UG/L	< 10	< 1	< 10	< 10
HEXACHLOROBUTADIENE	UG/L	< 100	< 100	< 100	< 100

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M07A	M07A	M07A	M07A	M07A	M07A	M07A	M07A
		SJ70052	SJ70053	SJ74467	SJ74472	SJ78471	SJ78474	SJ82570	SJ82575
		01/03/94	01/03/94	04/04/94	04/04/94	06/30/94	06/30/94	10/05/94	10/05/94
ACID-BASE NEUTRAL EXTRACTABLE									
HEXACHLOROCYCLOPENTADIENE	UG/L		< 1000				< 1000		< 1000
HEXACHLOROETHANE	UG/L		< 120				< 120		< 120
INDENO(1,2,3-C,D)PYRENE	UG/L		< 60				< 60		< 60
ISOPHORONE	UG/L		< 30				< 30		< 30
NAPHTHALENE	UG/L		< 20				< 20		< 20
NITROBENZENE	UG/L		< 20				< 30		< 20
N-NITROSODIMETHYLAMINE	UG/L		< 300				< 300		< 300
N-NITROSODI-N-PROPYLAMINE	UG/L		< 20				< 20		< 20
PHENANTHRENE	UG/L		< 10				< 10		< 10
PYRENE	UG/L		< 20				< 20		< 20
2,3,7,8-TCDD	UG/L		< 30				< 30		< 30
2-CHLOROPHENOL	UG/L		< 80				< 80		< 80
1,2,4-TRICHLOROBENZENE	UG/L		< 30				< 30		< 30
2,4-DICHLOROPHENOL	UG/L		< 30				< 30		< 30
2,4-DIMETHYLPHENOL	UG/L		< 30				< 30		< 30
2,4-DINITROPHENOL	UG/L		< 390				< 390		< 390
2-METHYL-4,6DINITROPHENOL	UG/L		< 170				< 170		< 170
2-NITROPHENOL	UG/L		< 50				< 50		< 50
4-NITROPHENOL	UG/L		< 60				< 60		< 60
4-CHLORO-3-METHYLPHENOL	UG/L		< 20				< 20		< 20
PENTACHLOROPHENOL	UG/L		< 160				< 160		< 160
PHENOL	UG/L		< 30				< 300		< 30
2,4,6-TRICHLOROPHENOL	UG/L		< 20				< 20		< 20
N-NITROSODIPHENYLAMINE	UG/L		< 20				< 20		< 20

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## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M07A	880114 SJ50370	VOC'S: 1/26/88; C-1,2-DCE: 74UG/L;
M07A	880412 SJ53629	VOC'S ANALYZED MONTGOMERY LABS 4-19-88: #257 LBTPL-SL
M07A	880720 SJ57248	VOC'S 8/1/88; THF: 420UG/L; F-21: 26UG/L; C-1,2-DCE: 110UG/L; SJC-TPL 204;
M07A	881012 SJ60557	VOC'S 10/18/88; THF: 490UG/L; F-21: 26UG/L; C-1,2-DCE: 99UG/L; #314 AT VAL.
M07A	890118 SJ70593	314 AT VAL.; 408 RUN BY POM R&D: VOC'S MONT. LABS 1-25-89: C-1,2-DCE: 110UG/L;
M07A	890425 SJ74159	@ LBTPL 151, 155, 301, 257 408 POM R&D; VOC'S 4/28/89; C-1,2-DCE=150UG/L; THF=430UG/L; ETHYLEETHER=170UG/L; F-21=65UG/L
M07A	890706 SJ76860	313=VALTPL 312, 408=POMR/D, VOC'S 7/13/89; THF: 400UG/L; C-1,2-DCE: 93UG/L; F-21: 24UG/L ETHYL ETHER: 100UG/L
M07A	891003 SJ80260	312=POMR/D, 257=LBTPL, 314=VALTPL
M07A	900108 SJ90204	314=VALTPL, 312, 408=POMR/D VOC'S 1/12/90; C-1,2-DCE = 140UG/L, F-21 = 40UG/L, THF = 440UG/L, ETHYL ETHER = 160UG/L.
M07A	900403 SJ93610	314, 204=POMR/D, 301, 257=LB, VOC'S 4/11/90; C-1,2-DCE; 180UG/L.

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M07A	900703 SJ98812	257,301=LB, 201, 204, 312, 314=POMR/D, 310=SJCTPL VOC'S: 7/5/90; CFC-21: 16UG/L; THF: 210 UG/L C-1,2-DCE: 100 UG/L; NON-601/602 PEAKS DETECTED
M07A	901002 SJ03296	408=WN, 312, 314, 204=POMR/D VOC'S 10/9/90 C-1,2-DCE: 100UG/L
M07A	910108 SJ10296	257,301=LB POSSIBLE INTERFERENCE IN THE CR(6+) ANALYSIS BCA LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY =<0.03MG/L AND THALLIUM=<0.03MG/L PESTICIDES/PCB'S ANALYZED AT JWPCP (JW80432) VOC'S MONTGOMERY LABS 370 & 371 BY TMA BNA EXT 01-14-91 INJ 01-23-91 TESTS 370: +/- 47; 371: +/- 19
M07A	910403 SJ14015	257,301=LB TOX, ARSENIC, SELENIUM BROWN & CALDWELL VOC'S 4/4/91 C-1,2-DCE: 92UG/L
M07A	910710 SJ18739	404=LC FOOTNOTE #10, TEST=710; SAMPLE ABSORBANCE DUE TO APPARENT INTERFERENCE. SAME AS SAMPLE #SJO18738 705, 720 = BROWN & CALDWELL VOA'S = MONTGOMERY LABS 410 = MONTGOMERY LABS, MDL 320 UG/L RADIOACTIVITY: ALPHA=2SIGMA 6.8, BETA=2SIGMA 9.0/MONTGOMERY BNA EXT 07-16-91 INJ 07-22-91 BNA TO BE RERUN AT DILUTION TO CONFIRM MATRIX INTERFERENCE. TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M07A	911002 SJ23434	VOC'S 10/4/91 THF: 370 UG/L; CIS-1,2-DCE: 110UG/L.
M07A	920102 SJ30036	ALPHA/2SIGMA = 12, BETA/2SIGMA = 9.1

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M07A	920102 SJ30036	BNA EXT 01-06-92 INJ 01-13-92 B
M07A	920330 SJ34699	VOC's 4/7/92

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M07A WELL	070992 SJ40161	370 - ALPHA/2SIGMA = 17PCI/L, 371 - BETA/2SIGMA = 18PCI/L  BNA EXT 07-14-92 INJ 07-20-92 BNA MATRIX INTERFERENCE NOT CONFIRMED.
M07A WELL	100292 SJ44788	VOC'S 10/08/92; CH2CL2 BLANK: 3.7UG/L
M07A WELL	123192 SJ49452	ML REPORT #4795; TOX ML REPORT #4794; VOLATILE ORGANICS. ML REPORT # 4793; ALPHA & BETA ALPHA 2 SIGMA +/- 3.1 PCI/L, BETA 2 SIGMA +/- 13.4 PCI/L BNA EXT 01-06-93 INJ 01-12-93 BNA TO BE RERUN. BNA PASS HOLDING TIME,REPORT RESET VALUE
M07A WELL	040693 SJ55018	ML REPORT #6386; TEST 410 (TOX).  VOC's 04/07/93; C-1,2-DCE:57UG/L
M07A WELL	070193 SJ59391	ML REPORT #7839; TEST 410 (TOX). ML REPORT #7838; ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 21 PCI/L, BETA 2 SIGMA +/- 14 PCI/L. BNA EXT 7-7-93 INJ 7-30-93 BLANK: 812 2UG/L
M07A WELL	093093 SJ63743	ML REPORT #9664; TEST 410 (TOX).  VOCS 10/13/93; C-1,2-DCE: 68UG/L 28 DEC 93 - RESULTS FOR TEST CODES 305 AND 306 WERE CHANGED FROM 468 TO 936 DUE TO AN ERROR IN ENTERING SAMPLE INFORMATION INTO THE PROGRAM THAT CALCULATES THE FINAL RESULTS. A SAMPLE VOLUME OF 20ML WAS ENTERED INSTEAD OF THE 10ML THAT WAS USED. FOOT NOTE 33 (CALCUALTED VALUE) FOR TEST CODE 306, OVER WRITTEN.
M07A WEFI	010394 SJ70052	REPORT AMENDED 03/04/94 (CRW). SULFATE RESULTS CHANGED FROM 452 MG/L TO 4520 MG/L.
M07A WELL	010394 SJ70053	ML REPORT #11305; TOX, ALPHA & BETA. ALPHA 2 SIGMA +/- 18 PCI/L, BETA 2 SIGMA +/- 16 PCI/L. ALPHA = -5.0 PCI/L VOCS 01/04/94; INSTRUMENT BLANK; CH2CL2 = 33.0 UG/L, 1,1,1-TCA = 6.0 UG/L, TOLUENE = 5.0 UG/L. BNA EXT 01-06-94 INJ 01-12-94 BLANK 812: 1 UG/L
M07A WELL	040494 SJ74472	TOX:10% RULE EXCEEDED

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M07A WELL	040494 SJ74472	VOCs 04/06/94
M07A WEFI	063094 SJ78471	HEADER INFORMATION MODIFIED ON 09/19/94
M07A WELL	063094 SJ78474	HEXAVALENT CHROMIUM: DUPLICATE SPIKE - MATRIX INTERFERENCE CONFIRMED. THE APPARENT CONCENTRATION STEMS FROM ABSORBAN CE OF A YELLOW COMPLEX, WITH NO PEAK AT 540 NM. ML REPORT #14241; ALPHA & BETA. ALPHA 2 SIGMA +/- 36 PCI/L, BETA 2 SIGMA +/- 17 PCI/L. VOCs 07/05/94 BNA EXT: 7-1-94 INJ: 7-11-94
M07A WELL	100594 SJ82575	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 34.3 PCI/L; BETA 2 SIGMA +/- 16.5 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/07/94 BNA EXT: 10-13-94 INJ: 10-26-94



## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M23A SJ39796 12/02/87	WELL M23A SJ52338 03/14/88	WELL M23A SJ56336 06/23/88	WELL M23A SJ59224 09/07/88	WELL M23A SJ62743 12/19/88	WELL M23A SJ73040 03/27/89	WELL M23A SJ75986 06/14/89	WELL M23A SJ79475 09/13/89	WELL M23A SJ83227 12/04/89	WELL M23A SJ92363 03/05/90
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT		31.08	30.5		31.3	31.1	30.7	31.1	30.1	31.4
DEPTH TO BOTTOM	FT		52.50	52.5		52.5	52.4	52.4	52.4	52.4	52.4
PERCENT METHANE IN GAS	%CH4		< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2		21	21		21	20	21	21	20	20
FIELD WATER TEMPERATURE	DEG C		22	23	22	19	23	23	22	21	20
FIELD PH	PH		5.89	6.08	6.30	6.00	6.45	6.65	6.20	6.31	6.3
FIELD CONDUCTIVITY	UMHOS/CM		7500	7800	7800	8100	8950	7400	7800	8100	8000
FIELD DISSOLVED O2	MG/L		2.9	2.4	3.0	3.4	6.2	1.6	1.8	2.6	8.0
FIELD DISSOLVED CO2	MG/L		434.7	488.2	386	590	484	448	572	525.9	521.7
FIELD TOTAL ALKALINITY	MG/L		462	478	524	524	708	620	536	550	506
FIELD HYDROGEN SULFIDE	PPM		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	0.2	< 0.1
<b>GENERAL</b>											
PH	PH		6.58	6.32	6.30	6.56	6.31	6.65	6.55	6.29 D	6.3
CONDUCTIVITY	UMHOS/CM		7150	7100	7500	7750	7350	5550	6750	5925	7500
SUSPENDED SOLIDS	MG/L	70000	388	216	2960	759	3110	1080	976	374	649
TOTAL DISSOLVED SOLIDS	MG/L	8140	8300	8850	8980	8990	8660	8880	8680	8530	9030
TOTAL HARDNESS	MG/L CaCO3				5000	6800	6050	5410	5160	4890 E	
PHENOLS	MG/L C6H5OH				0.002	0.002	< 0.001	0.082	0.003	0.007	
BORON	MG/L B				1.34	1.57	1.38	1.18	1.44	1.33	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.07	< 0.1	0.15	0.05	0.21	0.19	0.15	0.13	0.08 C	0.09
SULFATE	MG/L SO4	4500	4400	4887	4320	4740	5240	4860	4240	4680	4780
CHLORIDE	MG/L CL	535	499	508	500	536	499 B	529	488 B	480	490
TOTAL PHOSPHATE	MG/L PO4					45.3	59.3	43.9	36.1	35.1	32.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	9481	1758	1571 B	3753	1506	2210	1790	1410	1420	1310
MAGNESIUM-HARDNESS	MG/L CaCO3	11780	3820	3688 B	6075	3490	4590	4260	4000	3740	3580
SODIUM	MG/L NA	548	490	453 B	529	437	424	444	423	412	416
POTASSIUM	MG/L K	333	17.4	20 B	53	19	30	28	23	19	20
IRON	MG/L FE	1580	77.5	73.5	258	187	141	156	152	172	169
MANGANESE	MG/L MN	26.3	12.7	11.8	17.8	12.3	11.8	12.4	11.9	12.1	11.9
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N					0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SOLUBLE BOD	MG/L O	2.5 A	5.3 A	7.0	5.0	15	11	8	16	< 1	17
TOTAL COD	MG/L O					928	734	831	957	1020	1090

FOOTNOTES : A-AVERAGE  
F-INTERFERENCE

B-DUP & SPIKE  
G-ND = NONE DETECTED

C-DUPLICATE SPIKE  
H-VALUE <MDL, >IDL

D-AVERAGE OF DUPS  
I-AMENDED TEST RESULT

E-CALCULATED VALUE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M23A SJ39796 12/02/87	WELL M23A SJ52338 03/14/88	WELL M23A SJ56336 06/23/88	WELL M23A SJ59224 09/07/88	WELL M23A SJ62743 12/19/88	WELL M23A SJ73040 03/27/89	WELL M23A SJ75986 06/14/89	WELL M23A SJ79475 09/13/89	WELL M23A SJ83227 12/04/89	WELL M23A SJ92363 03/05/90
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	428	459	739	670	912	642	702	892	960	1070
TANNIN & LIGNIN	MG/L					36	7.0				
OIL & GREASE	MG/L EXTRAC					< 1	2	< 1.0	1.6	10	3.9
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C	< 2.0	< 2.0	< 4.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.10	0.057	0.063	0.16	0.15	0.174	0.17	0.18	0.31	0.20
BARIUM	MG/L BA	1.22	0.45	0.14	0.40						
CADMIUM	MG/L CD	0.40	0.11	0.10	0.50	0.16	0.23	0.19	0.15	0.12	0.11
TOTAL CHROMIUM	MG/L CR	5.35	0.24	0.20	1.40	0.21	0.41	0.40	0.29	0.22	0.21
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	< 0.1	< 0.04	< 0.02	< 0.10	< 0.10	< 0.02	< 0.02	0.06
COPPER	MG/L CU	4.30	0.17	0.10	1.12	0.13	0.33	0.27	0.14	0.08	0.06
LEAD	MG/L PB	3.2	0.34	< 0.01	1.96	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	0.14
MERCURY	MG/L HG	.0057	.0001	.0002 B	.0011 B	.0002	.0003	<.0001	.0002	.0001	<.0001
NICKEL	MG/L NI	7.36	1.82	1.77	3.95	1.87	1.65	1.61	1.61	1.62	1.43
SELENIUM	MG/L SE	0.05	0.049	0.033	0.086	0.055	0.094	0.059	0.044	0.047	0.039
SILVER	MG/L AG	0.15	0.09	0.017	0.62						
ZINC	MG/L ZN	25.4	0.70	0.54	3.31	0.59	1.26	1.00	0.55	0.39	0.31
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 5.0	< 1.0	< 5.0	1.0	< 5.0	< 2.5	2.8	< 2.5	33	12
CHLOROFORM	UG/L	3.1	1.5	2.4	2.5	< 2.5	3.0	6.5	< 2.5	< 2.5	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CARBON TETRACHLORIDE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1-DICHLOROETHENE	UG/L	0.5	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRICHLOROETHYLENE	UG/L	0.3	0.4	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TETRACHLOROETHYLENE	UG/L	< 0.1	0.3	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
BROMODICHLOROMETHANE	UG/L	0.2	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
BROMOFORM	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROBENZENE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
VINYL CHLORIDE	UG/L	< 1.0	< 1.0	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5			< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
M-DICHLOROBENZENE	UG/L					< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
P-DICHLOROBENZENE	UG/L					< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1-DICHLOROETHANE	UG/L	< 0.1	0.2	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

FOOTNOTES : A-AVERAGE F-INTERFERENCE B-DUP & SPIKE G-ND = NONE DETECTED C-DUPLICATE SPIKE H-VALUE <MDL, >IDL D-AVERAGE OF DUPS I-AMENDED TEST RESULT E-CALCULATED VALUE

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M23A SJ39796 12/02/87	WELL M23A SJ52338 03/14/88	WELL M23A SJ56336 06/23/88	WELL M23A SJ59224 09/07/88	WELL M23A SJ62743 12/19/88	WELL M23A SJ73040 03/27/89	WELL M23A SJ75986 06/14/89	WELL M23A SJ79475 09/13/89	WELL M23A SJ83227 12/04/89	WELL M23A SJ92363 03/05/90
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-DICHLOROETHANE	UG/L	0.5	0.2	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
BENZENE	UG/L	0.2	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TOLUENE	UG/L	< 0.5	< 0.5	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
ETHYL BENZENE	UG/L	0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
BROMOMETHANE	UG/L	< 1.0	< 1.0	< 10	< 10	< 15	< 25	< 12	< 12	< 12	< 12
CHLOROETHANE	UG/L	< 1.0	< 1.0	< 4.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 12	< 12
2-CHLOROETHYLVINYLETHER	UG/L	< 1.0	< 1.0	< 4.0	< 2.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
CHLOROMETHANE	UG/L	< 1.0	< 1.0	< 4.0	< 10	< 5.0	< 25	< 25	< 25	< 12	< 12
1,2-DICHLOROPROPANE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.1	< 0.1	< 2.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
ACETONE	UG/L	< 10	< 1.0	< 50	210	< 50	< 50	< 50	41	< 50	< 50
CIS-1,2-DICHLOROETHYLENE	UG/L	0.7	0.5	< 2.0	< 1.0						
2-BUTANONE	UG/L	< 1.0	< 1.0	< 50	< 20	< 50	< 50	< 50	< 25	< 50	< 50
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.4						
ACENAPHTHYLENE	UG/L	< 0.2	< 10	< 0.2	< 0.4						
ANTHRACENE	UG/L	< 0.1	< 10	< 0.1	< 0.2						
BENZIDINE	UG/L	< 2.2	< 40	< 1.1	< 2.2						
BENZO(A)ANTHRACENE	UG/L	< 0.2	< 10	< 0.2	< 0.4						
BENZO(A)PYRENE	UG/L	< 1.1	< 10	< 0.3	< 0.7						
BENZO(B)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.4						
BENZO(G,H,I)PERYLENE	UG/L	< 2.2	< 10	< 0.4	< 0.9						
BENZO(K)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.4						
BIS(2-CL-ETHOXY)METHANE	UG/L	< 0.1	< 10	< 0.3	< 0.7						
BIS(2-CHLOROETHYL)ETHER	UG/L	< 0.1	< 10	< 0.3	< 0.7						
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 0.6	< 10	< 0.1	< 0.2						
DIETHYLHEXYL PHTHALATE	UG/L	38.0	< 10	6.1	27.8						
4-BROMOPHENYL PHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.4						
BUTYLBENZYL PHTHALATE	UG/L	< 2.2	< 10	< 0.3	< 0.7						
2-CHLORONAPHTHALENE	UG/L	< 0.2	< 10	< 0.2	< 0.4						
4-CHLOROPHENYLPHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.4						
CHRYSENE	UG/L	< 0.6	< 10	< 0.2	0.8						
DIBENZO(A,H)ANTHRACENE	UG/L	< 5.6	< 10	< 0.9	< 1.8						
1,2-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.2						
1,3-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.2						
1,4-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.2						
3,3'-DICHLOROBENZIDINE	UG/L	< 5.6	< 10	< 0.3	< 0.7						

FOOTNOTES : A-AVERAGE  
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C-DUPLICATE SPIKE  
H-VALUE <MDL, >IDL

D-AVERAGE OF DUPS  
I-AMENDED TEST RESULT

E-CALCULATED VALUE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ39796	SJ52338	SJ56336	SJ59224	SJ62743	SJ73040	SJ75986	SJ79475	SJ83227	SJ92363
		12/02/87	03/14/88	06/23/88	09/07/88	12/19/88	03/27/89	06/14/89	09/13/89	12/04/89	03/05/90

ACID-BASE NEUTRAL EXTRACT

DIETHYL PHTHALATE	UG/L	< 0.6	< 10	< 0.1	< 0.2
DIMETHYL PHTHALATE	UG/L	< 0.2	< 25	< 0.1	< 0.2
DI-N-BUTYL PHTHALATE	UG/L	< 0.2	< 50	0.2	< 0.2
2,4-DINITROTOLUENE	UG/L	< 1.3	< 10	< 1.2	< 2.4
2,6-DINITROTOLUENE	UG/L	< 1.1	< 10	< 1.3	< 2.7
DI-N-OCTYL PHTHALATE	UG/L	< 2.2	< 10	< 1.5	< 0.9
1,2-DIPHENYLHYDRAZINE	UG/L	< 0.2	< 10	< 0.1	< 0.2
FLUORANTHENE	UG/L	< 0.6	< 10	< 0.1	< 0.2
FLUORENE	UG/L	< 0.1	< 10	< 0.1	< 0.2
HEXACHLOROBENZENE	UG/L	< 0.6	< 10	< 0.2	< 0.4
HEXACHLOROBUTADIENE	UG/L	< 0.6	< 10	< 0.2	< 0.4
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1.1	< 10	< 1.3	< 2.7
HEXACHLOROETHANE	UG/L	< 0.2	< 10	< 0.7	< 1.3
INDENO(1,2,3-C,D)PYRENE	UG/L	< 4.4	< 10	< 0.6	< 1.1
ISOPHORONE	UG/L	1.4	< 10	1.6	2.3
NAPHTHALENE	UG/L	0.5	< 10	< 0.1	< 0.2
NITROBENZENE	UG/L	< 0.2	< 10	< 0.7	< 1.3
N-NITROSODIMETHYLAMINE	UG/L	< 1.1	< 80	< 1.0	< 2.0
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2.8	< 40	< 1.0	< 0.9
PHENANTHRENE	UG/L	< 0.1	< 10	< 0.1	< 0.2
PYRENE	UG/L	< 0.6	< 10	< 0.1	< 0.2
2,3,7,8-TCDD	UG/L	< 0.1	< 5	< 0.2	< 0.4
2-CHLOROPHENOL	UG/L	< 0.1	< 10	< 0.3	< 0.7
1,2,4-TRICHLOROBENZENE	UG/L	< 0.2	< 10	< 0.2	< 0.4
2,4-DICHLOROPHENOL	UG/L	< 0.6	< 10	< 0.4	< 0.9
2,4-DIMETHYLPHENOL	UG/L	< 0.6	< 10	< 0.6	< 1.1
2,4-DINITROPHENOL	UG/L	< 8.3	< 25	< 5.6	< 11.1
2-METHYL-4,6DINITROPHENOL	UG/L	< 2.8	< 50	< 3.6	< 7.1
2-NITROPHENOL	UG/L	< 2.8	< 10	< 1.0	< 2
4-NITROPHENOL	UG/L	< 1.1	< 25	< 3.1	< 6.2
4-CHLORO-3-METHYLPHENOL	UG/L	< 0.2	< 10	< 1.1	< 2.2
PENTACHLOROPHENOL	UG/L	< 0.6	< 10	< 1.1	< 2.2
PHENOL	UG/L	< 0.6	< 10	1.0	1.8
2,4,6-TRICHLOROPHENOL	UG/L	< 0.3	< 10	< 0.3	< 0.7
N-NITROSODIPHENYLAMINE	UG/L	< 0.6	< 10	< 0.1	< 0.2

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M23A SJ97314 06/04/90	M23A SJ01996 09/10/90	M23A SJ06997 12/13/90	M23A SJ10294 01/08/91	M23A SJ13831 03/28/91	M23A SJ18672 07/09/91	M23A SJ23696 10/08/91	M23A SJ30212 01/07/92	M23A SJ35647 04/15/92
<b>FIELD PARAMETERS</b>										
DEPTH TO WATER	FT	31.2	31.3	31.4	31.3	31.2	31.2	31.1	31.4	30.5
DEPTH TO BOTTOM	FT	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	19	20	19	19	19	20	20	19	18
FIELD WATER TEMPERATURE	DEG C	24	23	21	21	23	22	23	16	21
FIELD PH	PH	6.15	6.30	6.20	6.35	6.0	5.98	6.10	6.25	6.20
FIELD CONDUCTIVITY	UMHOS/CM	7800	7750	7300	7500	8200	9200	7800	8300	4510
FIELD DISSOLVED O2	MG/L	3.0	2.6	2.5	2.4	2.9	1.4	2.7	1.4	1.30
FIELD DISSOLVED CO2	MG/L	483.1	570.1	478.0	577.3	478.6	742.7	573.5	443.1	356.4
FIELD TOTAL ALKALINITY	MG/L	490	530	476	646	622	408	460	414	426
FIELD HYDROGEN SULFIDE	PPM	6.0	0.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1
<b>GENERAL</b>										
PH	PH	6.10	6.32	6.22	6.35	6.99	6.14	5.96	5.88 D	6.43
CONDUCTIVITY	UMHOS/CM	7500	7700	7750	7750	7200	7750	7250	7050	6730
SUSPENDED SOLIDS	MG/L	932	164	924						
TOTAL DISSOLVED SOLIDS	MG/L	8900	8610	8884	8966	7038	8990	8933	8879	7237
TOTAL HARDNESS	MG/L CaCO3	5170 E	4920 E	4830						
PHENOLS	MG/L C6H5OH	0.001	0.007	<0.001						
BORON	MG/L B	1.95	1.66	2.02						
GROSS ALPHA RADIOACTIVITY	PCI/L				86		7.0		6.8	
GROSS BETA RADIOACTIVITY	PCI/L				13		17.0		22	
<b>ANIONS</b>										
NITRATE NITROGEN	MG/L N	0.23	0.08	0.09	0.20	2.08	0.17	0.02	0.06	0.04
SULFATE	MG/L SO4	4390	5210	6670	4670	3570	5040	4690	4904 B	3820
CHLORIDE	MG/L CL	520	510	737	525	635	567	553	521	426
TOTAL ALKALINITY	MG/L CaCO3				526	598	205	228	237	244
BICARBONATE ALKALINITY	MG/L CaCO3				526	598	205	228	237	244
TOTAL PHOSPHATE	MG/L PO4	50.7	36.6	41.6						
TOTAL SULFIDE	MG/L S				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>										
CALCIUM-HARDNESS	MG/L CaCO3	1400	1180	1370	1380	1180	1350	1370	1360	1280
MAGNESIUM-HARDNESS	MG/L CaCO3	3770	3740	3460	3430	2300	3250	3180	3350	2710
SODIUM	MG/L NA	414	427	394	417	778	496	464	442	461
POTASSIUM	MG/L K	22	23	21	21	19	20	22	21	19
IRON	MG/L FE	193	165	167	176		357		150	
MANGANESE	MG/L MN	11.5	11.2	12.1	12.3		12.3		12.0	

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## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M23A SJ97314 06/04/90	M23A SJ01996 09/10/90	M23A SJ06997 12/13/90	M23A SJ10294 01/08/91	M23A SJ13831 03/28/91	M23A SJ18672 07/09/91	M23A SJ23696 10/08/91	M23A SJ30212 01/07/92	M23A SJ35647 04/15/92
ORGANIC MATTER										
ORGANIC MATTER										
AMMONIA NITROGEN	MG/L N	0.3	< 0.1	< 0.1	< 0.1	0.6	< 0.1	0.1	0.4	< 0.01
TOTAL KJELDAHL NITROGEN	MG/L N				15.2	8.9	13.1	12.8	17.5	12.3
SOLUBLE BOD	MG/L O	18	17	21	19	6	29	13	15	3
TOTAL COD	MG/L O	1080	1060	992						
SOLUBLE COD	MG/L O	1010	1010	887	813	419	708	319	987	682
TOTAL ORGANIC CARBON	MG/L C				320	139	280	310	380	260
OIL & GREASE	MG/L EXTRAC	1.0	< 1	< 1	< 1	1.3	5.7	< 1	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX)	MG/L				0.84	1.3	0.310	0.410	0.560	0.340
ACETIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
PROPIONIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
ISOBUTYRIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
BUTYRIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
ISOVALERIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
VALERIC ACID	MG/L	< 4.0	< 2.0	< 2.0						
METALS										
ARSENIC	MG/L AS	0.22	0.17	0.25	0.055	0.076	0.078	0.067	0.043	0.013
BARIUM	MG/L BA				0.10	0.06	0.10	0.11	0.05	0.05
CADMIUM	MG/L CD	0.12	0.13	0.12	0.11	0.09	0.04	0.03	0.02	0.04
TOTAL CHROMIUM	MG/L CR	0.24	0.24	0.21	0.20	0.15	0.06	0.07	0.05	0.04
HEXAVALENT CHROMIUM	MG/L CR	< 0.2	< 0.1	0.05	0.095		< 0.04		< 0.04	
COPPER	MG/L CU	0.12	0.10	0.06	0.06		0.07		0.03	
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	1.69	1.34	1.51	1.06		2.59		1.22	
SELENIUM	MG/L SE	0.003	0.056	0.040	.0094	0.124	.0096	0.011	.0013	.0075
SILVER	MG/L AG				0.024	0.01	0.02	0.015	0.016	0.074
ZINC	MG/L ZN	0.54	0.50	0.32	0.24		0.74		0.53	
PESTICIDES										
PP'-DDE	UG/L				< 0.01		< 0.01		< 0.01	
PP'-DDD	UG/L				< 0.01		< 0.01		< 0.01	
PP'-DDT	UG/L				< 0.01		< 0.01		< 0.01	
ALPHA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L				< 0.01		< 0.01		< 0.01	
HEPTACHLOR	UG/L				< 0.01		< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L				< 0.01		< 0.01		< 0.01	
ALDRIN	UG/L				< 0.01		< 0.01		< 0.01	

FOOTNOTES : A-AVERAGE  
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B-DUP & SPIKE  
G-ND = NONE DETECTED

C-DUPLICATE SPIKE  
H-VALUE <MDL, >IDL

D-AVERAGE OF DUPS  
I-AMENDED TEST RESULT

E-CALCULATED VALUE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ97314	SJ01996	SJ06997	SJ10294	SJ13831	SJ18672	SJ23696	SJ30212	SJ35647
		06/04/90	09/10/90	12/13/90	01/08/91	03/28/91	07/09/91	10/08/91	01/07/92	04/15/92
<b>PESTICIDES</b>										
DIELDRIN	UG/L				< 0.01		< 0.01		< 0.01	
ENDRIN	UG/L				< 0.01		< 0.01		< 0.01	
TOXAPHENE	UG/L				< 5		< 1		< 5	
AROCLOR 1242	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1254	UG/L				< 0.1		< 0.1		< 0.1	
BETA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
DELTA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
CIS-CHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L				< 0.01		< 0.01		< 0.01	
OXYCHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L					G		G		G
ENDOSULFAN I	UG/L				< 0.01		< 0.01		< 0.01	
ENDOSULFAN II	UG/L				< 0.01		< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L				< 0.01		< 0.01		< 0.01	
ENDRIN ALDEHYDE	UG/L				< 0.01		< 0.2		< 0.01	
AROCLOR 1016	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1221	UG/L				< 0.1		< 0.5		< 0.1	
AROCLOR 1232	UG/L				< 0.1		< 0.5		< 0.1	
AROCLOR 1248	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1260	UG/L				< 0.1		< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L					G	< 0.1		< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>										
METHYLENE CHLORIDE	UG/L	< 2.0	< 2.5	4.9	< 5.0	< 5.0	< 3.0	< 5.0	< 3.0	< 5.0
CHLOROFORM	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	0.5	< 2.5	0.7	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
CARBON TETRACHLORIDE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
1,1-DICHLOROETHENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
TRICHLOROETHYLENE	UG/L	< 1.0	< 2.5	< 2.5	0.9	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
TETRACHLOROETHYLENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
BROMODICHLOROMETHANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
BROMOFORM	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
CHLORO BENZENE	UG/L	< 1.0	< 2.5	< 2.5	4.3	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
VINYL CHLORIDE	UG/L	< 1.0	< 2.5	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5
O-DICHLORO BENZENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
M-DICHLORO BENZENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
P-DICHLORO BENZENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
1,1-DICHLOROETHANE	UG/L	< 1.0	< 2.5	< 2.5	0.6	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
1,1,2-TRICHLOROETHANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
1,2-DICHLOROETHANE	UG/L	< 1.0	< 2.5	< 2.5	0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5

FOOTNOTES : A-AVERAGE F-INTERFERENCE B-DUP & SPIKE G-ND = NONE DETECTED C-DUPLICATE SPIKE H-VALUE <MDL, >IDL D-AVERAGE OF DUPS I-AMENDED TEST RESULT E-CALCULATED VALUE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M23A SJ97314 06/04/90	WELL M23A SJ01996 09/10/90	WELL M23A SJ06997 12/13/90	WELL M23A SJ10294 01/08/91	WELL M23A SJ13831 03/28/91	WELL M23A SJ18672 07/09/91	WELL M23A SJ23696 10/08/91	WELL M23A SJ30212 01/07/92	WELL M23A SJ35647 04/15/92
<b>VOLATILE ORGANIC COMPOUND</b>										
BENZENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
TOLUENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
ETHYL BENZENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
O-XYLENE	UG/L						< 0.50 I		< 0.50	
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 1.5
BROMOMETHANE	UG/L	< 5.0	< 15	< 15	< 1.0	< 15	< 1.0	< 15	< 1.0	< 15
CHLOROETHANE	UG/L	< 5.0	< 15	< 15	< 1.0	< 15	< 1.0	< 15	< 1.0	< 15
2-CHLOROETHYLVINYLEETHER	UG/L	< 2.0	< 5.0	< 5.0	< 1.0	< 5.0	< 1.0	< 5.0	< 1.0	< 5.0
CHLOROMETHANE	UG/L	< 5.0	< 15	< 15	< 1.0	< 15	< 1.0	< 15	< 1.0	< 15
1,2-DICHLOROPROPANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 1.5	< 0.5	< 1.5	< 0.50	< 2.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 2.5	< 2.5	< 0.50	< 2.5	< 0.5	< 2.5	< 0.50	< 2.5
ACROLEIN	UG/L				< 1.0		< 1.0		< 1.0	
ACRYLONITRILE	UG/L				< 1.0		< 1.0		< 1.0	
FREON 11 (CCL3F)	UG/L						< 1.0		< 1.0	
ACETONE	UG/L	130	< 50	< 10			< 10 I		13	
CIS-1,2-DICHLOROETHYLENE	UG/L						0.9		0.70	
TETRAHYDROFURAN	UG/L						< 10 I		< 10	
2-BUTANONE	UG/L	< 50	< 50	< 10			< 1.0 I		< 1.0	
4-METHYL-2-PENTANONE	UG/L						< 1.0 I		< 1.0	
STYRENE	UG/L						< 0.50 I		< 0.50	
M+P-XYLENE	UG/L						< 0.50 I		< 0.50	
<b>ACID-BASE NEUTRAL EXTRACT</b>										
ACENAPHTHENE	UG/L				< 20		< 2		< 2	
ACENAPHTHYLENE	UG/L				< 20		< 2		< 2	
ANTHRACENE	UG/L				< 10		< 1		< 1	
BENZIDINE	UG/L				< 620		< 62		< 62	
BENZO(A)ANTHRACENE	UG/L				< 20		< 2		< 2	
BENZO(A)PYRENE	UG/L				< 70		< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L				< 20		< 2		< 2	
BENZO(G.H.I.)PERYLENE	UG/L				< 60		< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L				< 20		< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L				< 30		< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L				< 50		< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L				< 30		< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L				18 H		2 H		< 1 H	
4-BROMOPHENYL PHENYLEETHER	UG/L				< 90		< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L				< 30		< 3		< 3	
2-CHLORONAPHTHALENE	UG/L				< 10		< 1		< 1	
4-CHLOROPHENYLPHENYLEETHER	UG/L				< 20		< 2		< 2	

FOOTNOTES : A-AVERAGE  
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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ97314	SJ01996	SJ06997	SJ10294	SJ13831	SJ18672	SJ23696	SJ30212	SJ35647
		06/04/90	09/10/90	12/13/90	01/08/91	03/28/91	07/09/91	10/08/91	01/07/92	04/15/92
<b>ACID-BASE NEUTRAL EXTRACT</b>										
CHRYSENE	UG/L				< 20		< 2		< 2	
DIBENZO(A,H)ANTHRACENE	UG/L				< 60		< 6		< 6	
1,2-DICHLOROBENZENE	UG/L				< 100		< 10		< 10	
1,3-DICHLOROBENZENE	UG/L				< 100		< 10		< 10	
1,4-DICHLOROBENZENE	UG/L				< 20		< 2		< 2	
3,3'-DICHLOROBENZIDINE	UG/L				< 1000		< 100		< 100	
DIETHYL PHTHALATE	UG/L				< 20		< 2		< 2	
DIMETHYL PHTHALATE	UG/L				< 30		< 3		< 3	
DI-N-BUTYL PHTHALATE	UG/L				< 40		< 4		< 4	
2,4-DINITROTOLUENE	UG/L				< 30		< 3		< 3	
2,6-DINITROTOLUENE	UG/L				< 50		< 5		< 5	
DI-N-OCTYL PHTHALATE	UG/L				< 50		< 5		< 5	
1,2-DIPHENYLHYDRAZINE	UG/L				< 10		< 1		< 1	
FLUORANTHENE	UG/L				< 20		< 2		< 2	
FLUORENE	UG/L				< 20		< 2		< 2	
HEXACHLOROBENZENE	UG/L				< 10		< 1		< 1	
HEXACHLOROBUTADIENE	UG/L				< 100		< 10		< 10	
HEXACHLOROCYCLOPENTADIENE	UG/L				< 1000		< 100		< 100	
HEXACHLOROETHANE	UG/L				< 120		< 12		< 12	
INDENO(1,2,3-C,D)PYRENE	UG/L				< 60		< 6		< 6	
ISOPHORONE	UG/L				12 H		1 H		2 H	
NAPHTHALENE	UG/L				< 20		< 2		< 2	
NITROBENZENE	UG/L				< 20		< 2		< 2	
N-NITROSODIMETHYLAMINE	UG/L				< 300		< 30		< 30	
N-NITROSODI-N-PROPYLAMINE	UG/L				< 20		< 2		< 2	
PHENANTHRENE	UG/L				< 10		< 1		< 1	
PYRENE	UG/L				< 20		< 2		< 2	
2,3,7,8-TCDD	UG/L				< 30		< 3		< 3	
2-CHLOROPHENOL	UG/L				< 80		< 8		< 8	
1,2,4-TRICHLOROBENZENE	UG/L				< 30		< 3		< 3	
2,4-DICHLOROPHENOL	UG/L				< 30		< 3		< 3	
2,4-DIMETHYLPHENOL	UG/L				< 30		< 3		< 3	
2,4-DINITROPHENOL	UG/L				< 390		< 39		< 39	
2-METHYL-4,6DINITROPHENOL	UG/L				< 170		< 17		< 17	
2-NITROPHENOL	UG/L				< 50		< 5		< 5	
4-NITROPHENOL	UG/L				< 60		< 6		< 6	
4-CHLORO-3-METHYLPHENOL	UG/L				< 20		< 2		< 2	
PENTACHLOROPHENOL	UG/L				< 160		< 16		< 16	
PHENOL	UG/L				24 H		< 3		< 3	
2,4,6-TRICHLOROPHENOL	UG/L				< 20		< 2		< 2	
N-NITROSODIPHENYLAMINE	UG/L				< 20		< 2		< 2	

FOOTNOTES : A-AVERAGE B-DUP & SPIKE C-DUPLICATE SPIKE D-AVERAGE OF DUPS E-CALCULATED VALUE  
 F-INTERFERENCE G-ND = NONE DETECTED H-VALUE <MDL, >IDL I-AMENDED TEST RESULT

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M23A SJ40271 07/13/92	WELL M23A SJ44902 10/05/92	WEFI M23A SJ50088 01/04/93	WELL M23A SJ50092 01/04/93	WEFI M23A SJ54678 03/30/93	WELL M23A SJ54682 03/30/93	WEFI M23A SJ59425 07/02/93	WEFI M23A SJ59426 07/02/93	WELL M23A SJ59429 07/02/93	WELL M23A SJ59430 07/02/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	30.1	30.2		30.5		30.0			29.9	
DEPTH TO BOTTOM	FT	52.4	52.4		52.3		52.4			52.4	
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1		< 0.1		< 0.1			< 0.1	
PERCENT OXYGEN IN GAS	%O2	18	19		19		19			19	
FIELD WATER TEMPERATURE	DEG C	24	25		19		22			24	
FIELD PH	PH	5.4	6.10		6.66		6.32			6.03	
FIELD CONDUCTIVITY	UMHOS/CM	6500	7450		3200		1839			5940	
FIELD DISSOLVED O2	MG/L	2.6	2.0		1.85		2.20			1.6	
FIELD DISSOLVED CO2	MG/L	609.0	550.9		142.1		70.2			478.7	
FIELD TOTAL ALKALINITY	MG/L	312	336		294		302			386	
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1		< 0.1		< 0.1			< 0.1	
<b>GENERAL</b>											
PH	PH	6.12	6.43		6.80		7.08			6.45	6.38 D
CONDUCTIVITY	UMHOS/CM	7520	7600		4690		4340			6280	6270
SUSPENDED SOLIDS	MG/L				143		102 D			25 D	16
TOTAL DISSOLVED SOLIDS	MG/L	8616	8668		4478		4637			7531	7159
GROSS ALPHA RADIOACTIVITY	PCI/L	37			19					22	16
GROSS BETA RADIOACTIVITY	PCI/L	48			11					16	23
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	0.82	0.29		0.35		0.21			0.06	0.06
SULFATE	MG/L SO4	4720	4700	3180	2430	1360	2480 E	3840	3840	3740	3780
CHLORIDE	MG/L CL	488	482	318	258	117	208	364	354	338	344 E
TOTAL ALKALINITY	MG/L CAC03	335	294		353		256			163	167
BICARBONATE ALKALINITY	MG/L CAC03	335	294		353		256			163	167
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1		< 0.1		< 0.1			< 0.1	< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	1510	1480	1150	1000	694	1080	1590	1570	1590 F	1640
MAGNESIUM-HARDNESS	MG/L CAC03	3680	3670	2190	1780	934	1590	2950	2960	2730 F	2630
SODIUM	MG/L NA	463	447	365	345	137	204	333	339	328 F	309
POTASSIUM	MG/L K	22	22.3	14.8	12.3	6.8	11.4	16.0	16.2	14.5 F	14.4
IRON	MG/L FE	77.6		66.4	47.8			117	118	123 F	125
MANGANESE	MG/L MN	13.1		6.27	4.29			9.33	9.48	8.73 F	8.56
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	0.3	< 0.01		< 0.1		< 0.1			< 0.1	< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	11.4	13.5		10.5		6.1			12.5	12.8

FOOTNOTES : A-ND = NONE DETECTED  
F-DUPLICATE SPIKE

B-BLANK CONTAMINANT  
G-CALCULATED VALUE

C-VALUE <MDL, >IDL  
H-CHECK NOTES TO USER

D-AVERAGE OF DUPS  
I-INTERFERENCE

E-DUP & SPIKE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ40271	SJ44902	SJ50088	SJ50092	SJ54678	SJ54682	SJ59425	SJ59426	SJ59429	SJ59430
		07/13/92	10/05/92	01/04/93	01/04/93	03/30/93	03/30/93	07/02/93	07/02/93	07/02/93	07/02/93

ORGANIC MATTER

SOLUBLE BOD	MG/L O	2	8		5		1		9	11
SOLUBLE COD	MG/L O	765	748		409		340		766	774
TOTAL ORGANIC CARBON	MG/L C	290	350		160		130		280	270
OIL & GREASE	MG/L EXTRAC	1.2	< 1		< 1		< 1		< 1	< 1
TOTAL ORGANIC HALOGEN(TOX)	UG/L	450	370		200		180		410	380

METALS

ARSENIC	MG/L AS	0.013	0.045	0.037	0.054	0.020	0.036	0.052	0.050	0.065	0.066
BARIUM	MG/L BA	0.08	0.19	0.02	0.04	0.03	0.06	0.07	0.07	0.07 F	0.06
CADMIUM	MG/L CD	0.04	0.07	0.01	0.01	0.01	0.02	0.05	0.06	0.02 F	0.06
TOTAL CHROMIUM	MG/L CR	0.13	0.2	0.02	0.02	< 0.02	0.02	0.14	0.14	0.03 F	0.14
HEXAVALENT CHROMIUM	MG/L CR	< 0.04			< 0.04					< 0.04	< 0.04
COPPER	MG/L CU	0.05		0.04	0.06			0.03	0.02	0.03 F	0.04
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04 F	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001 F	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	1.87		0.80	0.66			1.06	1.09	1.01 F	0.09
SELENIUM	MG/L SE	0.018	0.027	0.033	0.053	0.012	0.016	0.015	0.029	0.033	0.030
SILVER	MG/L AG	0.017	0.019	0.011	0.01	0.007	0.01	<0.005	<0.005	<0.005 F	<0.005
ZINC	MG/L ZN	0.73		0.34	0.22			0.45	0.57	0.39 F	0.35

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

PP'-DDE	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
PP'-DDD	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
PP'-DDT	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
ALPHA-BHC	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
HEPTACHLOR	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
ALDRIN	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
DIELDRIN	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
ENDRIN	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
TOXAPHENE	UG/L	< 5			< 5					< 5	< 5
AROCLOR 1242	UG/L	< 0.1			< 0.1					< 0.1	< 0.1
AROCLOR 1254	UG/L	< 0.1			< 0.1					< 0.1	< 0.1
BETA-BHC	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
DELTA-BHC	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
CIS-CHLORDANE	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
TRANS-CHLORDANE	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
TRANS-NONACHLOR	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
OXYCHLORDANE	UG/L	< 0.01			< 0.01					< 0.01	< 0.01
TOTAL DETECTED CHLORDANES	UG/L									A	A

FOOTNOTES : A-ND = NONE DETECTED B-BLANK CONTAMINANT C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-CALCULATED VALUE H-BACK NOTES TO USER I-INTERFERENCE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ40271	SJ44902	SJ50088	SJ50092	SJ54678	SJ54682	SJ59425	SJ59426	SJ59429	SJ59430
		07/13/92	10/05/92	01/04/93	01/04/93	03/30/93	03/30/93	07/02/93	07/02/93	07/02/93	07/02/93

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01		< 0.01				< 0.01	< 0.01
ENDOSULFAN II	UG/L	< 0.01		< 0.01				< 0.01	< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.01		< 0.01				< 0.01	< 0.01
ENDRIN ALDEHYDE	UG/L	< 0.01		< 0.01				< 0.01	< 0.01
AROCLOR 1016	UG/L	< 0.1		< 0.1				< 0.1	< 0.1
AROCLOR 1221	UG/L	< 0.1		< 0.1				< 0.1	< 0.1
AROCLOR 1232	UG/L	< 0.1		< 0.1				< 0.1	< 0.1
AROCLOR 1248	UG/L	< 0.1		< 0.1				< 0.1	< 0.1
AROCLOR 1260	UG/L	< 0.1		< 0.1				< 0.1	< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.1		< 0.1				< 0.1	< 0.1

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 3	7.0 B	< 3	< 2.0			< 3	< 3
CHLOROFORM	UG/L	1.7	< 1.0	< 0.5	< 1.0			0.7	0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1	< 1.0	< 1	< 1.0			< 1	< 1
O-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
M-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
P-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
VINYL ACETATE	UG/L	< 10		< 10				< 10	< 10
O-XYLENE	UG/L	< 0.5		< 0.5				< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5
BROMOMETHANE	UG/L	< 1	< 5.0	< 1	< 5.0			< 1	< 1
CHLOROETHANE	UG/L	< 1	< 5.0	< 1	< 5.0			< 1	< 1
2-CHLOROETHYL VINYL ETHER	UG/L	< 1	< 2.0	< 1	< 2.0			< 1	< 1
CHLOROMETHANE	UG/L	< 1	< 5.0	< 1	< 5.0			< 1	< 1
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0			< 0.5	< 0.5

FOOTNOTES : A-ND = NONE DETECTED B-BLANK CONTAMINANT C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUP & SPIKE  
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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ40271	SJ44902	SJ50088	SJ50092	SJ54678	SJ54682	SJ59425	SJ59426	SJ59429	SJ59430
		07/13/92	10/05/92	01/04/93	01/04/93	03/30/93	03/30/93	07/02/93	07/02/93	07/02/93	07/02/93

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5	< 0.5
ACROLEIN	UG/L	< 1		< 1		< 200	< 200
ACRYLONITRILE	UG/L	< 1		< 1		< 50	< 50
FREON 11 (CCL3F)	UG/L	< 1		< 1		< 1	< 1
ACETONE	UG/L	< 10		< 10		< 10	< 10
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5		< 0.5		0.6	0.7
TETRAHYDROFURAN	UG/L	< 10		< 10		< 10	< 10
2-BUTANONE	UG/L	< 10		< 10		< 10	< 10
4-METHYL-2-PENTANONE	UG/L	< 1		< 1		< 1	< 1
STYRENE	UG/L	< 0.5		< 0.5		< 0.5	< 0.5
M+P-XYLENE	UG/L	< 0.5		< 0.5		< 0.5	< 0.5

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 20		< 20		< 20	< 20
ACENAPHTHYLENE	UG/L	< 20		< 20		< 20	< 20
ANTHRACENE	UG/L	< 10		< 10		< 10	< 10
BENZIDINE	UG/L	< 620		< 620		< 620	< 620
BENZO(A)ANTHRACENE	UG/L	< 20		< 20		< 20	< 20
BENZO(A)PYRENE	UG/L	< 70		< 70		< 70	< 70
BENZO(B)FLUORANTHENE	UG/L	< 20		< 20		< 20	< 20
BENZO(G,H,I)PERYLENE	UG/L	< 60		< 60		< 60	< 60
BENZO(K)FLUORANTHENE	UG/L	< 20		< 20		< 20	< 20
BIS(2-CL-ETHOXY)METHANE	UG/L	< 30		< 30		< 30	< 30
BIS(2-CHLOROETHYL)ETHER	UG/L	< 50		< 50		< 50	< 50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 30		< 30		< 30	< 30
DIETHYLHEXYL PHTHALATE	UG/L	< 100		< 100	5 C	< 100	< 26 C
4-BROMOPHENYL PHENYLETHER	UG/L	< 90		< 90		< 90	< 90
BUTYLBENZYL PHTHALATE	UG/L	< 30		< 30		< 30	< 30
2-CHLORONAPHTHALENE	UG/L	< 10		< 10		< 10	< 10
4-CHLOROPHENYLPHENYLETHER	UG/L	< 20		< 20		< 20	< 20
CHRYSENE	UG/L	< 20		< 20		< 20	< 20
DIBENZO(A,H)ANTHRACENE	UG/L	< 60		< 60		< 60	< 60
1,2-DICHLOROBENZENE	UG/L	< 100		< 100		< 100	< 100
1,3-DICHLOROBENZENE	UG/L	< 100		< 100		< 100	< 100
1,4-DICHLOROBENZENE	UG/L	< 20		< 20		< 20	< 20
3,3'-DICHLOROBENZIDINE	UG/L	< 1000		< 1000		< 1000	< 1000
DIETHYL PHTHALATE	UG/L	< 20		< 20		< 20	< 20
DIMETHYL PHTHALATE	UG/L	< 30		< 30		< 30	< 30
DI-N-BUTYL PHTHALATE	UG/L	< 40		< 40		< 40	< 40
2,4-DINITROTOLUENE	UG/L	< 30		< 30		< 30	< 30
2,6-DINITROTOLUENE	UG/L	< 50		< 50		< 50	< 50

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 03/14/95

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ40271	SJ44902	SJ50088	SJ50092	SJ54678	SJ54682	SJ59425	SJ59426	SJ59429	SJ59430
		07/13/92	10/05/92	01/04/93	01/04/93	03/30/93	03/30/93	07/02/93	07/02/93	07/02/93	07/02/93

ACID-BASE NEUTRAL EXTRACTABLE

DI-N-OCTYL PHTHALATE	UG/L	< 50			< 50				< 50	< 50
1,2-DIPHENYLHYDRAZINE	UG/L	< 10			< 10				< 10	< 10
FLUORANTHENE	UG/L	< 20			< 20				< 20	< 20
FLUORENE	UG/L	< 20			< 20				< 20	< 20
HEXACHLOROBENZENE	UG/L	< 10			< 10				< 10	< 10
HEXACHLOROBUTADIENE	UG/L	< 100			< 100				< 100	< 100
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1000			< 1000				< 1000	< 1000
HEXACHLOROETHANE	UG/L	< 120			< 120				< 120	< 120
INDENO(1,2,3-C,D)PYRENE	UG/L	< 60			< 60				< 60	< 60
ISOPHORONE	UG/L	< 30			< 30				< 30	< 30
NAPHTHALENE	UG/L	< 20			< 20				< 20	< 20
NITROBENZENE	UG/L	< 20			< 20				< 20	< 20
N-NITROSODIMETHYLAMINE	UG/L	< 300			< 300				< 300	< 300
N-NITROSODI-N-PROPYLAMINE	UG/L	< 20			< 20				< 20	< 20
PHENANTHRENE	UG/L	< 10			< 10				< 10	< 10
PYRENE	UG/L	< 20			< 20				< 20	< 20
2,3,7,8-TCDD	UG/L	< 30			< 30				< 30	< 30
2-CHLOROPHENOL	UG/L	< 80			< 80				< 80	< 80
1,2,4-TRICHLOROBENZENE	UG/L	< 30			< 30				< 30	< 30
2,4-DICHLOROPHENOL	UG/L	< 30			< 30				< 30	< 30
2,4-DIMETHYLPHENOL	UG/L	< 30			< 30				< 30	< 30
2,4-DINITROPHENOL	UG/L	< 390			< 390				< 390	< 390
2-METHYL-4,6DINITROPHENOL	UG/L	< 170			< 170				< 170	< 170
2-NITROPHENOL	UG/L	< 50			< 50				< 50	< 50
4-NITROPHENOL	UG/L	< 60			< 60				< 60	< 60
4-CHLORO-3-METHYLPHENOL	UG/L	< 20			< 20				< 20	< 20
PENTACHLOROPHENOL	UG/L	< 160			< 160				< 160	< 160
PHENOL	UG/L	< 30			< 30				< 30	< 30
2,4,6-TRICHLOROPHENOL	UG/L	< 20			< 20				< 20	< 20
N-NITROSODIPHENYLAMINE	UG/L	< 20			< 20				< 20	< 20

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

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		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ63821	SJ63826	SJ70699	SJ70704	SJ74412	SJ74415	SJ79241	SJ79245	SJ82430	SJ82435
		10/04/93	10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

FIELD PARAMETERS

DEPTH TO WATER	FT		30.1		30.1		30.3		30.7		30.83
DEPTH TO BOTTOM	FT		52.3		52.3		52.3		52.3		52.35
PERCENT METHANE IN GAS	%CH4	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1
PERCENT OXYGEN IN GAS	%O2		19		20		21		17		18
FIELD WATER TEMPERATURE	DEG C		22		21.1		21		25		22.6
FIELD PH	PH		5.91		5.91		6.09		5.96		5.77
FIELD CONDUCTIVITY	UMHOS/CM		6040		5440		4310		5340		4720
FIELD DISSOLVED O2	MG/L		2.20		1.50		1.7		1.3		3.8
FIELD DISSOLVED CO2	MG/L		366.2		242.4		337.7		509.9		601.9
FIELD TOTAL ALKALINITY	MG/L		330		340		436		434		348
FIELD HYDROGEN SULFIDE	PPM	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1

GENERAL

PH	PH		6.16		6.41		6.37		6.04		6.09
CONDUCTIVITY	UMHOS/CM		6700		7360		7670		7390		7380
SUSPENDED SOLIDS	MG/L		64 D		38		176		173		52. D
TOTAL DISSOLVED SOLIDS	MG/L		8090		8420		8816 E		8854		9029
GROSS ALPHA RADIOACTIVITY	PCI/L				26				46.8		12.8
GROSS BETA RADIOACTIVITY	PCI/L				29				34.9		31.8

ANIONS

NITRATE NITROGEN	MG/L N		0.03		0.03		0.08		<0.001		< 0.02
SULFATE	MG/L SO4	3700	4360	3780	3860		3720		5010		5170
CHLORIDE	MG/L CL	356	381	398 E	439		373		465		462
TOTAL ALKALINITY	MG/L CAC03		229		328		348		290		184
BICARBONATE ALKALINITY	MG/L CAC03		229		328		348		290		184
TOTAL SULFIDE	MG/L S	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1

CATIONS

CALCIUM-HARDNESS	MG/L CAC03	1590	1620	1620	1600	1240	1320	1470	1400	1530	1490 F
MAGNESIUM-HARDNESS	MG/L CAC03	2600	3300	2980	3100	2440	2760	3210	3420	3460	3780 F
SODIUM	MG/L NA	311	369	351	356	326	345	382	389	390	423 F
POTASSIUM	MG/L K	13.8	17.8	16.1	16.7	14.6	18.4	18.0	21.4	17.6	22.2 F
IRON	MG/L FE			116	116			119	117	169	171
MANGANESE	MG/L MN			12.9	13.5			13.0	16.0	12.4	13.3

ORGANIC MATTER

AMMONIA NITROGEN	MG/L N	<	0.1		0.5	<	0.1	<	0.1	<	0.1
TOTAL KJELDAHL NITROGEN	MG/L N		13.8 G		13.3		19.6		14.0		< 0.1

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ63821	SJ63826	SJ70699	SJ70704	SJ74412	SJ74415	SJ79241	SJ79245	SJ82430	SJ82435
		10/04/93	10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94
ORGANIC MATTER											
SOLUBLE BOD	MG/L O		14		12		16		18		8
SOLUBLE COD	MG/L O		812		839		790		980		1170
TOTAL ORGANIC CARBON	MG/L C		300 F		360		350		360		380
OIL & GREASE	MG/L EXTRAC		2.4		< 0.9 F		1.7		< 0.9 F		
HYDROCARBONS-MODIFIED8015	MG/L HC										< 0.3
TOTAL ORGANIC HALOGEN(TOX	UG/L		370		1300 H		630		600		
METALS											
ARSENIC	MG/L AS	0.024	0.081	0.038	0.126	0.010	0.018	0.061	0.058	0.073	0.133
BARIUM	MG/L BA	0.2	0.11	0.13	0.12	0.03	0.15	0.05	0.07	0.04	0.04
CADMIUM	MG/L CD	0.01	0.02	0.016	0.024	0.019	0.059	0.029 F	0.059	0.029	0.050 F
TOTAL CHROMIUM	MG/L CR	0.03	0.04	3.72	0.13	0.06	0.10	0.10	0.11	0.13	0.13
HEXAVALENT CHROMIUM	MG/L CR				0.028 I				< 0.02		
COPPER	MG/L CU			0.10	0.04			< 0.02	0.04	0.04	< 0.03
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02 F
MERCURY	MG/L HG	<.0001	<.0001	<.0001 F	<.0001	<.0001	.0002 F	<.0001	<.0001 F	<.0001	<.0001
NICKEL	MG/L NI			1.74	1.17			1.57	2.34	1.27	1.72
SELENIUM	MG/L SE	0.031	0.038	0.027	0.034	0.030	0.036	0.030	0.022	0.020	0.034
SILVER	MG/L AG	<0.005	<0.005	<0.005	<0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 F
ZINC	MG/L ZN			0.39	0.39			0.52	1.03	0.44	0.63
PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS											
PP'-DDE	UG/L				< 0.01				< 0.01		< 0.01
PP'-DDD	UG/L				< 0.01				< 0.01		< 0.01
PP'-DDT	UG/L				< 0.01				< 0.01		< 0.01
ALPHA-BHC	UG/L				< 0.01				< 0.01		< 0.01
LINDANE (GAMMA-BHC)	UG/L				< 0.01				< 0.01		< 0.01
HEPTACHLOR	UG/L				< 0.01				< 0.01		< 0.01
HEPTACHLOR EPOXIDE	UG/L				< 0.01				< 0.01		< 0.01
ALDRIN	UG/L				< 0.01				< 0.01		< 0.01
DIELDRIN	UG/L				< 0.01				< 0.01		< 0.01
ENDRIN	UG/L				< 0.01				< 0.01		< 0.01
TOXAPHENE	UG/L				< 0.5				< 0.5		< 0.5
AROCLOR 1242	UG/L				< 0.1				< 0.1		< 0.1
AROCLOR 1254	UG/L				< 0.05				< 0.05		< 0.05
BETA-BHC	UG/L				< 0.01				< 0.01		< 0.01
DELTA-BHC	UG/L				< 0.01				< 0.01		< 0.01
CIS-CHLORDANE	UG/L				< 0.01				< 0.01		< 0.01
TRANS-CHLORDANE	UG/L				< 0.01				< 0.01		< 0.01
TRANS-NONACHLOR	UG/L				< 0.01				< 0.01		< 0.01
OXYCHLORDANE	UG/L				< 0.01				< 0.01		< 0.01

FOOTNOTES : A-ND = NONE DETECTED B-BLANK CONTAMINANT C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUP & SPIKE  
 F-DUPLICATE SPIKE G-CALCULATED VALUE H-CHECK NOTES TO USER I-INTERFERENCE



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ63821	SJ63826	SJ70699	SJ70704	SJ74412	SJ74415	SJ79241	SJ79245	SJ82430	SJ82435
		10/04/93	10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

TOTAL DETECTED CHLORDANES	UG/L										
ENDOSULFAN I	UG/L				< 0.01			< 0.01			< 0.01
ENDOSULFAN II	UG/L				< 0.01			< 0.01			< 0.01
ENDOSULFAN SULFATE	UG/L				< 0.1			< 0.1			< 0.1
ENDRIN ALDEHYDE	UG/L				< 0.01			< 0.01			< 0.01
AROCLOR 1016	UG/L				< 0.1			< 0.1			< 0.1
AROCLOR 1221	UG/L				< 0.1			< 0.1			< 0.1
AROCLOR 1232	UG/L				< 0.1			< 0.1			< 0.1
AROCLOR 1248	UG/L				< 0.1			< 0.1			< 0.1
AROCLOR 1260	UG/L				< 0.1			< 0.1			< 0.1
TECHNICAL CHLORDANE	UG/L				< 0.05			< 0.05			< 0.05

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 5.0		3.6 H		< 2.0		3.0		< 2.0
CHLOROFORM	UG/L	< 2.5		< 0.5		2.6		< 1.0		< 1.0
1,1,1-TRICHLOROETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
CARBON TETRACHLORIDE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
1,1-DICHLOROETHENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
TRICHLOROETHYLENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
TETRACHLOROETHYLENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
BROMODICHLOROMETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
DIBROMOCHLOROMETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
BROMOFORM	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
CHLOROBENZENE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
VINYL CHLORIDE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
O-DICHLOROETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
M-DICHLOROETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
P-DICHLOROETHANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
1,1-DICHLOROETHANE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
1,2-DICHLOROETHANE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
BENZENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
TOLUENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
ETHYL BENZENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
O-XYLENE	UG/L			< 1.0		< 1.0		< 1.0		< 1.0
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 1.5		< 0.5		< 0.5		< 0.5		< 0.5
BROMOMETHANE	UG/L	< 15		< 5.0		< 5.0		< 5.0		< 5.0
CHLOROETHANE	UG/L	< 15		< 5.0		< 5.0		< 5.0		< 5.0
2-CHLOROETHYL VINYL ETHER	UG/L	< 5.0		< 2.0		< 2.0		< 2.0		< 2.0
CHLOROMETHANE	UG/L	< 15		< 5.0		< 5.0		< 5.0		< 5.0
1,2-DICHLOROPROPANE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0
CIS-1,3-DICHLOROPROPENE	UG/L	< 2.5		< 1.0		< 1.0		< 1.0		< 1.0

FOOTNOTES : A-ND = NONE DETECTED B-BLANK CONTAMINANT C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUP & SPIKE  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ63821	SJ63826	SJ70699	SJ70704	SJ74412	SJ74415	SJ79241	SJ79245	SJ82430	SJ82435
		10/04/93	10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TETRAHYDROFURAN	UG/L	< 50	< 50	< 50	< 50	< 50	< 50
M+P-XYLENE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
ACENAPHTHYLENE	UG/L	< 1	< 1	< 1	< 1	< 10	< 10
ANTHRACENE	UG/L	< 62	< 62	< 62	< 62	< 620	< 620
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7	< 70	< 70
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
BENZO(G.H.I.)PERYLENE	UG/L	< 6	< 6	< 6	< 6	< 60	< 60
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3	< 30	< 30
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5	< 50	< 50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3	< 30	< 30
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 10	< 10	< 10	< 100	< 100
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9	< 9	< 9	< 90	< 90
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 30	< 30
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1	< 10	< 10
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
CHRYSENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6	< 60	< 60
1,2-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 100	< 100
1,3-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 100	< 100
1,4-DICHLOROBENZENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100	< 100	< 100	< 1000	< 1000
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 30	< 30
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 4	< 40	< 40
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3	< 30	< 30
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5	< 50	< 50
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 5	< 50	< 50
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 1	< 1	< 10	< 10
FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
FLUORENE	UG/L	< 2	< 2	< 2	< 2	< 20	< 20
HEXACHLOROBENZENE	UG/L	< 1	< 1	< 1	< 1	< 10	< 10
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10	< 100	< 100
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100	< 100	< 100	< 1000	< 1000

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A	M23A
		SJ63821	SJ63826	SJ70699	SJ70704	SJ74412	SJ74415	SJ79241	SJ79245	SJ82430	SJ82435
		10/04/93	10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

ACID-BASE NEUTRAL EXTRACTABLE

HEXACHLOROETHANE	UG/L			<	12			<	12		<	120
INDENO(1,2,3-C,D)PYRENE	UG/L			<	6			<	6		<	60
ISOPHORONE	UG/L			<	3			<	3		<	30
NAPHTHALENE	UG/L			<	2			<	2		<	20
NITROBENZENE	UG/L			<	2			<	2		<	20
N-NITROSODIMETHYLAMINE	UG/L			<	30			<	30		<	300
N-NITROSODI-N-PROPYLAMINE	UG/L			<	2			<	2		<	20
PHENANTHRENE	UG/L			<	1			<	1		<	10
PYRENE	UG/L			<	2			<	2		<	20
2,3,7,8-TCDD	UG/L			<	3			<	3		<	30
2-CHLOROPHENOL	UG/L			<	8			<	8		<	80
1,2,4-TRICHLOROBENZENE	UG/L			<	3			<	3		<	30
2,4-DICHLOROPHENOL	UG/L			<	3			<	3		<	30
2,4-DIMETHYLPHENOL	UG/L			<	3			<	3		<	30
2,4-DINITROPHENOL	UG/L			<	39			<	39		<	390
2-METHYL-4,6DINITROPHENOL	UG/L			<	17			<	17		<	170
2-NITROPHENOL	UG/L			<	5			<	5		<	50
4-NITROPHENOL	UG/L			<	6			<	6		<	60
4-CHLORO-3-METHYLPHENOL	UG/L			<	2			<	2		<	20
PENTACHLOROPHENOL	UG/L			<	16			<	16		<	160
PHENOL	UG/L			<	3			<	3		<	30
2,4,6-TRICHLOROPHENOL	UG/L			<	2			<	2		<	20
N-NITROSODIPHENYLAMINE	UG/L			<	2			<	2		<	20

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## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M23A	880314 SJ52338	ABN'S BROWN-CALDWELL, EXTRACTED 3-22-88, INJECTED 3-30-88: VOC'S ANALYZED MONTGOMERY LABS 3-28-88:204=B&C
M23A	880623 SJ56336	VOC'S 6/28/88; THF:78UG/L; MATRIX ITERFERENCE IN HG RESULT. LEAD BY FURNACE BNA EXT 6-28-88 INJ 7-5-88 .
M23A	880907 SJ59224	VOC'S 9/13/88; BNA EXT 9/12/88, ANAL 9/16/88; HG ANALYSIS: MATRIX INTERFERENCE
M23A	881219 SJ62743	VOC'S 12/20/88 314 AT VAL.:408 POM R&D/SR
M23A	890327 SJ73040	VOC'S 3/28/89; 314 AT VAL.; 408 RUN BY POM R&D
M23A	890614 SJ75986	312 RUN`BY POM R&D 403,404 TO LCTPL / HK REQUEST 06/29/89 VOC'S 6/27/89
M23A	890913 SJ79475	312=B&C,313,314=VALTPL VOC'S 9/15/89
M23A	891204 SJ83227	314=VALTPL,312,408=POMR/D,257=LBTPPL VOC'S 12/5/89
M23A	900305 SJ92363	312,314=POMR/D,301=LBTPPL VOC'S 3/6/90
M23A	900604 SJ97314	204,314=POMR/D,257,301=LB FOOTNOTE: 10 "INTERFERENCE", TEST CODE 717. VOC's 6/5/90

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M23A	900910 SJ01996	408=WN,257,301=LB,204,312,314=POMR/D VOC'S: 9/12/90
M23A	901213 SJ06997	257,301=SJCTPL CR(6+): THE RESULT WILL BE INVESTIGATED FOR POSSIBLE INTERFERENCE. JWPCP, ARSENIC AND SELENIUM VOC's 12/14/90
M23A	910108 SJ10294	257,301=LB POSSIBLE INTERFERENCE IN THE CR(6+) ANALYSIS BCA LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY = <0.03MG/L AND THALLIUM=<0.03MG/L PESTICIDES/PCB'S ANALYZED AT JWPCP(JW80430) VOC'S MONTGOMERY LABS 370 & 371 BY TMA BNA EXT 01-14-90 INJ 01-23-91 TESTS 370: +/- 41; 371: +/- 15
M23A	910328 SJ13831	257,301=LB TOX; BROWN & CALDWELL VOC's 3/29/91
M23A	910709 SJ18672	404=POMR/D TOX & VOA = MONTGOMERY LABS 705, 720 = BROWN & CALDWELL RADIO ACTIVITY ANALYZED BY MONTGOMERY LABS GROSS ALPHA 2SIGMA = 10 GROSS BETA 2SIGMA = 11 BNA EXT 07-16-91 INJ 07-20-91 BNA MATRIX INTERFERENCE CONFIRMED BY DILUTION. TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M23A	911008 SJ23696	VOC's 10/10/91
M23A	920107 SJ30212	ALPHA/2SIGMA = 8.6, BETA/2SIGMA = 6.6

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M23A	920107 SJ30212	BNA EXT 02-07-92 INJ 02-19-92 BLANK 812: 2 UG/L RESET PASS.REPORT RESET VALUE. SAMPLE PASS HOLDING TIME
M23A	920415 SJ35647	VOC's 4/23/92

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M23A WELL	071392 SJ40271	ALPHA/2SIGMA = 17, BETA/2SIGMA = 13  BNA EXT 07-30-92 INJ 08-12-92 BLANK 855: 1 UG/L BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M23A WELL	100592 SJ44902	ML REPORT #3384; TEST 410 (TOX).  VOC's 10/08/92; CH2CL2 BLK: 0.9UG/L
M23A WELL	010493 SJ50092	ML REPORT #4823; VOLATILE ORGANICS. ML REPORT #4824; TEST 410 (TOX). ML REPORT #4822; ALPHA & BETA ALPHA 2 SIGMA +/- 7.3 PCI/L, BETA 2 SIGMA +/- 3.8 PCI/L BNA EXT 02-02-93 INJ 02-11-93 BLANK 812: 3 UG/L BNA RESET PAST HOLDING TIME. RESET DATA REPORTED.
M23A WELL	033093 SJ54682	ML REPORT #6282; TOX  VOC's 03/31/93
M23A WELL	070293 SJ59429	ML REPORT #7888; TEST 410 (TOX), ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 13 PCI/L, BETA 2 SIGMA +/- 7.8 PCI/L. BNA EXT 08-31-93 INJ 09-20-93 BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M23A WELL	070293 SJ59430	ML REPORT #7888; TEST 410 (TOX), ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 13 PCI/L, BETA 2 SIGMA +/- 11 PCI/L. BNA EXT 7-7-93 INJ 7-30-93 BLANK: 812 2UG/L
M23A WELL	100493 SJ63826	ML REPORT #9736; TEST 410 (TOX).  VOCs 10/13/93
M23A WELL	011494 SJ70704	TOX:10% RULE EXCEEDED ML REPORT #11493; ALPHA & BETA. ALPHA 2 SIGMA +/- 13 PCI/L, BETA 2 SIGMA +/- 10 PCI/L. VOCs 01/18/94; CH2CL2 IN BLANK: 2.5UG/L BNA EXT 01-11-94 BNA INJ 02-04-94 BNA MATRIX INTERFERENCE CONFIRMED.
M23A WELL	040194 SJ74415	VOCs 04/06/94
M23A WEFI	072094 SJ79241	HEADER INFORMATION MODIFIED ON 09/19/94

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M23A WELL	072094 SJ79245	ML REPORT #14582; ALPHA & BETA. ALPHA 2 SIGMA +/- 29.8 PCI/L, BETA 2 SIGMA +/- 12.2 PCI/L. VOCs 07/25/94; CONFIRMATION RUN 08/10/94. BNA EXT: 7-25-94 INJ: 8-3-94
M23A WELL	100394 SJ82435	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 22.6 PCI/L; BETA 2 SIGMA +/- 11.9 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/05/94 BNA EXT: 09-29-94 INJ: 10-13-94 BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.BNA FOOTNOTE 35.



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ39797 12/02/87	WELL M24A SJ52339 03/14/88	WELL M24A SJ56337 06/23/88	WELL M24A SJ59225 09/07/88	WELL M24A SJ62744 12/19/88	WELL M24A SJ73041 03/27/89	WELL M24A SJ76021 06/15/89	WELL M24A SJ79476 09/13/89	WELL M24A SJ83228 12/04/89	WELL M24A SJ92364 03/05/90
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT		31.33	30.9	33.6	31.6	31.4	31.0	31.3	31.4	32.0
DEPTH TO BOTTOM	FT		52.33	52.3	52.3	52.3	52.0	52.0	52.0	52.0	52.0
PERCENT METHANE IN GAS	%CH4		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2		21	20	20	21	21	21	21	21	18
FIELD WATER TEMPERATURE	DEG C		22	21	21	25	22	22	24	19	21
FIELD PH	PH		6.01	6.18	6.30	6.55	6.20	6.31	6.20	6.35	6.2
FIELD CONDUCTIVITY	UMHOS/CM		7400	7700	7500	7600	6350	7100	7400	7700	7600
FIELD DISSOLVED O2	MG/L		3.7	3.9	4.1	5.8	7.5	3.3	1.3	3.8	7.0
FIELD DISSOLVED CO2	MG/L		344.4	307.6	308	254	342	344	287	261.4	254.1
FIELD TOTAL ALKALINITY	MG/L		480	482	486	504	528	530	514	542	522
FIELD HYDROGEN SULFIDE	PPM		< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH		6.45	6.51	6.40	6.53	6.58	6.58	6.75	6.52	6.9
CONDUCTIVITY	UMHOS/CM		7300	7000	7350	7350 C	7000	5090	6525 C	5835	7250
SUSPENDED SOLIDS	MG/L		614	676	263	319	600	433	55 C	1300	329
TOTAL DISSOLVED SOLIDS	MG/L		8170	7790	8210	8010	7735 B	7310	7910	7870	7700
TOTAL HARDNESS	MG/L CaCO3						4530	5550	4650	4870	5040
PHENOLS	MG/L C6H5OH						0.002	0.006	0.001	0.036	0.024
BORON	MG/L B						3.15	3.20	1.77	3.18	3.20
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N		2.7	2.7	< 2.9	3.2	2.9	2.18	0.27 B	1.79	0.77
SULFATE	MG/L SO4		4500	180	4412	3649	4120	3270	4340	3620	3960
CHLORIDE	MG/L CL		606	610	625	613 B	635	758	615	611	602
TOTAL PHOSPHATE	MG/L PO4						12.9	38	5.6	22.4	7.2
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3		1780 B	1656	1416	1226	1353	1640 D	1390	1430	1480
MAGNESIUM-HARDNESS	MG/L CaCO3		4316 B	3960	3606	3602	3173	3910 D	3260	3440	3560
SODIUM	MG/L NA		452 B	460	428	470	413	388 D	385	389	417
POTASSIUM	MG/L K		50 B	23.7	21	29	22	24.5 D	2	28	23
IRON	MG/L FE		100 B	48.7	9.27	23.4	15.9	12.7 D	5.48	33.5	8.92
MANGANESE	MG/L MN		4.12 B	2.80	1.92	2.23	1.74	1.76 D	1.75	2.08	1.86
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N						< 0.1	< 0.1	< 0.1 B	< 0.1	< 0.1
SOLUBLE BOD	MG/L O		< 1.0 A	< 1.0 A	< 1.0	3.0	< 1	1	4	1	< 1
TOTAL COD	MG/L O						442	893	1160	527	434

FOOTNOTES : A-AVERAGE F-CALCULATED VALUE B-DUP & SPIKE G-ND = NONE DETECTED C-AVERAGE OF DUPS H-VALUE <MDL, >IDL D-DUPLICATE SPIKE I-AMENDED TEST RESULT E-INTERFERENCE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ39797 12/02/87	WELL M24A SJ52339 03/14/88	WELL M24A SJ56337 06/23/88	WELL M24A SJ59225 09/07/88	WELL M24A SJ62744 12/19/88	WELL M24A SJ73041 03/27/89	WELL M24A SJ76021 06/15/89	WELL M24A SJ79476 09/13/89	WELL M24A SJ83228 12/04/89	WELL M24A SJ92364 03/05/90
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	454	451	415	422	388	681	337	441	417	442
TANNIN & LIGNIN	MG/L					3.1	3.0				
OIL & GREASE	MG/L EXTRAC					< 1	< 1	2.3	< 1.0	4	5.1
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.056 B	0.033	0.011	0.019	0.026	0.022 D	0.017	0.04	0.022	0.009 D
BARIUM	MG/L BA	1.05 B	0.62	0.14	0.24						
CADMIUM	MG/L CD	0.03 B	0.08	0.08	0.12	0.09	0.10 D	0.08	0.11	0.08	0.08 D
TOTAL CHROMIUM	MG/L CR	0.48 B	0.37	0.20	0.29	0.19	0.20 D	0.21	0.38	0.19	0.20 D
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	< 0.04	< 0.02	< 0.02	< 0.10	< 0.10	< 0.02	< 0.02	< 0.04
COPPER	MG/L CU	0.36 B	0.28	0.12	0.18	0.14	0.12 D	0.11	0.27	0.11	0.11 D
LEAD	MG/L PB	0.6 B	0.67	< 0.01	0.57	0.06	< 0.04 D	< 0.04	0.52	< 0.04	0.22 D
MERCURY	MG/L HG	.0005	.0003 B	< .0001	< .0001	.0002	.0002 D	< .0001	.0003	< .0001 D	< .0001
NICKEL	MG/L NI	1.07 B	1.20	1.14	1.32	1.04	1.96 D	0.94	1.10	0.94	0.89 D
SELENIUM	MG/L SE	< 0.12	0.079	0.11	0.068	0.048	0.054 D	0.179	0.19	0.182	0.16 D
SILVER	MG/L AG	0.03 B	0.10	0.016	0.018						
ZINC	MG/L ZN	1.34 B	0.63	0.34	0.44	0.36	0.26 D	0.19	0.52	0.20	0.23 D
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 25	< 1.0	< 2.0	< 1.0	< 2.0	< 2.5	8.8	< 0.5	11	7.1
CHLOROFORM	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	1.0	< 1.0
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
1,1-DICHLOROETHENE	UG/L	2.4	0.2	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
TRICHLOROETHYLENE	UG/L	1.2	1.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	0.7	1.1	< 1.0
TETRACHLOROETHYLENE	UG/L	< 0.5	0.5	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
BROMOFORM	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
CHLOROBENZENE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
VINYL CHLORIDE	UG/L	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
O-DICHLOROBENZENE	UG/L	< 2.5	< 0.5			< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
M-DICHLOROBENZENE	UG/L					< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
P-DICHLOROBENZENE	UG/L					< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
1,1-DICHLOROETHANE	UG/L	< 0.5	0.8	1.5	1.5	1.6	< 2.5	1.5	1.5	2.0	1.5

FOOTNOTES : A-AVERAGE  
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C-AVERAGE OF DUPS  
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D-DUPLICATE SPIKE  
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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M24A SJ39797 12/02/87	M24A SJ52339 03/14/88	M24A SJ56337 06/23/88	M24A SJ59225 09/07/88	M24A SJ62744 12/19/88	M24A SJ73041 03/27/89	M24A SJ76021 06/15/89	M24A SJ79476 09/13/89	M24A SJ83228 12/04/89	M24A SJ92364 03/05/90
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
1,2-DICHLOROETHANE	UG/L	< 2.0	< 0.9	< 1.8	< 1.7	< 1.8	< 2.5	< 1.9	< 1.6	< 2.0	< 1.6
BENZENE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
TOLUENE	UG/L	< 2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
ETHYL BENZENE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
BROMOMETHANE	UG/L	< 5.0	< 1.0	< 5.0	< 10	< 5.0	< 25	< 5.0	E	< 5.0	< 5.0
CHLOROETHANE	UG/L	< 5.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	E	< 5.0	< 5.0
2-CHLOROETHYLVINYLETHER	UG/L	< 5.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 1.0	< 2.0	< 2.0
CHLOROMETHANE	UG/L	< 5.0	< 1.0	< 2.0	< 10	< 2.0	< 25	< 10	< 5.0	< 5.0	< 5.0
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.1	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 0.5	< 1.0	< 1.0
ACETONE	UG/L	< 50	< 1.0	< 25	< 20	< 25	< 50	< 20	< 10	< 20	36
CIS-1,2-DICHLOROETHYLENE	UG/L	2.0	1.4	< 1.0	1.7						
2-BUTANONE	UG/L	< 5.0	< 1.0	< 25	< 20	< 25	< 50	< 20	< 10	< 20	< 10
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
ACENAPHTHYLENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
ANTHRACENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
BENZIDINE	UG/L	< 2.2	< 40	< 1.1	< 1.1						
BENZO(A)ANTHRACENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
BENZO(A)PYRENE	UG/L	< 1.1	< 10	< 0.3	< 0.3						
BENZO(B)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
BENZO(G,H,I)PERYLENE	UG/L	< 2.2	< 10	< 0.4	< 0.4						
BENZO(K)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
BIS(2-CL-ETHOXY)METHANE	UG/L	< 0.1	< 10	< 0.3	< 0.3						
BIS(2-CHLOROETHYL)ETHER	UG/L	< 0.1	< 10	< 0.3	< 0.3						
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 0.6	< 10	< 0.1	< 0.1						
DIETHYLHEXYL PHTHALATE	UG/L	6.6	< 10	5.5	2.0						
4-BROMOPHENYL PHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.2						
BUTYLBENZYL PHTHALATE	UG/L	< 2.2	< 10	< 0.3	< 0.3						
2-CHLORONAPHTHALENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
4-CHLOROPHENYLPHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.2						
CHRYSENE	UG/L	< 0.6	< 10	< 0.2	< 0.2						
DIBENZO(A,H)ANTHRACENE	UG/L	< 5.6	< 10	< 0.9	< 0.9						
1,2-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
1,3-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
1,4-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
3,3'-DICHLOROBENZIDINE	UG/L	< 5.6	< 10	< 0.3	< 0.3						

FOOTNOTES : A-AVERAGE  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ39797	SJ52339	SJ56337	SJ59225	SJ62744	SJ73041	SJ76021	SJ79476	SJ83228	SJ92364
		12/02/87	03/14/88	06/23/88	09/07/88	12/19/88	03/27/89	06/15/89	09/13/89	12/04/89	03/05/90
ACID-BASE NEUTRAL EXTRACT											
DIETHYL PHTHALATE	UG/L	< 0.6	< 10	< 0.1	< 0.1						
DIMETHYL PHTHALATE	UG/L	< 0.2	< 25	< 0.1	< 0.1						
DI-N-BUTYL PHTHALATE	UG/L	< 0.2	< 50	< 0.1	< 0.1						
2,4-DINITROTOLUENE	UG/L	< 1.3	< 10	< 1.2	< 1.2						
2,6-DINITROTOLUENE	UG/L	< 1.1	< 10	< 1.3	< 1.3						
DI-N-OCTYL PHTHALATE	UG/L	< 2.2	< 10	4.2	1.1						
1,2-DIPHENYLHYDRAZINE	UG/L	< 0.2	< 10	< 0.1	< 0.1						
FLUORANTHENE	UG/L	< 0.6	< 10	< 0.1	< 0.1						
FLUORENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
HEXACHLORO BENZENE	UG/L	< 0.6	< 10	< 0.2	< 0.2						
HEXACHLOROBUTADIENE	UG/L	< 0.6	< 10	< 0.2	< 0.2						
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1.1	< 10	< 1.3	< 1.3						
HEXACHLOROETHANE	UG/L	< 0.2	< 10	< 0.7	< 0.7						
INDENO(1,2,3-C,D)PYRENE	UG/L	< 4.4	< 10	< 0.6	< 0.6						
ISOPHORONE	UG/L	2.0	< 10	< 0.2	1.7						
NAPHTHALENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
NITROBENZENE	UG/L	< 0.2	< 10	< 0.7	< 0.7						
N-NITROSODIMETHYLAMINE	UG/L	< 1.1	< 80	< 1.0	< 1						
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2.8	< 40	< 1.0	< 0.4						
PHENANTHRENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
PYRENE	UG/L	< 0.6	< 10	< 0.1	< 0.1						
2,3,7,8-TCDD	UG/L	< 0.1	< 5	< 0.2	< 0.2						
2-CHLOROPHENOL	UG/L	< 0.1	< 10	< 0.3	< 0.3						
1,2,4-TRICHLOROBENZENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
2,4-DICHLOROPHENOL	UG/L	< 0.6	< 10	< 0.4	< 0.4						
2,4-DIMETHYLPHENOL	UG/L	< 0.6	< 10	< 0.6	< 0.6						
2,4-DINITROPHENOL	UG/L	< 8.3	< 25	< 5.6	< 5.6						
2-METHYL-4,6DINITROPHENOL	UG/L	< 2.8	< 50	< 3.6	< 3.6						
2-NITROPHENOL	UG/L	< 2.8	< 10	< 1.0	< 1.0						
4-NITROPHENOL	UG/L	< 1.1	< 25	< 3.1	< 3.1						
4-CHLORO-3-METHYLPHENOL	UG/L	< 0.2	< 10	< 1.1	< 1.1						
PENTACHLOROPHENOL	UG/L	< 0.6	< 10	< 1.1	< 1.1						
PHENOL	UG/L	1.4	< 10	< 0.3	0.8						
2,4,6-TRICHLOROPHENOL	UG/L	< 0.3	< 10	< 0.3	< 0.3						
N-NITROSODIPHENYLAMINE	UG/L	< 0.6	< 10	< 0.1	< 0.1						

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ97315 06/04/90	WELL M24A SJ01997 09/10/90	WELL M24A SJ06998 12/13/90	WELL M24A SJ10808 01/17/91	WELL M24A SJ10811 01/17/91	WELL M24A SJ13952 04/02/91	WELL M24A SJ18937 07/12/91	WELL M24A SJ23779 10/09/91	WELL M24A SJ30894 01/21/92	WELL M24A SJ35648 04/15/92
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	31.3	31.5	31.6	31.5		31.2	32.2	31.3	31.5	31.0
DEPTH TO BOTTOM	FT	52.0	52.0	52.0	52.0		52.0	52.0	52.0	52.0	52.0
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	19	19	19		20	19	17	19	18
FIELD WATER TEMPERATURE	DEG C	24	23	20	22		22	24	24	21	21
FIELD PH	PH	6.20	6.50	6.25	6.20		6.50	6.25	6.35	6.25	6.30
FIELD CONDUCTIVITY	UMHOS/CM	7300	7250	6800	7600		7700	6200	7600	6550	6870
FIELD DISSOLVED O2	MG/L	4.2	3.0	4.1	3.9		1.3	1.60	3.6	2.6	1.90
FIELD DISSOLVED CO2	MG/L	204.3	209.0	177.8	234.1		332.1	283.4	193.6	290.4	294.6
FIELD TOTAL ALKALINITY	MG/L	568	558	582	550		542	538	538	542	536
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	6.65	6.94 C	6.88	6.98	6.90 I	7.41	7.01	6.70 C	6.69	6.99
CONDUCTIVITY	UMHOS/CM	7250	7250	7250	7500	7500	7300	7500	7300	7050	7340
SUSPENDED SOLIDS	MG/L	434 C	268	213							
TOTAL DISSOLVED SOLIDS	MG/L	7920	7790	3810	7631	7698	7798	8030	7760 B	7880	7750
TOTAL HARDNESS	MG/L CaCO3	4710 F	4550 F	4380							
PHENOLS	MG/L C6H5OH	<0.001	0.002	<0.001							
BORON	MG/L B	3.48	3.22	3.62							
GROSS ALPHA RADIOACTIVITY	PCI/L				81	63		47		110	
GROSS BETA RADIOACTIVITY	PCI/L				37	25		43		47	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	2.87 C	1.61 B	2.08	1.22	0.68	1.44	1.34	2.01	1.07 D	0.53
SULFATE	MG/L SO4	7770	4010	5330	3670	3820	3870	4180	4040	4120	3960
CHLORIDE	MG/L CL	670	680	885	631	644	610	589	605	606	590
TOTAL ALKALINITY	MG/L CaCO3				571	558 B	544 B	542	549	552	523
BICARBONATE ALKALINITY	MG/L CaCO3				571	558	544	542	549	552	523
TOTAL PHOSPHATE	MG/L PO4	8.6	3.9	4.1							
TOTAL SULFIDE	MG/L S				< 0.1	< 0.1 C	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	1400	1350 D	1400 D	82.7	1250 D	1440	1280	1330	537	1400
MAGNESIUM-HARDNESS	MG/L CaCO3	3310	3200 D	2980 D	2980	2960 D	3360	3400	3020	3240	3210
SODIUM	MG/L NA	405	414 D	390 D	398	393 D	384	424	403	416	403
POTASSIUM	MG/L K	22	24 D	22 D	20	20 D	21	20	21	20	21
IRON	MG/L FE	11.4	7.26 D	4.48 D	1.35	1.33 D		1.31		1.51	
MANGANESE	MG/L MN	1.94	1.83 D	2.01 D	1.95	1.98 D		2.24		2.09	

FOOTNOTES : A-AVERAGE F-CALCULATED VALUE B-DUP & SPIKE G-ND = NONE DETECTED C-AVERAGE OF DUPS H-VALUE <MDL, >IDL D-DUPLICATE SPIKE I-AMENDED TEST RESULT E-INTERFERENCE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ97315 06/04/90	WELL M24A SJ01997 09/10/90	WELL M24A SJ06998 12/13/90	WELL M24A SJ10808 01/17/91	WELL M24A SJ10811 01/17/91	WELL M24A SJ13952 04/02/91	WELL M24A SJ18937 07/12/91	WELL M24A SJ23779 10/09/91	WELL M24A SJ30894 01/21/92	WELL M24A SJ35648 04/15/92
<b>ORGANIC MATTER</b>											
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.1	< 0.1	<0.001	<0.001	0.2	< 0.1	0.1 D	< 0.1	< 0.01
TOTAL KJELDAHL NITROGEN	MG/L N				8.0	7.1	7.4	7.5	6.0	8.0	9.03
SOLUBLE BOD	MG/L O	< 1	1	< 1	1	1 C	1	2	< 1	1	6
TOTAL COD	MG/L O	450	452	446							
SOLUBLE COD	MG/L O	439	443	439	425	417	463	464	497	484	486
TOTAL ORGANIC CARBON	MG/L C				170	170	163 D	170	180	170	180
OIL & GREASE	MG/L EXTRAC	< 1	< 1	< 1	< 1	< 1	< 1	10.5	< 1	< 1	1.0
TOTAL ORGANIC HALOGEN(TOX)	UG/L				530	440	470	540	580	550	380
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0							
<b>METALS</b>											
ARSENIC	MG/L AS	0.015	0.012 D	0.011	.0053	.0054	.0047	.0011	.0056	.0052	.0060
BARIUM	MG/L BA				0.04	0.04 D	0.04	0.03	0.11	0.02	0.04
CADMIUM	MG/L CD	0.07	0.07 D	0.09 D	0.08	0.08 D	0.09	0.01	0.01	0.01	0.02
TOTAL CHROMIUM	MG/L CR	0.19	0.17 D	0.18 D	0.14	0.13 D	0.14	< 0.02	0.04	< 0.02	0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.1	< 0.04	< 0.02	< 0.02	< 0.02 D		< 0.04 D		< 0.04	
COPPER	MG/L CU	0.11	0.11 D	0.11 D	0.09	0.10 D				0.08	
LEAD	MG/L PB	0.04	< 0.04 D	0.06 D	< 0.04	< 0.04 D	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001 D	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.92	0.84 D	0.95 D	0.91	0.96 D		0.76		0.68	
SELENIUM	MG/L SE	0.375	0.204 D	0.175	0.13	0.13	0.158	0.12	0.12	0.053	0.15
SILVER	MG/L AG				0.016	0.016 D	0.014	0.01	0.01	0.014	0.011
ZINC	MG/L ZN	0.23	0.18 D	0.21 D	0.18	0.20 D		0.26		0.19	
<b>PESTICIDES</b>											
PP'-DDE	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
PP'-DDD	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
PP'-DDT	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
ALPHA-BHC	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
HEPTACHLOR	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	
ALDRIN	UG/L				< 0.01	< 0.01		< 0.01		< 0.01	

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

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<b>PESTICIDES</b>											
DIELDRIN	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
ENDRIN	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
TOXAPHENE	UG/L			< 1	< 1			< 1.0		< 5	
AROCLOR 1242	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
AROCLOR 1254	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
BETA-BHC	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
DELTA-BHC	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
CIS-CHLORDANE	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
OXYCHLORDANE	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L				G	G		G		G	
ENDOSULFAN I	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
ENDOSULFAN II	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L			< 0.01	< 0.01			< 0.01		< 0.01	
ENDRIN ALDEHYDE	UG/L			< 0.2	< 0.2			< 0.2		< 0.01	
AROCLOR 1016	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
AROCLOR 1221	UG/L			< 0.5	< 0.5			< 0.5		< 0.1	
AROCLOR 1232	UG/L			< 0.5	< 0.5			< 0.5		< 0.1	
AROCLOR 1248	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
AROCLOR 1260	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L			< 0.1	< 0.1			< 0.1		< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	1.7	< 0.5	< 1.0	< 5.0	< 5.0	< 2.0	< 3.0	< 2.0	< 3.0	< 10
CHLOROFORM	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
1,1,1-TRICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
CARBON TETRACHLORIDE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
1,1-DICHLOROETHENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
TRICHLOROETHYLENE	UG/L	< 1.0	0.7	0.6	0.7	0.8	< 0.5	0.5	< 0.5	< 0.50	< 1.5
TETRACHLOROETHYLENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
BROMODICHLOROMETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
DIBROMOCHLOROMETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
BROMOFORM	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
CHLOROBENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
VINYL CHLORIDE	UG/L	< 1.0	< 0.5	1.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5
O-DICHLOROBENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
M-DICHLOROBENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
P-DICHLOROBENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
1,1-DICHLOROETHANE	UG/L	< 1.0	1.7	1.4	1.5	1.8	0.8	1.2	1.1	< 0.50	< 1.5
1,1,2-TRICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
1,2-DICHLOROETHANE	UG/L	1.2	< 1.8	1.4	1.4	1.6	0.9	1.1	1.3	< 0.50	< 1.5

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<b>VOLATILE ORGANIC COMPOUND</b>											
BENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
TOLUENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
ETHYL BENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
O-XYLENE	UG/L				< 0.50	< 0.50		< 0.50 I		< 0.50	
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 1.5
BROMOMETHANE	UG/L	< 5.0	< 2.5	< 2.5	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 1.0	< 15
CHLOROETHANE	UG/L	< 5.0	< 2.5	< 2.5	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 1.0	< 15
2-CHLOROETHYLVINYLETHER	UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 1.0	< 5.0
CHLOROMETHANE	UG/L	< 5.0	< 2.5	< 2.5	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 1.0	< 15
1,2-DICHLOROPROPANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 0.5	< 0.50	< 0.5	< 0.50	< 2.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.50	< 0.50	< 1.0	< 0.50	< 1.0	< 0.50	< 2.5
ACROLEIN	UG/L				< 1.0	< 1.0		< 1.0		< 1.0	
ACRYLONITRILE	UG/L				< 1.0	< 1.0		< 1.0		< 1.0	
FREON 11 (CCL3F)	UG/L							< 1.0		< 1.0	
ACETONE	UG/L	< 20	< 10	< 10				< 10 I		< 10.0	
CIS-1,2-DICHLOROETHYLENE	UG/L							0.9		< 0.50	
TETRAHYDROFURAN	UG/L							< 10 I		< 10.0	
2-BUTANONE	UG/L	< 20	< 10	< 10				< 1.0 I		< 1.0	
4-METHYL-2-PENTANONE	UG/L							< 1.0 I		< 1.0	
STYRENE	UG/L							< 0.50 I		< 0.50	
M+P-XYLENE	UG/L				< 0.50	< 0.50		< 0.50 I		< 0.50	
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L				< 2	< 2		< 2		< 2	
ACENAPHTHYLENE	UG/L				< 2	< 2		< 2		< 2	
ANTHRACENE	UG/L				< 1	< 1		< 1		< 1	
BENZIDINE	UG/L				< 62	< 62		< 62		< 62	
BENZO(A)ANTHRACENE	UG/L				< 2	< 2		< 2		< 2	
BENZO(A)PYRENE	UG/L				< 7	< 7		< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L				< 2	< 2		< 2		< 2	
BENZO(G.H.I.)PERYLENE	UG/L				< 6	< 6		< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L				< 2	< 2		< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L				< 3	< 3		< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L				< 5	< 5		< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L				< 3	< 3		< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L				6 H	< 10		1 H		1 H	
4-BROMOPHENYL PHENYLETHER	UG/L				< 9	< 9		< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L				< 3	< 3		< 3		< 3	
2-CHLORONAPHTHALENE	UG/L				< 1	< 1		< 1		< 1	
4-CHLOROPHENYLPHENYLETHER	UG/L				< 2	< 2		< 2		< 2	

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<b>ACID-BASE NEUTRAL EXTRACT</b>										
CHRYSENE	UG/L			< 2	< 2		< 2		< 2	
DIBENZO(A,H)ANTHRACENE	UG/L			< 6	< 6		< 6		< 6	
1,2-DICHLOROBENZENE	UG/L			< 10	< 10		< 10		< 10	
1,3-DICHLOROBENZENE	UG/L			< 10	< 10		< 10		< 10	
1,4-DICHLOROBENZENE	UG/L			< 2	< 2		< 2		< 2	
3,3'-DICHLOROBENZIDINE	UG/L			< 100	< 100		< 100		< 100	
DIETHYL PHTHALATE	UG/L			< 2	< 2		< 2		< 2	
DIMETHYL PHTHALATE	UG/L			< 3	< 3		< 3		< 3	
DI-N-BUTYL PHTHALATE	UG/L			< 4	< 4		< 4		< 4	
2,4-DINITROTOLUENE	UG/L			< 3	< 3		< 3		< 3	
2,6-DINITROTOLUENE	UG/L			< 5	< 5		< 5		< 5	
DI-N-OCTYL PHTHALATE	UG/L			< 5	< 5		< 5		< 5	
1,2-DIPHENYLHYDRAZINE	UG/L			< 1	< 1		< 1		< 1	
FLUORANTHENE	UG/L			< 2	< 2		< 2		< 2	
FLUORENE	UG/L			< 2	< 2		< 2		< 2	
HEXACHLOROBENZENE	UG/L			< 1	< 1		< 1		< 1	
HEXACHLOROBUTADIENE	UG/L			< 10	< 10		< 10		< 10	
HEXACHLOROCYCLOPENTADIENE	UG/L			< 100	< 100		< 100		< 100	
HEXACHLOROETHANE	UG/L			< 12	< 12		< 12		< 12	
INDENO(1,2,3-C,D)PYRENE	UG/L			< 6	< 6		< 6		< 6	
ISOPHORONE	UG/L			1 H	1 H		< 3		1 H	
NAPHTHALENE	UG/L			< 2	< 2		< 2		< 2	
NITROBENZENE	UG/L			< 2	< 2		< 2		< 2	
N-NITROSODIMETHYLAMINE	UG/L			< 30	< 30		< 30		< 30	
N-NITROSODI-N-PROPYLAMINE	UG/L			< 2	< 2		< 2		< 2	
PHENANTHRENE	UG/L			< 1	< 1		< 1		< 1	
PYRENE	UG/L			< 2	< 2		< 2		< 2	
2,3,7,8-TCDD	UG/L			< 3	< 3		< 3		< 3	
2-CHLOROPHENOL	UG/L			< 8	< 8		< 8		< 8	
1,2,4-TRICHLOROBENZENE	UG/L			< 3	< 3		< 3		< 3	
2,4-DICHLOROPHENOL	UG/L			< 3	< 3		< 3		< 3	
2,4-DIMETHYLPHENOL	UG/L			< 3	< 3		< 3		< 3	
2,4-DINITROPHENOL	UG/L			< 39	< 39		< 39		< 39	
2-METHYL-4,6DINITROPHENOL	UG/L			< 17	< 17		< 17		< 17	
2-NITROPHENOL	UG/L			< 5	< 5		< 5		< 5	
4-NITROPHENOL	UG/L			< 6	< 6		< 6		< 6	
4-CHLORO-3-METHYLPHENOL	UG/L			< 2	< 2		< 2		< 2	
PENTACHLOROPHENOL	UG/L			< 16	< 16		< 16		< 16	
PHENOL	UG/L			< 3	1 H		< 3		< 3	
2,4,6-TRICHLOROPHENOL	UG/L			< 2	< 2		< 2		< 2	
N-NITROSODIPHENYLAMINE	UG/L			< 2	< 2		< 2		< 2	

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F-CALCULATED VALUE

B-DUP & SPIKE  
G-ND = NONE DETECTED

C-AVERAGE OF DUPS  
H-VALUE <MDL, >IDL

D-DUPLICATE SPIKE  
I-AMENDED TEST RESULT

E-INTERFERENCE

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ40272 07/13/92	WELL M24A SJ45021 10/07/92	WELL M24A SJ45024 10/07/92	WEFI M24A SJ50089 01/04/93	WELL M24A SJ50093 01/04/93	WEFI M24A SJ54679 03/30/93	WELL M24A SJ54683 03/30/93	WEFI M24A SJ59572 07/07/93	WEFI M24A SJ59573 07/07/93	WELL M24A SJ59577 07/07/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	30.8	30.6			30.9		30.5			30.4
DEPTH TO BOTTOM	FT	52.0	52.0			52.0		52.0			52.0
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1			< 0.1		< 0.1			< 0.1
PERCENT OXYGEN IN GAS	%O2	19	21			20		20			21
FIELD WATER TEMPERATURE	DEG C	25	24			20		22			22
FIELD PH	PH	6.0	6.4			6.52		5.81			6.34
FIELD CONDUCTIVITY	UMHOS/CM	6800	8000			9000		7892			7100
FIELD DISSOLVED O2	MG/L	1.8	1.4			1.10		1.7			1.5
FIELD DISSOLVED CO2	MG/L	327.4	249.1			242.4		177.2			180.6
FIELD TOTAL ALKALINITY	MG/L	464	466			490		468			474
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1			< 0.1		< 0.1			< 0.1
<b>GENERAL</b>											
PH	PH	6.46	6.91	6.90 D		6.86		7.09			6.96
CONDUCTIVITY	UMHOS/CM	7590	7730	7675 D		7710		8050			8290
SUSPENDED SOLIDS	MG/L					17		16			10
TOTAL DISSOLVED SOLIDS	MG/L	8499	8774	8741		8290		9150 F			9307
GROSS ALPHA RADIOACTIVITY	PCI/L	35				55					41
GROSS BETA RADIOACTIVITY	PCI/L	46				28					35
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	8.32	7.04	8.13		7.46		16.2 F			16.6
SULFATE	MG/L SO4	4400	4620	4420	4540	4140	4640	4780	4440	4540	4720
CHLORIDE	MG/L CL	598	589	586	605	615	608	608	616	630	618 F
TOTAL ALKALINITY	MG/L CAC03	481	471	471		486		459			460 F
BICARBONATE ALKALINITY	MG/L CAC03	481	471	471		486		459			460 F
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1	< 0.1		< 0.1		< 0.1			< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	1500	1540	1540	1480	1580	71.7	1420 C	194	1560	1580
MAGNESIUM-HARDNESS	MG/L CAC03	3770	3960	4000	3820	3980	202	4080 C	531	4280	4240
SODIUM	MG/L NA	428	439	437	426	442	20.9	416 C	53.7	415	426
POTASSIUM	MG/L K	22	24	22	22.2	21.8	20.6	20.5 C	19.4	20.8	20.9
IRON	MG/L FE	4.82			0.73	1.02			0.88	0.94	1.08
MANGANESE	MG/L MN	1.91			1.93	2.04			2.24	2.30	2.29
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.01	< 0.01		< 0.1		< 0.1			< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	8.7	9.52	9.45		9.5		9.4			9.2

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-DUPLICATE SPIKE D-AVERAGE OF DUPS E-BLANK CONTAMINANT  
 F-DUP & SPIKE G-CALCULATED VALUE = H-CALCULATED VALUE I-CHECK NOTES TO USER

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ40272	SJ45021	SJ45024	SJ50089	SJ50093	SJ54679	SJ54683	SJ59572	SJ59573	SJ59577
		07/13/92	10/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	07/07/93
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	< 1	< 1	1		2		< 1			< 1
SOLUBLE COD	MG/L O	524	1040	476		473 F		490			485
TOTAL ORGANIC CARBON	MG/L C	180	200	190		180		190 C			190
OIL & GREASE	MG/L EXTRAC	< 1	< 1 C	< 1		< 1		< 1			< 1
TOTAL ORGANIC HALOGEN(TOX)	UG/L	400	360	360		360		400			360
<b>METALS</b>											
ARSENIC	MG/L AS	0.015	.0018	.0019	0.010	0.011	0.007	0.008	0.009	0.008	0.010
BARIUM	MG/L BA	0.06	0.13	0.13	0.01	0.02	0.02	0.03 C	0.02	0.02	0.02
CADMIUM	MG/L CD	0.02	0.02	0.02	0.01	0.01	0.01	0.02 C	0.01	0.02	0.02
TOTAL CHROMIUM	MG/L CR	0.03	0.04	0.04	< 0.02	< 0.02	< 0.02	0.02 C	0.02	0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.04				< 0.02 C					< 0.04
COPPER	MG/L CU	0.10			0.08	0.09			0.08	0.09	0.08
LEAD	MG/L PB	0.04	0.18	0.19	< 0.04	< 0.04	< 0.04	< 0.04 C	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001 C	<.0001	<.0001 C	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.67			0.72	0.72			0.82	0.86	0.78
SELENIUM	MG/L SE	0.098	0.17	0.16	0.283	0.260	0.248	0.242	0.307	0.306	0.315
SILVER	MG/L AG	0.015	0.02	0.023	0.014	0.015	0.015	0.016 C	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.34			0.21	0.35			0.23	0.24	0.26
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	< 0.01				< 0.01					0.04
PP'-DDD	UG/L	< 0.01				< 0.01					0.05
PP'-DDT	UG/L	< 0.01				< 0.01					0.22
ALPHA-BHC	UG/L	< 0.01				< 0.01					< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01				< 0.01					< 0.01
HEPTACHLOR	UG/L	< 0.01				< 0.01					< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01				< 0.01					< 0.01
ALDRIN	UG/L	< 0.01				< 0.01					< 0.01
DIELDRIN	UG/L	< 0.01				< 0.01					< 0.01
ENDRIN	UG/L	< 0.01				< 0.01					< 0.01
TOXAPHENE	UG/L	< 5				< 5					< 5
AROCLOR 1242	UG/L	< 0.1				< 0.1					< 0.1
AROCLOR 1254	UG/L	< 0.1				< 0.1					< 0.1
BETA-BHC	UG/L	< 0.01				< 0.01					< 0.01
DELTA-BHC	UG/L	< 0.01				< 0.01					< 0.01
CIS-CHLORDANE	UG/L	< 0.01				< 0.01					0.02
TRANS-CHLORDANE	UG/L	< 0.01				< 0.01					0.02
TRANS-NONACHLOR	UG/L	< 0.01				< 0.01					0.01
OXYCHLORDANE	UG/L	< 0.01				< 0.01					< 0.01
TOTAL DETECTED CHLORDANES	UG/L				A						0.05

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ40272 07/13/92	WELL M24A SJ45021 10/07/92	WELL M24A SJ45024 10/07/92	WEFI M24A SJ50089 01/04/93	WELL M24A SJ50093 01/04/93	WEFI M24A SJ54679 03/30/93	WELL M24A SJ54683 03/30/93	WEFI M24A SJ59572 07/07/93	WEFI M24A SJ59573 07/07/93	WELL M24A SJ59577 07/07/93
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PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01				< 0.01					< 0.01
ENDOSULFAN II	UG/L	< 0.01				< 0.01					< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.01				< 0.01					< 0.01
ENDRIN ALDEHYDE	UG/L	< 0.01				< 0.01					< 0.01
AROCLOR 1016	UG/L	< 0.1				< 0.1					< 0.1
AROCLOR 1221	UG/L	< 0.1				< 0.1					< 0.1
AROCLOR 1232	UG/L	< 0.1				< 0.1					< 0.1
AROCLOR 1248	UG/L	< 0.1				< 0.1					< 0.1
AROCLOR 1260	UG/L	< 0.1				< 0.1					< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.1				< 0.1					0.2

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 3	< 5.0	16 E		< 3		< 2.0			< 3
CHLOROFORM	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
BROMOFORM	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
VINYL CHLORIDE	UG/L	< 1	< 1.0	< 2.5		< 1		< 1.0			< 1
O-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
M-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
P-DICHLOROENZENE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
1,1-DICHLOROETHANE	UG/L	1.9	1.3	< 1.5		< 0.5		0.7			1.0
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
1,2-DICHLOROETHANE	UG/L	1.2	1.0	< 1.5		< 0.5		0.6			0.7
BENZENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
VINYL ACETATE	UG/L	< 10				< 10					< 10
O-XYLENE	UG/L	< 0.5				< 0.5					< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 1.5		< 0.5		< 0.5			< 0.5
BROMOMETHANE	UG/L	< 1	< 5.0	< 15		< 1		< 5.0			< 1
CHLOROETHANE	UG/L	< 1	< 5.0	< 15		< 1		< 5.0			< 1
2-CHLOROETHYL VINYL ETHER	UG/L	< 1	< 2.0	< 5.0		< 1		< 2.0			< 1
CHLOROMETHANE	UG/L	< 1	< 5.0	< 15		< 1		< 5.0			< 1
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0	< 2.5		< 0.5		< 1.0			< 0.5

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WEFI	WELL
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ40272	SJ45021	SJ45024	SJ50089	SJ50093	SJ54679	SJ54683	SJ59572	SJ59573	SJ59577
		07/13/92	10/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	07/07/93

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0	< 2.5	< 0.5	< 1.0	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 1.0	< 2.5	< 0.5	< 1.0	< 0.5
ACROLEIN	UG/L	< 1	< 1	< 1	< 1	< 200	< 1
ACRYLONITRILE	UG/L	< 1	< 1	< 1	< 1	< 50	< 1
FREON 11 (CCL3F)	UG/L	< 1	< 1	< 1	< 1	< 1	< 10
ACETONE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHYLENE	UG/L	0.8	< 0.5	< 0.5	< 0.5	0.5	< 10
TETRAHYDROFURAN	UG/L	< 10	< 10	< 10	< 10	< 10	< 10
2-BUTANONE	UG/L	< 10	< 10	< 10	< 10	< 10	< 1
4-METHYL-2-PENTANONE	UG/L	< 1	< 1	< 1	< 1	< 1	< 0.5
STYRENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M+P-XYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
ANTHRACENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1
BENZIDINE	UG/L	< 62	< 62	< 62	< 62	< 62	< 62
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(G,H,I)PERYLENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 4 B	< 10	< 10	< 10	< 10
4-BROMOPHENYL PHENYLEETHER	UG/L	< 9	< 9	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
CHRYSENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 6
1,2-DICHLOROENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10
1,3-DICHLOROENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10
1,4-DICHLOROENZENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
3,3'-DICHLOROENZIDINE	UG/L	< 100	< 100	< 100	< 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5	< 5	< 5

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PALOS VERDES LANDFILL

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		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ40272	SJ45021	SJ45024	SJ50089	SJ50093	SJ54679	SJ54683	SJ59572	SJ59573	SJ59577
		07/13/92	10/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	07/07/93
<b>ACID-BASE NEUTRAL EXTRACTABLE</b>											
DI-N-OCTYL PHTHALATE	UG/L	<	5			<	5			<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1			<	1			<	1
FLUORANTHENE	UG/L	<	2			<	2			<	2
FLUORENE	UG/L	<	2			<	2			<	2
HEXACHLOROBENZENE	UG/L	<	1			<	1			<	1
HEXACHLOROBUTADIENE	UG/L	<	10			<	10			<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100			<	100			<	100
HEXACHLOROETHANE	UG/L	<	12			<	12			<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6			<	6			<	6
ISOPHORONE	UG/L			1 B		<	3			<	3
NAPHTHALENE	UG/L	<	2			<	2			<	2
NITROBENZENE	UG/L	<	2			<	2			<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30			<	30			<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2			<	2			<	2
PHENANTHRENE	UG/L	<	1			<	1			<	1
PYRENE	UG/L	<	2			<	2			<	2
2,3,7,8-TCDD	UG/L	<	3			<	3			<	3
2-CHLOROPHENOL	UG/L	<	8			<	8			<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3			<	3			<	3
2,4-DICHLOROPHENOL	UG/L	<	3			<	3			<	3
2,4-DIMETHYLPHENOL	UG/L	<	3			<	3			<	3
2,4-DINITROPHENOL	UG/L	<	39			<	39			<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17			<	17			<	17
2-NITROPHENOL	UG/L	<	5			<	5			<	5
4-NITROPHENOL	UG/L	<	6			<	6			<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2			<	2			<	2
PENTACHLOROPHENOL	UG/L	<	16			<	16			<	16
PHENOL	UG/L			1 B		<	3			<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2			<	2			<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2			<	2			<	2

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I-CHECK NOTES TO USER

E-BLANK CONTAMINANT

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ59578	SJ63822	SJ63827	SJ70700	SJ70701	SJ70705	SJ70706	SJ74413	SJ74416	SJ79242
		07/07/93	10/04/93	10/04/93	01/14/94	01/14/94	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94
FIELD PARAMETERS											
DEPTH TO WATER	FT			30.5			30.5			30.5	
DEPTH TO BOTTOM	FT			52			52.0			52.0	
PERCENT METHANE IN GAS	%CH4			< 0.1			< 0.1			< 0.1	
PERCENT OXYGEN IN GAS	%O2			20			21			18	
FIELD WATER TEMPERATURE	DEG C			20			22			21	
FIELD PH	PH			6.03			6.20			6.06	
FIELD CONDUCTIVITY	UMHOS/CM			7080			6800			6140	
FIELD DISSOLVED O2	MG/L			1.95			3.25			2.35	
FIELD DISSOLVED CO2	MG/L			274.2			145.5			245.8	
FIELD TOTAL ALKALINITY	MG/L			392			478			480	
FIELD HYDROGEN SULFIDE	PPM			< 0.1			< 0.1			< 0.1	
GENERAL											
PH	PH	6.96		6.57			7.05	6.97		6.74	
CONDUCTIVITY	UMHOS/CM	8290		8440			8360	8340		8460	
SUSPENDED SOLIDS	MG/L	15		43			< 1	< 1		28	
TOTAL DISSOLVED SOLIDS	MG/L	9342		9267			8910	9000 F		9595	
GROSS ALPHA RADIOACTIVITY	PCI/L	53					59	88			
GROSS BETA RADIOACTIVITY	PCI/L	36					48	54			
ANIONS											
NITRATE NITROGEN	MG/L N	15.7		16.7 C			13.0	12.2		19.7	
SULFATE	MG/L SO4	4900	4600	4860	4720	4540	4780	4960		5000	
CHLORIDE	MG/L CL	620	635	640	640	647	650	650		663	
TOTAL ALKALINITY	MG/L CAC03	465		459			490 F	472		486	
BICARBONATE ALKALINITY	MG/L CAC03	465		459			490	472		486	
TOTAL SULFIDE	MG/L S	< 0.1		< 0.1			< 0.1	< 0.1		< 0.1	
CATIONS											
CALCIUM-HARDNESS	MG/L CAC03	1620 C	1490	1460	1430	1430	1430	1510 C	1500	1500	702
MAGNESIUM-HARDNESS	MG/L CAC03	4320 C	4120	4120	4060	4120	4080	4090 C	4360	4200	3900
SODIUM	MG/L NA	439 C	449	455	450	450	454	447 C	484	471	436
POTASSIUM	MG/L K	20.7 C	22.4	22.4	23.1	23.3	23.5	23.1 C	24.3	24.2	21.9
IRON	MG/L FE	1.24 C			1.30	1.37	1.77	0.45 C			0.90
MANGANESE	MG/L MN	2.32 C			2.18	2.15	2.01	2.28 C			2.40
ORGANIC MATTER											
AMMONIA NITROGEN	MG/L N	< 0.1		0.1 C			< 0.07	< 0.07		< 0.1	
TOTAL KJELDAHL NITROGEN	MG/L N	9.4		9.8 H			9.1	9.4		9.0	

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-DUPLICATE SPIKE D-AVERAGE OF DUPS E-BLANK CONTAMINANT  
 F-DUP & SPIKE G-CALCULATED VALUE = H-CALCULATED VALUE I-CHECK NOTES TO USER

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ59578	SJ63822	SJ63827	SJ70700	SJ70701	SJ70705	SJ70706	SJ74413	SJ74416	SJ79242
		07/07/93	10/04/93	10/04/93	01/14/94	01/14/94	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94

ORGANIC MATTER

SOLUBLE BOD	MG/L O	<	1	<	1	<	0.7	<	0.7	<	0.7
SOLUBLE COD	MG/L O		487		482		491		489		503
TOTAL ORGANIC CARBON	MG/L C		190		190 C		200		220		180 C
OIL & GREASE	MG/L EXTRAC	<	1	<	1		3.2	<	0.9		1.0
TOTAL ORGANIC HALOGEN(TOX	UG/L		320		310		700 I		530 I		500

METALS

ARSENIC	MG/L AS		0.008		0.007		0.009		0.009		0.009		0.013		0.010		0.010		0.010		0.010		0.010
BARIUM	MG/L BA		0.02 C		0.04		0.06		0.03		0.03		0.04		0.02 C		0.03		0.04		0.04		0.04
CADMIUM	MG/L CD		0.02 C		0.01		0.01		0.020		0.019		0.021		0.022 C		0.022		0.024		0.024		0.022
TOTAL CHROMIUM	MG/L CR		0.02 C	<	0.02		0.02		0.02		0.02		0.02	<	0.02 C	<	0.01		0.01		0.01		0.01
HEXAVALENT CHROMIUM	MG/L CR		<	0.04									0.006		0.003								
COPPER	MG/L CU		0.13 C				0.09		0.09		0.08		0.08 C										0.09
LEAD	MG/L PB	<	0.04 C	<	0.04		0.07	<	0.04	<	0.04	<	0.04	<	0.04 C	<	0.02	<	0.02	<	0.02	<	0.02
MERCURY	MG/L HG	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001	<	.0001
NICKEL	MG/L NI		0.8 C				0.84		0.85		0.76		0.81 C										0.88
SELENIUM	MG/L SE		0.319		0.431		0.35		0.347		0.338		0.371		0.371		0.344		0.389		0.389		0.309
SILVER	MG/L AG	<	0.005 C	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005 C	<	0.01	<	0.01	<	0.01	<	0.01
ZINC	MG/L ZN		0.34 C				0.24		0.23		0.23		0.28 C										0.25

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

PP'-DDE	UG/L	<	0.01							<	0.01	<	0.01
PP'-DDD	UG/L	<	0.01							<	0.01	<	0.01
PP'-DDT	UG/L	<	0.01							<	0.01	<	0.01
ALPHA-BHC	UG/L	<	0.01							<	0.01	<	0.01
LINDANE (GAMMA-BHC)	UG/L	<	0.01							<	0.01	<	0.01
HEPTACHLOR	UG/L	<	0.01							<	0.01	<	0.01
HEPTACHLOR EPOXIDE	UG/L	<	0.01							<	0.01	<	0.01
ALDRIN	UG/L	<	0.01							<	0.01	<	0.01
DIELDRIN	UG/L	<	0.01							<	0.01	<	0.01
ENDRIN	UG/L	<	0.01							<	0.01	<	0.01
TOXAPHENE	UG/L	<	5							<	0.5	<	0.5
AROCLOR 1242	UG/L	<	0.1							<	0.1	<	0.1
AROCLOR 1254	UG/L	<	0.1							<	0.05	<	0.05
BETA-BHC	UG/L	<	0.01							<	0.01	<	0.01
DELTA-BHC	UG/L	<	0.01							<	0.01	<	0.01
CIS-CHLORDANE	UG/L	<	0.01							<	0.01	<	0.01
TRANS-CHLORDANE	UG/L	<	0.01							<	0.01	<	0.01
TRANS-NONACHLOR	UG/L	<	0.01							<	0.01	<	0.01
OXYCHLORDANE	UG/L	<	0.01							<	0.01	<	0.01
TOTAL DETECTED CHLORDANES	UG/L												

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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PALOS VERDES LANDFILL

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		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ59578	SJ63822	SJ63827	SJ70700	SJ70701	SJ70705	SJ70706	SJ74413	SJ74416	SJ79242
		07/07/93	10/04/93	10/04/93	01/14/94	01/14/94	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01				< 0.01	< 0.01
ENDOSULFAN II	UG/L	< 0.01				< 0.01	< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.01				< 0.1	< 0.1
ENDRIN ALDEHYDE	UG/L	< 0.01				< 0.01	< 0.01
AROCLOR 1016	UG/L	< 0.1				< 0.1	< 0.1
AROCLOR 1221	UG/L	< 0.1				< 0.1	< 0.1
AROCLOR 1232	UG/L	< 0.1				< 0.1	< 0.1
AROCLOR 1248	UG/L	< 0.1				< 0.1	< 0.1
AROCLOR 1260	UG/L	< 0.1				< 0.1	< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.1				< 0.05	< 0.05

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 3	< 2.0			2.3 I	2.4 I		2.5
CHLOROFORM	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
BROMOFORM	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
CHLORO BENZENE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
VINYL CHLORIDE	UG/L	< 1	< 1.0			< 1.0	< 1.0		< 1.0
O-DICHLOROBENZENE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
M-DICHLOROBENZENE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
P-DICHLOROBENZENE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
1,1-DICHLOROETHANE	UG/L	1.0	< 0.5			0.7	0.6		0.9
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
1,2-DICHLOROETHANE	UG/L	0.7	< 0.5			0.6	< 0.5		0.6
BENZENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
TOLUENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
VINYL ACETATE	UG/L	< 10							
O-XYLENE	UG/L	< 0.5				< 1.0	< 1.0		< 1.0
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5		< 0.5
BROMOMETHANE	UG/L	< 1	< 5.0			< 5.0	< 5.0		< 5.0
CHLOROETHANE	UG/L	< 1	< 5.0			< 5.0	< 5.0		< 5.0
2-CHLOROETHYL VINYL ETHER	UG/L	< 1	< 2.0			< 2.0	< 2.0		< 2.0
CHLOROMETHANE	UG/L	< 1	< 5.0			< 5.0	< 5.0		< 5.0
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0			< 1.0	< 1.0		< 1.0

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-DUPLICATE SPIKE D-AVERAGE OF DUPS E-BLANK CONTAMINANT  
 F-DUP & SPIKE G-CALCULATED VALUE = H-CALCULATED VALUE I-CHECK NOTES TO USER

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI
		M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A	M24A
		SJ59578	SJ63822	SJ63827	SJ70700	SJ70701	SJ70705	SJ70706	SJ74413	SJ74416	SJ79242
		07/07/93	10/04/93	10/04/93	01/14/94	01/14/94	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ACROLEIN	UG/L	< 200					
ACRYLONITRILE	UG/L	< 50					
FREON 11 (CCL3F)	UG/L	< 1					
ACETONE	UG/L	< 10					
CIS-1,2-DICHLOROETHYLENE	UG/L	0.5		< 0.5	< 0.5	< 0.5	< 0.5
TETRAHYDROFURAN	UG/L	< 10		< 50	< 50	< 50	< 50
2-BUTANONE	UG/L	< 10					
4-METHYL-2-PENTANONE	UG/L	< 1					
STYRENE	UG/L	< 0.5					
M+P-XYLENE	UG/L	< 0.5		< 1.0	< 1.0	< 1.0	< 1.0

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 2
ANTHRACENE	UG/L	< 1	< 1	< 1	< 1
BENZIDINE	UG/L	< 62	< 62	< 62	< 62
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2
BENZO(G.H.I.)PERYLENE	UG/L	< 6	< 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 10	< 10	< 10
4-BROMOPHENYL PHENYLEETHER	UG/L	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 2	< 2	< 2	< 2
CHRYSENE	UG/L	< 2	< 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6
1,2-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10
1,3-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10
1,4-DICHLOROBENZENE	UG/L	< 2	< 2	< 2	< 2
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5

FOOTNOTES : A-ND = NONE DETECTED  
F-DUP & SPIKE

B-VALUE <MDL, >IDL  
G-CALCULATED VALUE =

C-DUPLICATE SPIKE  
H-CALCULATED VALUE

D-AVERAGE OF DUPS  
I-CHECK NOTES TO USER

E-BLANK CONTAMINANT

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		07/07/93	10/04/93	10/04/93	01/14/94	01/14/94	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94

ACID-BASE NEUTRAL EXTRACTABLE

DI-N-OCTYL PHTHALATE	UG/L	<	5	<	5	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	1	<	1
FLUORANTHENE	UG/L	<	2	<	2	<	2
FLUORENE	UG/L	<	2	<	2	<	2
HEXACHLOROBENZENE	UG/L	<	1	<	1	<	1
HEXACHLOROBUTADIENE	UG/L	<	10	<	10	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	100	<	100
HEXACHLOROETHANE	UG/L	<	12	<	12	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	6	<	6
ISOPHORONE	UG/L	<	3	<	3	<	3
NAPHTHALENE	UG/L	<	2	<	2	<	2
NITROBENZENE	UG/L	<	2	<	2	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	30	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	2	<	2
PHENANTHRENE	UG/L	<	1	<	1	<	1
PYRENE	UG/L	<	2	<	2	<	2
2,3,7,8-TCDD	UG/L	<	3	<	3	<	3
2-CHLOROPHENOL	UG/L	<	8	<	8	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	3	<	3
2,4-DICHLOROPHENOL	UG/L	<	3	<	3	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3	<	3	<	3
2,4-DINITROPHENOL	UG/L	<	39	<	39	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	17	<	17
2-NITROPHENOL	UG/L	<	5	<	5	<	5
4-NITROPHENOL	UG/L	<	6	<	6	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	2	<	2
PENTACHLOROPHENOL	UG/L	<	16	<	16	<	16
PHENOL	UG/L	<	3	<	3	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	2	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	2	<	2

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 03/14/95

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M24A SJ79246 07/20/94	WEFI M24A SJ82489 10/04/94	WELL M24A SJ82493 10/04/94
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FIELD PARAMETERS

DEPTH TO WATER	FT	30.8		31.06
DEPTH TO BOTTOM	FT	52.0		52.05
PERCENT METHANE IN GAS	%CH4	< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	16		17
FIELD WATER TEMPERATURE	DEG C	24		22.6
FIELD PH	PH	5.94		6.02
FIELD CONDUCTIVITY	UMHOS/CM	5680		5490
FIELD DISSOLVED O2	MG/L	4.5		3.80
FIELD DISSOLVED CO2	MG/L	321.0		259.2
FIELD TOTAL ALKALINITY	MG/L	472		490
FIELD HYDROGEN SULFIDE	PPM	< 0.1		< 0.1

GENERAL

PH	PH	6.46		6.95
CONDUCTIVITY	UMHOS/CM	8150		7990 D
SUSPENDED SOLIDS	MG/L	65		48
TOTAL DISSOLVED SOLIDS	MG/L	9626		8712
GROSS ALPHA RADIOACTIVITY	PCI/L	69.2		84.3
GROSS BETA RADIOACTIVITY	PCI/L	61.1		38.6

ANIONS

NITRATE NITROGEN	MG/L N	15.9		10.6
SULFATE	MG/L SO4	5090		4550
CHLORIDE	MG/L CL	663		630
TOTAL ALKALINITY	MG/L CACO3	482		498
BICARBONATE ALKALINITY	MG/L CACO3	482		498
TOTAL SULFIDE	MG/L S	< 0.1		

CATIONS

CALCIUM-HARDNESS	MG/L CACO3	936	1380	1450 C
MAGNESIUM-HARDNESS	MG/L CACO3	3830	4110	4090 C
SODIUM	MG/L NA	447	453	455 C
POTASSIUM	MG/L K	21.4	22.7	23.2 C
IRON	MG/L FE	0.86	0.57	1.25 C
MANGANESE	MG/L MN	2.64	2.47	2.54 C

ORGANIC MATTER

AMMONIA NITROGEN	MG/L N	< 0.1		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	9.8		

FOOTNOTES : A-ND = NONE DETECTED  
F-DUP & SPIKE

B-VALUE <MDL, >IDL  
G-CALCULATED VALUE =

C-DUPLICATE SPIKE  
H-CALCULATED VALUE

D-AVERAGE OF DUPS  
I-CHECK NOTES TO USER

E-BLANK CONTAMINANT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
WATER QUALITY MONITORING DATA  
PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL
		M24A	M24A	M24A
		SJ79246	SJ82489	SJ82493
		07/20/94	10/04/94	10/04/94

## ORGANIC MATTER

SOLUBLE BOD	MG/L O	< 0.7		< 0.7
SOLUBLE COD	MG/L O	510		527
TOTAL ORGANIC CARBON	MG/L C	180		170
OIL & GREASE	MG/L EXTRAC	< 0.9		
HYDROCARBONS-MODIFIED8015	MG/L HC			< 0.3
TOTAL ORGANIC HALOGEN(TOX	UG/L	420		

## METALS

ARSENIC	MG/L AS	0.004	0.010	0.013
BARIUM	MG/L BA	0.02	0.02	0.02 C
CADMIUM	MG/L CD	0.023	<0.003	<0.003 C
TOTAL CHROMIUM	MG/L CR	0.01	< 0.01	0.01 C
HEXAVALENT CHROMIUM	MG/L CR	< 0.02		
COPPER	MG/L CU	0.08	< 0.01	0.10 C
LEAD	MG/L PB	< 0.02	< 0.02	< 0.02 C
MERCURY	MG/L HG	<.0001	<.0001 C	<.0001
NICKEL	MG/L NI	0.89	0.86	0.86 C
SELENIUM	MG/L SE	0.328	0.292	0.286
SILVER	MG/L AG	< 0.01	< 0.01	< 0.01 C
ZINC	MG/L ZN	0.31	0.27	0.30 C

## PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS

PP'-DDE	UG/L	< 0.01		< 0.01
PP'-DDD	UG/L	< 0.01		< 0.01
PP'-DDT	UG/L	< 0.01		< 0.01
ALPHA-BHC	UG/L	< 0.01		< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01		< 0.01
HEPTACHLOR	UG/L	< 0.01		< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01		< 0.01
ALDRIN	UG/L	< 0.01		< 0.01
DIELDRIN	UG/L	< 0.01		< 0.01
ENDRIN	UG/L	< 0.01		< 0.01
TOXAPHENE	UG/L	< 0.5		< 0.5
AROCLOR 1242	UG/L	< 0.1		< 0.1
AROCLOR 1254	UG/L	< 0.05		< 0.05
BETA-BHC	UG/L	< 0.01		< 0.01
DELTA-BHC	UG/L	< 0.01		< 0.01
CIS-CHLORDANE	UG/L	< 0.01		
TRANS-CHLORDANE	UG/L	< 0.01		
TRANS-NONACHLOR	UG/L	< 0.01		
OXYCHLORDANE	UG/L	< 0.01		

FOOTNOTES : A-ND = NONE DETECTED    B-VALUE <MDL, >IDL    C-DUPLICATE SPIKE    D-AVERAGE OF DUPS    E-BLANK CONTAMINANT  
 F-DUP & SPIKE    G-CALCULATED VALUE =    H-CALCULATED VALUE    I-CHECK NOTES TO USER

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL
		M24A	M24A	M24A
		SJ79246	SJ82489	SJ82493
		07/20/94	10/04/94	10/04/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

CONSTITUENT	UNITS	WELL M24A	WEFI M24A	WELL M24A
TOTAL DETECTED CHLORDANES	UG/L		A	
ENDOSULFAN I	UG/L	< 0.01		< 0.01
ENDOSULFAN II	UG/L	< 0.01		< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.1		< 0.1
ENDRIN ALDEHYDE	UG/L	< 0.01		< 0.01
AROCLOR 1016	UG/L	< 0.1		< 0.1
AROCLOR 1221	UG/L	< 0.1		< 0.1
AROCLOR 1232	UG/L	< 0.1		< 0.1
AROCLOR 1248	UG/L	< 0.1		< 0.1
AROCLOR 1260	UG/L	< 0.1		< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.05		< 0.05

VOLATILE ORGANIC COMPOUNDS

CONSTITUENT	UNITS	WELL M24A	WEFI M24A	WELL M24A
METHYLENE CHLORIDE	UG/L	2.8		< 2.0
CHLOROFORM	UG/L	< 1.0		< 1.0
1,1,1-TRICHLOROETHANE	UG/L	< 1.0		< 1.0
CARBON TETRACHLORIDE	UG/L	< 0.5		< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5		< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5		< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5		< 0.5
BROMODICHLOROMETHANE	UG/L	< 1.0		< 1.0
DIBROMOCHLOROMETHANE	UG/L	< 1.0		< 1.0
BROMOFORM	UG/L	< 1.0		< 1.0
CHLOROBENZENE	UG/L	< 1.0		< 1.0
VINYL CHLORIDE	UG/L	< 1.0		< 1.0
O-DICHLOROETHANE	UG/L	< 1.0		< 1.0
M-DICHLOROETHANE	UG/L	< 1.0		< 1.0
P-DICHLOROETHANE	UG/L	< 1.0		< 1.0
1,1-DICHLOROETHANE	UG/L	0.6		0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5		< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5		< 0.5
BENZENE	UG/L	< 0.5		< 0.5
TOLUENE	UG/L	< 0.5		< 0.5
ETHYL BENZENE	UG/L	< 0.5		< 0.5
O-XYLENE	UG/L	< 1.0		< 1.0
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5		< 0.5
BROMOMETHANE	UG/L	< 5.0		< 5.0
CHLOROETHANE	UG/L	< 5.0		< 5.0
2-CHLOROETHYL VINYL ETHER	UG/L	< 2.0		< 2.0
CHLOROMETHANE	UG/L	< 5.0		< 5.0
1,2-DICHLOROPROPANE	UG/L	< 1.0		< 1.0
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0		< 1.0

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-DUPLICATE SPIKE D-AVERAGE OF DUPS E-BLANK CONTAMINANT  
 F-DUP & SPIKE G-CALCULATED VALUE = H-CALCULATED VALUE I-CHECK NOTES TO USER

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL
		M24A	M24A	M24A
		SJ79246	SJ82489	SJ82493
		07/20/94	10/04/94	10/04/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 1.0
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 1.0
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5
TETRAHYDROFURAN	UG/L	< 50	< 50
M+P-XYLENE	UG/L	< 1.0	< 1.0

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2	< 2
ANTHRACENE	UG/L	< 1	< 1
BENZIDINE	UG/L	< 62	< 62
BENZO(A)ANTHRACENE	UG/L	< 2	< 2
BENZO(A)PYRENE	UG/L	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2
BENZO(G.H.I.)PERYLENE	UG/L	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	0.8 B	< 10
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2
CHRYSENE	UG/L	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6
1,2-DICHLOROBENZENE	UG/L	< 10	< 10
1,3-DICHLOROBENZENE	UG/L	< 10	< 10
1,4-DICHLOROBENZENE	UG/L	< 2	< 2
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1
FLUORANTHENE	UG/L	< 2	< 2
FLUORENE	UG/L	< 2	< 2
HEXACHLOROBENZENE	UG/L	< 1	< 1
HEXACHLOROBUTADIENE	UG/L	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL
		M24A	M24A	M24A
		SJ79246	SJ82489	SJ82493
		07/20/94	10/04/94	10/04/94

ACID-BASE NEUTRAL EXTRACTABLE

HEXACHLOROETHANE	UG/L	< 12	< 12
INDENO(1,2,3-C,D)PYRENE	UG/L	< 6	< 6
ISOPHORONE	UG/L	0.6 B	< 3
NAPHTHALENE	UG/L	< 2	< 2
NITROBENZENE	UG/L	< 2	< 2
N-NITROSODIMETHYLAMINE	UG/L	< 30	< 30
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2	< 2
PHENANTHRENE	UG/L	< 1	< 1
PYRENE	UG/L	< 2	< 2
2,3,7,8-TCDD	UG/L	< 3	< 3
2-CHLOROPHENOL	UG/L	< 8	< 8
1,2,4-TRICHLOROBENZENE	UG/L	< 3	< 3
2,4-DICHLOROPHENOL	UG/L	< 3	< 3
2,4-DIMETHYLPHENOL	UG/L	< 3	< 3
2,4-DINITROPHENOL	UG/L	< 39	< 39
2-METHYL-4,6DINITROPHENOL	UG/L	< 17	< 17
2-NITROPHENOL	UG/L	< 5	< 5
4-NITROPHENOL	UG/L	< 6	< 6
4-CHLORO-3-METHYLPHENOL	UG/L	< 2	< 2
PENTACHLOROPHENOL	UG/L	< 16	< 16
PHENOL	UG/L	< 3	< 3
2,4,6-TRICHLOROPHENOL	UG/L	< 2	< 2
N-NITROSODIPHENYLAMINE	UG/L	< 2	< 2

FOOTNOTES : A-ND = NONE DETECTED      B-VALUE <MDL, >IDL      C-DUPLICATE SPIKE      D-AVERAGE OF DUPS      E-BLANK CONTAMINANT  
 F-DUP & SPIKE                      G-CALCULATED VALUE =      H-CALCULATED VALUE      I-CHECK NOTES TO USER



## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M24A	880314 SJ52339	ABN'S BROWN-CALDWELL, EXTRACTED 3-22-88, INJECTED 3-30-88: VOC'S BY MONTGOMERY LABS 3-28-88: THF 9.6UG/L;204=B&C
M24A	880623 SJ56337	VOC'S 6/29/88; THF:16UG/L; F-21:14UG/L; LEAD BY FURNACE: ABN EXT 6/28/88, INJ 7/5/88;
M24A	880907 SJ59225	VOC'S 9/13/88; ABN EXT 9-12-88, INJ 9-16-88
M24A	881219 SJ62744	VOC'S 12/20/88 314 AT VAL.:408 POM R&D/SR
M24A	890327 SJ73041	VOC'S 3/28/89; 408 RUN BY POM R&D 314 AT VAL.
M24A	890615 SJ76021	312 RUN BY POM R&D 403,404 SENT TO LCTPL / HK REQUEST 06/28/89 VOC'S 6/30/89; F-21 = 14 UG/L
M24A	890913 SJ79476	312=B&C,313,314=VALTPL VOC'S 9/14/89
M24A	891204 SJ83228	314=VALTPL,312,408=POMR/D,257=LBTP VOC'S 12/4/89
M24A	900305 SJ92364	312,314=POMR/D,301=LBTP VOC'S 3/6/90
M24A	900604 SJ97315	204,314=POMR/D,257,301=LB VOC's 6/5/90 CFC-21: 8.1 UG/L

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M24A	900910 SJ01997	408=WN,257,301=LB,204,312,314=POMR/D VOC'S: 9/12/90, CIS-1,2-DCE;1.4 UG/L
M24A	901213 SJ06998	257,301=SJCTPL JWPCP, ARSENIC AND SELENIUM VOC's 12/14/90 CFC-21: 12UG/L.
M24A	910117 SJ10808	257,301=LB,201,203,204=POMR/D MONTGOMERY LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY =<0.03MG/L AND THALLIUM = <.005MG/L VOC'S MONTGOMERY LAB 370, 371 BY TMA TESTS 370: +/- 40; 371: +/- 15 BNA EXT 01-24-91 INJ 01-31-91
M24A	910117 SJ10811	HEADER INFORMATION MODIFIED ON 11/11/92  257,301=LB,201,203,204=POMR/D MONTGOMERY LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY =<0.03MG/L AND THALLIUM =<0.005MG/L VOC'S MONTGOMERY LABS TESTS 370: +/- 37; 371: +/- 17 BY TMA BNA EXT 01-24-91 INJ 01-31-91 11 NOV 92 - SAMPLE DESCRIPTION CHANGED FROM "MONITORING WELL M24A AT PALOS VERDES LANDFILL" TO "MONITORING WELL M24A AT PVLFF (DUPLICATE OF SAMPLE SJ010808)" TO REFLECT THE FACT THAT THE SAMPLE IS A DUPLICATE SAMPLE TAKEN AT THE SITE. CHANGE REQUESTED BY E. LADEN. (JPG)
M24A	910402 SJ13952	257,301=LC 410 BROWN & CALDWELL ARSENIC & SELENIUM; BROWN & CALDWELL VOC's 4/3/91
M24A	910712 SJ18937	404=SJCTPL 705, 720 BROWN & CALDWELL 410 = MONTGOMERY LABS MDL 100 UG/L VOA'S = MONTGOMERY LABS

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M24A	910712 SJ18937	RADIOACTIVITY:ALPHA=2SIGMA 10,BETA=2SIGMA 8.8/MONTGOMERY LAB BNA EXT 07-16-91 INJ 07-20-91 BNA FOOTNOTE 35. TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M24A	911009 SJ23779	VOC's 10/11/91
M24A	920121 SJ30894	ALPHA/2SIGMA = 37, BETA/2SIGMA = 17 BNA EXT 01-23-92 INJ 01-31-92
M24A	920415 SJ35648	VOC's 4/23/92

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M24A WELL	071392 SJ40272	ALPHA/2SIGMA = 17, BETA/2SIGMA = 13  BNA EXT 07-14-92 INJ 07-22-92
M24A WELL	100792 SJ45021	VOC's 10/14/92
M24A WELL	100792 SJ45024	CH2CL2 BLK: 1.9UG/L  VOC's 10/08/92
M24A WELL	010493 SJ50093	ML REPORT #4823; VOLATILE ORGANICS. ML REPORT #4824; TEST 410 (TOX). ML REPORT #4822; ALPHA & BETA ALPHA 2 SIGMA +/- 17 PCI/L, BETA 2 SIGMA +/- 8.1 PCI/L BNA EXT 01-06-93 INJ 01-12-93
M24A WELL	033093 SJ54683	ML REPORT #6282; TOX  VOC's 03/31/93
M24A WELL	070793 SJ59577	ML REPORT #7938; TEST 410 (TOX), ALPHA BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 19 PCI/L, BETA 2 SIGMA +/- 12 PCI/L. BNA EXT 08-31-93 INJ 09-21-93 BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M24A WELL	070793 SJ59578	ML REPORT #7938; TEST 410 (TOX), ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 BETA +/- 19 PCI/L, BETA 2 SIGMA +/- 12 PCI/L. BNA EXT 09-14-93 INJ 10-04-93 BNA RESET EXTRACTED PAST HOLDING TIME. RESET DATA REPORTED.
M24A WELL	100493 SJ63827	ML REPORT #9736; TEST 410 (TOX).  VOCs 10/13/93
M24A WELL	011494 SJ70705	TOX:10% RULE EXCEEDED ML REPORT #11493; ALPHA & BETA. ALPHA 2 SIGMA +/- 14 PCI/L, BETA 2 SIGMA +/- 11 PCI/L. VOCs 01/18/94; CH2CL2 IN BLANK: 2.5UG/L BNA EXT 01-20-94 INJ 02-14-94
M24A WELL	011494 SJ70706	TOX:10% RULE EXCEEDED ML REPORT #11493; ALPHA & BETA. ALPHA 2 SIGMA +/- 19 PCI/L, BETA 2 SIGMA +/- 12 PCI/L. VOCs 01/18/94; CH2CL2 IN BLANK: 2.4UG/L

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M24A WELL	011494 SJ70706	BNA EXT 01-20-94 INJ 02-14-94
M24A WELL	040194 SJ74416	VOCs 04/06/94
M24A WEFI	072094 SJ79242	HEADER INFORMATION MODIFIED ON 09/19/94
M24A WELL	072094 SJ79246	ML REPORT #14582; ALPHA & BETA. ALPHA 2 SIGMA +/- 31.6 PCI/L, BETA 2 SIGMA +/- 15.6 PCL/L. VOCs 07/25/94; CONFIRMATION RUN 08/10/94 BNA EXT: 8-15-94 INJ: 8-23-94
M24A WELL	100494 SJ82493	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 26.4 PCI/L; BETA 2 SIGMA +/- 12.1 PCI/L ML REPORT #16389; MOD 8015 VOCs 10/05/94 BNA EXT: 10-07-94 INJ: 10-13-94

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ39798 12/02/87	WELL M25A SJ52340 03/14/88	WELL M25A SJ56338 06/23/88	WELL M25A SJ59407 09/09/88	WELL M25A SJ62745 12/19/88	WELL M25A SJ73042 03/27/89	WELL M25A SJ76022 06/15/89	WELL M25A SJ79477 09/13/89	WELL M25A SJ83229 12/04/89	WELL M25A SJ92365 03/05/90	
<b>FIELD PARAMETERS</b>												
DEPTH TO WATER	FT		44.25	48.2	48.4	43.0	41.2	42.5	43.1	43.2	42.3	
DEPTH TO BOTTOM	FT		80.83	80.9	80.9	80.9	80.7	80.7	80.7	80.7	80.7	
PERCENT METHANE IN GAS	%CH4		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
PERCENT OXYGEN IN GAS	%O2		18	21	19	19	20	21	21	21	21	
FIELD WATER TEMPERATURE	DEG C		19	19	20	18	19	19	19	17	19	
FIELD PH	PH		6.56	6.75	6.55	6.70	6.76	6.85	6.80	6.86	6.8	
FIELD CONDUCTIVITY	UMHOS/CM		4500	4600	4500	4800	4520	4400	4600	4800	4900	
FIELD DISSOLVED O2	MG/L		3.6	5.4	2.8	5.0	6.7	2.8	1.8	5.8	8.2	
FIELD DISSOLVED CO2	MG/L		334.4	312.6	147.1	159	155	171	298	137.8	96.9	
FIELD TOTAL ALKALINITY	MG/L		564	952	572	584	606	550	941	574	536	
FIELD HYDROGEN SULFIDE	PPM		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
<b>GENERAL</b>												
PH	PH		7.11	7.10	6.90	6.61	6.90	7.0	7.15	7.1	7.3	7.30
CONDUCTIVITY	UMHOS/CM		4275	4180	4610	4513 B	4450	3380	4095	3785	4060	4700
SUSPENDED SOLIDS	MG/L		1840	2000	3110	1080	11500	10400	14800	12300	3770	766
TOTAL DISSOLVED SOLIDS	MG/L		4040	4240	4490	4420	4440	4280	4350	4370	4410	4560
TOTAL HARDNESS	MG/L CaCO3						5520	6110	8190	5140	3440	3270 E
PHENOLS	MG/L C6H5OH						0.005	0.004	<0.001	0.029	0.003	0.002
BORON	MG/L B						1.01	0.93	1.68	0.62	0.86	0.89
<b>ANIONS</b>												
NITRATE NITROGEN	MG/L N		0.04	< 0.1	0.01	0.06	0.15	< 0.01	0.02	0.02	0.09	0.08
SULFATE	MG/L SO4		2190	2220	2160	2320	2440	2420	3560	2080	2360	2320
CHLORIDE	MG/L CL		246	276	282	278	303	273	339	292	274	300
TOTAL PHOSPHATE	MG/L PO4						77.1	81.2	331	133	34.0	24.6
<b>CATIONS</b>												
CALCIUM-HARDNESS	MG/L CaCO3		1818	2482	1943	1878	3506	3710	5210	3060	1870	1840
MAGNESIUM-HARDNESS	MG/L CaCO3		1507	1815	1474	1428	2009	2400	2980	2080	1570	1430
SODIUM	MG/L NA		254	224	205	198	198	180	190	193	192	199
POTASSIUM	MG/L K		51	52.5	32	44	81	101	174	100	50	46
IRON	MG/L FE		75.1	226	178	42.2	350	389	720	365	79.6	52.9
MANGANESE	MG/L MN		4.92	4.84	3.44	1.74	3.76	4.26	7.21	4.86	2.15	1.41
<b>ORGANIC MATTER</b>												
AMMONIA NITROGEN	MG/L N						1.3	1.4	1.2 C	1.1	0.6	1.1
SOLUBLE BOD	MG/L O		< 1.0 A	1.0 A	< 1.0	< 1	< 1	2	2	2	< 1	1
TOTAL COD	MG/L O						1410	743	3310	2860	598	464

FOOTNOTES : A-AVERAGE F-ND = NONE DETECTED B-AVERAGE OF DUPS G-AMENDED TEST RESULT C-DUP & SPIKE H-VALUE <MDL, >IDL D-DUPLICATE SPIKE I-CHECK NOTES TO USER E-CALCULATED VALUE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ39798 12/02/87	WELL M25A SJ52340 03/14/88	WELL M25A SJ56338 06/23/88	WELL M25A SJ59407 09/09/88	WELL M25A SJ62745 12/19/88	WELL M25A SJ73042 03/27/89	WELL M25A SJ76022 06/15/89	WELL M25A SJ79477 09/13/89	WELL M25A SJ83229 12/04/89	WELL M25A SJ92365 03/05/90
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	80	89	268	99	93	124	231	101	77	104
TANNIN & LIGNIN	MG/L					1.8	1.0				
OIL & GREASE	MG/L EXTRAC					2	6	3.9	< 1.0	< 1	4.1
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	< 0.01	0.087	0.078	0.013	0.14	0.142	0.23	0.19	0.066	0.010
BARIUM	MG/L BA	1.28	2.10	2.15	0.74						
CADMIUM	MG/L CD	0.01	0.10	0.08	0.08	0.15	0.17	0.23	0.16	0.07	0.05
TOTAL CHROMIUM	MG/L CR	0.30	0.87	< 0.67	0.30	1.11	1.28	2.08	1.39	0.40	0.31
HEXAVALENT CHROMIUM	MG/L CR	< 0.10	< 0.02	< 0.02	< 0.02	< 0.02	< 0.10	< 0.02	< 0.02	< 0.02 D	< 0.02 D
COPPER	MG/L CU	0.19	0.53	0.39	0.16	0.77	0.82	1.68	0.88	0.20	0.14
LEAD	MG/L PB	< 0.49	0.83	0.07	0.44	0.12	0.075	0.18	0.14	< 0.04	0.20
MERCURY	MG/L HG	.0003	.0006	.0005	.0002 C	.0008	.0010	.0024	.0008	.0002	.0002
NICKEL	MG/L NI	0.26	0.98	0.82	0.48	1.27	1.26	2.28	1.39	0.47	0.37
SELENIUM	MG/L SE	< 0.02	0.052	0.049	0.006	0.055	0.099	0.224	0.13	0.029	.0038
SILVER	MG/L AG	< 0.03	0.14	0.019	0.010						
ZINC	MG/L ZN	0.57	1.06	0.89	0.31	1.57	1.68	2.99	1.84	0.41	0.28
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 5.0	< 1.0	1.4	< 0.5	< 2.0	< 0.5	< 0.5	< 0.5	1.2	< 3.0
CHLOROFORM	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
P-DICHLOROBENZENE	UG/L					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

FOOTNOTES : A-AVERAGE B-AVERAGE OF DUPS C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-ND = NONE DETECTED G-AMENDED TEST RESULT H-VALUE <MDL, >IDL I-CHECK NOTES TO USER

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M25A SJ39798 12/02/87	M25A SJ52340 03/14/88	M25A SJ56338 06/23/88	M25A SJ59407 09/09/88	M25A SJ62745 12/19/88	M25A SJ73042 03/27/89	M25A SJ76022 06/15/89	M25A SJ79477 09/13/89	M25A SJB3229 12/04/89	M25A SJ92365 03/05/90
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BENZENE	UG/L	0.3	< 0.1	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TOLUENE	UG/L	1.5	< 0.5	0.8	2.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ETHYL BENZENE	UG/L	0.5	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5	< 5.0	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 1.0	< 2.5	< 2.5
2-CHLOROETHYLVINYLETHER	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.5	< 5.0	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ACETONE	UG/L	< 10	< 1.0	22	< 10	< 10	< 10	< 20	< 10	< 10	14
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.1	< 0.1	< 0.5	< 0.5						
2-BUTANONE	UG/L	< 1.0	< 1.0	< 10	< 10	< 10	< 10	< 20	< 10	< 10	< 10
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
ACENAPHTHYLENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
ANTHRACENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
BENZIDINE	UG/L	< 2.2	< 40	< 1.1	< 1.1						
BENZO(A)ANTHRACENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
BENZO(A)PYRENE	UG/L	< 1.1	< 10	< 0.3	< 0.3						
BENZO(B)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
BENZO(G,H,I)PERYLENE	UG/L	< 2.2	< 10	< 0.4	< 0.4						
BENZO(K)FLUORANTHENE	UG/L	< 0.1	< 10	< 0.2	< 0.2						
BIS(2-CL-ETHOXY)METHANE	UG/L	< 0.1	< 10	< 0.3	< 0.3						
BIS(2-CHLOROETHYL)ETHER	UG/L	< 0.1	< 10	< 0.3	< 0.3						
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 0.6	< 10	< 0.1	< 0.1						
DIETHYLHEXYL PHTHALATE	UG/L	3.9	< 10	2.0	1.6						
4-BROMOPHENYL PHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.2						
BUTYLBENZYL PHTHALATE	UG/L	< 2.2	< 10	< 0.3	< 0.3						
2-CHLORONAPHTHALENE	UG/L	< 0.2	< 10	< 0.2	< 0.2						
4-CHLOROPHENYLPHENYLETHER	UG/L	< 0.6	< 10	< 0.2	< 0.2						
CHRYSENE	UG/L	< 0.6	< 10	< 0.2	< 0.2						
DIBENZO(A,H)ANTHRACENE	UG/L	< 5.6	< 10	< 0.9	< 0.9						
1,2-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
1,3-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
1,4-DICHLOROBENZENE	UG/L	< 0.1	< 10	< 0.1	< 0.1						
3,3'-DICHLOROBENZIDINE	UG/L	< 5.6	< 10	< 0.3	< 0.3						

FOOTNOTES : A-AVERAGE B-AVERAGE OF DUPS C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M25A SJ39798 12/02/87	M25A SJ52340 03/14/88	M25A SJ56338 06/23/88	M25A SJ59407 09/09/88	M25A SJ62745 12/19/88	M25A SJ73042 03/27/89	M25A SJ76022 06/15/89	M25A SJ79477 09/13/89	M25A SJ83229 12/04/89
ACID-BASE NEUTRAL EXTRACT										
DIETHYL PHTHALATE	UG/L	< 0.6	< 10	< 0.1	< 0.1					
DIMETHYL PHTHALATE	UG/L	< 0.2	< 25	< 0.1	< 0.1					
DI-N-BUTYL PHTHALATE	UG/L	< 0.2	< 50	< 0.1	< 0.1					
2,4-DINITROTOLUENE	UG/L	< 1.3	< 10	< 1.2	< 1.2					
2,6-DINITROTOLUENE	UG/L	< 1.1	< 10	< 1.3	< 1.3					
DI-N-OCTYL PHTHALATE	UG/L	< 2.2	< 10	< 2.5	< 1.3					
1,2-DIPHENYLHYDRAZINE	UG/L	< 0.2	< 10	< 0.1	< 0.1					
FLUORANTHENE	UG/L	< 0.6	< 10	< 0.1	< 0.1					
FLUORENE	UG/L	< 0.1	< 10	< 0.1	< 0.1					
HEXACHLOROBENZENE	UG/L	< 0.6	< 10	< 0.2	< 0.2					
HEXACHLOROBUTADIENE	UG/L	< 0.6	< 10	< 0.2	< 0.2					
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1.1	< 10	< 1.3	< 1.3					
HEXACHLOROETHANE	UG/L	< 0.2	< 10	< 0.7	< 0.7					
INDENO(1,2,3-C,D)PYRENE	UG/L	< 4.4	< 10	< 0.6	< 0.6					
ISOPHORONE	UG/L	< 0.6	< 10	< 0.2	< 0.2					
NAPHTHALENE	UG/L	< 1.6	< 10	< 0.4	< 0.1					
NITROBENZENE	UG/L	< 0.2	< 10	< 0.7	< 0.7					
N-NITROSODIMETHYLAMINE	UG/L	< 1.1	< 80	< 1.0	< 1.0					
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2.8	< 40	< 1.0	< 0.4					
PHENANTHRENE	UG/L	< 0.1	< 10	< 0.1	< 0.1					
PYRENE	UG/L	< 0.6	< 10	< 0.1	< 0.1					
2,3,7,8-TCDD	UG/L	< 0.1	< 5	< 0.2	< 0.2					
2-CHLOROPHENOL	UG/L	< 0.1	< 10	< 0.3	< 0.3					
1,2,4-TRICHLOROBENZENE	UG/L	< 0.2	< 10	< 0.2	< 0.2					
2,4-DICHLOROPHENOL	UG/L	< 0.6	< 10	< 0.4	< 0.4					
2,4-DIMETHYLPHENOL	UG/L	< 0.6	< 10	< 0.6	< 0.6					
2,4-DINITROPHENOL	UG/L	< 8.3	< 25	< 5.6	< 5.6					
2-METHYL-4,6-DINITROPHENOL	UG/L	< 2.8	< 50	< 3.6	< 3.6					
2-NITROPHENOL	UG/L	< 2.8	< 10	< 1.0	< 1.0					
4-NITROPHENOL	UG/L	< 1.1	< 25	< 3.1	< 3.1					
4-CHLORO-3-METHYLPHENOL	UG/L	< 0.2	< 10	< 1.1	< 1.1					
PENTACHLOROPHENOL	UG/L	< 0.6	< 10	< 1.1	< 1.1					
PHENOL	UG/L	< 0.6	< 10	< 1.1	< 1.7					
2,4,6-TRICHLOROPHENOL	UG/L	< 0.3	< 10	< 0.3	< 0.3					
N-NITROSODIPHENYLAMINE	UG/L	< 0.6	< 10	< 0.1	< 0.1					

FOOTNOTES : A-AVERAGE  
F-ND = NONE DETECTED

B-AVERAGE OF DUPS  
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C-DUP & SPIKE  
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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ97316 06/04/90	WELL M25A SJ01998 09/10/90	WELL M25A SJ06999 12/13/90	WELL M25A SJ10809 01/17/91	WELL M25A SJ13832 03/28/91	WELL M25A SJ18673 07/09/91	WELL M25A SJ23697 10/08/91	WELL M25A SJ28677 12/31/91	WELL M25A SJ34651 03/27/92
<b>FIELD PARAMETERS</b>										
DEPTH TO WATER	FT	43.3	43.3	43.3	42.9	43.2	42.0	38.2	42.9	42.0
DEPTH TO BOTTOM	FT	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	18	21	19	19	21	18	19	19	20
FIELD WATER TEMPERATURE	DEG C	22	21	19	19	20	23	21	16	21
FIELD PH	PH	7.05	7.05	6.60	6.78	6.60	6.68	6.80	6.70	6.65
FIELD CONDUCTIVITY	UMHOS/CM	4700	4550	4900	4800	4900	5300	4600	4800	5200
FIELD DISSOLVED O2	MG/L	6.2	3.0	4.4	3.9	2.8	0.9	3.6	2.00	2.5
FIELD DISSOLVED CO2	MG/L	188.5	120.4	102.1	114.4	123.7	383.7	120.4	173.9	120.4
FIELD TOTAL ALKALINITY	MG/L	566	636	586	576	586	604	630	642	692
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>										
PH	PH	7.10	7.28	7.10	7.57	7.28	7.34	7.00	6.96	7.40 B
CONDUCTIVITY	UMHOS/CM	4575	4600	4670	4790	4750	4730	4370	4420	4600
SUSPENDED SOLIDS	MG/L	1980	7810	2410						
TOTAL DISSOLVED SOLIDS	MG/L	4630	4460	4512	4612	4626	4680	4630 C	4356	4452
TOTAL HARDNESS	MG/L CAC03	3580 E	6510 E	2680 E						
PHENOLS	MG/L C6H5OH	0.002	0.002	<0.001						
BORON	MG/L B	1.13 C	1.07	1.53						
GROSS ALPHA RADIOACTIVITY	PCI/L				11		17.0		3.6	
GROSS BETA RADIOACTIVITY	PCI/L				33		8.8		40	
<b>ANIONS</b>										
NITRATE NITROGEN	MG/L N	0.02	0.02	0.08	0.01	0.06	0.07	0.02	0.03	< 0.01
SULFATE	MG/L SO4	2110	2401	3090	2210	2430	2320 C	2000	2360	2190
CHLORIDE	MG/L CL	300	340	350	284	309	343	311	298	327
TOTAL ALKALINITY	MG/L CAC03				608	584	1200	649	624	829
BICARBONATE ALKALINITY	MG/L CAC03				608	584	1200	649	624	829
TOTAL PHOSPHATE	MG/L PO4	42.8 C	216	29.8						
TOTAL SULFIDE	MG/L S				< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1
<b>CATIONS</b>										
CALCIUM-HARDNESS	MG/L CAC03	2060	3880	1490	1960	1620	2900	1680	2260	2040
MAGNESIUM-HARDNESS	MG/L CAC03	1520	2630	1190	1440	1400	2080	1340	1540	1430
SODIUM	MG/L NA	200	208	464	202	206	202	196	210	204
POTASSIUM	MG/L K	51	154	42	58	38	103	45	68	61
IRON	MG/L FE	95.4	549	22.8	100		364		143	
MANGANESE	MG/L MN	1.92	5.45	0.99	1.94		4.10		2.05	

FOOTNOTES : A-AVERAGE B-AVERAGE OF DUPS C-DUP & SPIKE D-DUPLICATE SPIKE E-CALCULATED VALUE  
 F-ND = NONE DETECTED G-AMENDED TEST RESULT H-VALUE <MDL, >IDL I-CHECK NOTES TO USER

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ97316 06/04/90	WELL M25A SJ01998 09/10/90	WELL M25A SJ06999 12/13/90	WELL M25A SJ10809 01/17/91	WELL M25A SJ13832 03/28/91	WELL M25A SJ18673 07/09/91	WELL M25A SJ23697 10/08/91	WELL M25A SJ28677 12/31/91	WELL M25A SJ34651 03/27/92
<b>ORGANIC MATTER</b>										
<b>ORGANIC MATTER</b>										
AMMONIA NITROGEN	MG/L N	1.1	1.3	1.2	1.01	1.8	1.4	1.7	1.8	1.26
TOTAL KJELDAHL NITROGEN	MG/L N				10.5	3.8	9.8	5.8	5.2	17.4
SOLUBLE BOD	MG/L O	< 1	1	3	2	1	2	< 1	2	2
TOTAL COD	MG/L O	725	4380	661						
SOLUBLE COD	MG/L O	93	114	101	79	122	107	117	112	138
TOTAL ORGANIC CARBON	MG/L C				210 D	77	590	95	280	270
OIL & GREASE	MG/L EXTRAC	4.3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX)	UG/L				37	330	< 40	< 40	< 40	< 40
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0						
<b>METALS</b>										
ARSENIC	MG/L AS	0.057	0.21	0.028	.0084	0.008	.0028	.0046	.0067	.0068
BARIUM	MG/L BA				1.40	0.31	4.50	0.58	1.93	1.43
CADMIUM	MG/L CD	0.06	0.18	0.05	0.07	0.05	0.05	< 0.01	0.02	0.01
TOTAL CHROMIUM	MG/L CR	0.42	1.65	0.19	0.46	0.20	1.27	0.14	0.50	0.42
HEXAVALENT CHROMIUM	MG/L CR	< 0.04	< 0.04 D	< 0.02	< 0.02		< 0.02			I
COPPER	MG/L CU	0.24	1.17	0.07	0.25		0.82		0.33	
LEAD	MG/L PB	0.04	0.18	< 0.04	0.04	< 0.04	0.12	< 0.04	0.06	< 0.04
MERCURY	MG/L HG	.0002	.0024	.0003	.0004	<.0001	.0006	.0001	.0006	.0007
NICKEL	MG/L NI	0.50	1.64	0.27	0.53		0.97		0.40	
SELENIUM	MG/L SE	0.034	0.182	0.024	.0009	0.006	.0006	.0014	<.0005	.0012
SILVER	MG/L AG				0.019	0.015	0.035	0.01	0.02	0.02
ZINC	MG/L ZN	0.48	2.27	0.15	0.52		1.67		0.69	
<b>PESTICIDES</b>										
PP'-DDE	UG/L				< 0.01		< 0.01		0.01	
PP'-DDD	UG/L				< 0.01		< 0.01		< 0.01	
PP'-DDT	UG/L				< 0.01		< 0.01		< 0.01	
ALPHA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
LINDANE (GAMMA-BHC)	UG/L				< 0.01		< 0.01		< 0.01	
HEPTACHLOR	UG/L				< 0.01		< 0.01		< 0.01	
HEPTACHLOR EPOXIDE	UG/L				< 0.01		< 0.01		< 0.01	
ALDRIN	UG/L				< 0.01		< 0.01		< 0.01	

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		06/04/90	09/10/90	12/13/90	01/17/91	03/28/91	07/09/91	10/08/91	12/31/91	03/27/92
<b>PESTICIDES</b>										
DIELDRIN	UG/L				< 0.01		< 0.01		< 0.01	
ENDRIN	UG/L				< 0.01		< 0.01		< 0.01	
TOXAPHENE	UG/L				< 1		< 1		< 5	
AROCLOR 1242	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1254	UG/L				< 0.1		< 0.1		< 0.1	
BETA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
DELTA-BHC	UG/L				< 0.01		< 0.01		< 0.01	
CIS-CHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TRANS-CHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TRANS-NONACHLOR	UG/L				< 0.01		< 0.01		< 0.01	
OXYCHLORDANE	UG/L				< 0.01		< 0.01		< 0.01	
TOTAL DETECTED CHLORDANES	UG/L					F		F		F
ENDOSULFAN I	UG/L				< 0.01		< 0.01		< 0.01	
ENDOSULFAN II	UG/L				< 0.01		< 0.01		< 0.01	
ENDOSULFAN SULFATE	UG/L				< 0.01		< 0.01		< 0.01	
ENDRIN ALDEHYDE	UG/L				< 0.2		< 0.2		< 0.01	
AROCLOR 1016	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1221	UG/L				< 0.5		< 0.5		< 0.1	
AROCLOR 1232	UG/L				< 0.5		< 0.5		< 0.1	
AROCLOR 1248	UG/L				< 0.1		< 0.1		< 0.1	
AROCLOR 1260	UG/L				< 0.1		< 0.1		< 0.1	
TECHNICAL CHLORDANE	UG/L				< 0.1		< 0.1		< 0.1	
<b>VOLATILE ORGANIC COMPOUND</b>										
METHYLENE CHLORIDE	UG/L	< 1.0	< 0.5	< 1.0	< 5.0	< 1.0	< 3.0	< 1.0	< 3.0	< 2.0
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
CHLOROENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
P-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3

FOOTNOTES : A-AVERAGE  
F-ND = NONE DETECTED

B-AVERAGE OF DUPS  
G-AMENDED TEST RESULT

C-DUP & SPIKE  
H-VALUE <MDL, >IDL

D-DUPLICATE SPIKE  
I-CHECK NOTES TO USER

E-CALCULATED VALUE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ97316 06/04/90	WELL M25A SJ01998 09/10/90	WELL M25A SJ06999 12/13/90	WELL M25A SJ10809 01/17/91	WELL M25A SJ13832 03/28/91	WELL M25A SJ18673 07/09/91	WELL M25A SJ23697 10/08/91	WELL M25A SJ28677 12/31/91	WELL M25A SJ34651 03/27/92
<b>VOLATILE ORGANIC COMPOUND</b>										
BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	0.3	< 0.50	0.4
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
0-XYLENE	UG/L				< 0.50		< 0.50 G		< 0.50	
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.3
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5
2-CHLOROETHYLVINYLETHER	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5	< 1.0	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.5	< 0.3	< 0.50	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5
ACROLEIN	UG/L				< 1.0		< 1.0		< 1.0	
ACRYLONITRILE	UG/L				< 1.0		< 1.0		< 1.0	
FREON 11 (CCL3F)	UG/L						< 1.0		< 1.0	
ACETONE	UG/L	< 20	< 10	< 20			< 10 G		< 10	
CIS-1,2-DICHLOROETHYLENE	UG/L						< 0.5		< 0.50	
TETRAHYDROFURAN	UG/L						< 10 G		< 10	
2-BUTANONE	UG/L	< 20	< 10	< 20			< 1.0 G		< 1.0	
4-METHYL-2-PENTANONE	UG/L						< 1.0 G		< 1.0	
STYRENE	UG/L						< 0.50 G		< 0.50	
M+P-XYLENE	UG/L				< 0.50		< 0.50 G		< 0.50	
<b>ACID-BASE NEUTRAL EXTRACT</b>										
ACENAPHTHENE	UG/L				< 2		< 2		< 2	
ACENAPHTHYLENE	UG/L				< 2		< 2		< 2	
ANTHRACENE	UG/L				< 1		< 1		< 1	
BENZIDINE	UG/L				< 62		< 62		< 62	
BENZO(A)ANTHRACENE	UG/L				< 2		< 2		< 2	
BENZO(A)PYRENE	UG/L				< 7		< 7		< 7	
BENZO(B)FLUORANTHENE	UG/L				< 2		< 2		< 2	
BENZO(G.H.I.)PERYLENE	UG/L				< 6		< 6		< 6	
BENZO(K)FLUORANTHENE	UG/L				< 2		< 2		< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L				< 3		< 3		< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L				< 5		< 5		< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L				< 3		< 3		< 3	
DIETHYLHEXYL PHTHALATE	UG/L				< 10		< 1 H		< 10	
4-BROMOPHENYL PHENYLETHER	UG/L				< 9		< 9		< 9	
BUTYLBENZYL PHTHALATE	UG/L				< 3		< 3		< 3	
2-CHLORONAPHTHALENE	UG/L				< 1		< 1		< 1	
4-CHLOROPHENYLPHENYLETHER	UG/L				< 2		< 2		< 2	

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ97316	SJ01998	SJ06999	SJ10809	SJ13832	SJ18673	SJ23697	SJ28677	SJ34651
		06/04/90	09/10/90	12/13/90	01/17/91	03/28/91	07/09/91	10/08/91	12/31/91	03/27/92

ACID-BASE NEUTRAL EXTRACT

CHRYSENE	UG/L	<	2	<	2	<	2
DIBENZO(A,H)ANTHRACENE	UG/L	<	6	<	6	<	6
1,2-DICHLOROBENZENE	UG/L	<	10	<	10	<	10
1,3-DICHLOROBENZENE	UG/L	<	10	<	10	<	10
1,4-DICHLOROBENZENE	UG/L	<	2	<	2	<	2
3,3'-DICHLOROBENZIDINE	UG/L	<	100	<	100	<	100
DIETHYL PHTHALATE	UG/L	<	2	<	2	<	2
DIMETHYL PHTHALATE	UG/L	<	3	<	3	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4	<	4	<	4
2,4-DINITROTOLUENE	UG/L	<	3	<	3	<	3
2,6-DINITROTOLUENE	UG/L	<	5	<	5	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5	<	5	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	1	<	1
FLUORANTHENE	UG/L	<	2	<	2	<	2
FLUORENE	UG/L	<	2	<	2	<	2
HEXACHLOROBENZENE	UG/L	<	1	<	1	<	1
HEXACHLOROBUTADIENE	UG/L	<	10	<	10	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	100	<	100
HEXACHLOROETHANE	UG/L	<	12	<	12	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	6	<	6
ISOPHORONE	UG/L	<	3	<	3	<	3
NAPHTHALENE	UG/L	<	2	<	2	<	2
NITROBENZENE	UG/L	<	2	<	2	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	30	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	2	<	2
PHENANTHRENE	UG/L	<	1	<	1	<	1
PYRENE	UG/L	<	2	<	2	<	2
2,3,7,8-TCDD	UG/L	<	3	<	3	<	3
2-CHLOROPHENOL	UG/L	<	8	<	8	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	3	<	3
2,4-DICHLOROPHENOL	UG/L	<	3	<	3	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3	<	3	<	3
2,4-DINITROPHENOL	UG/L	<	39	<	39	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	17	<	17
2-NITROPHENOL	UG/L	<	5	<	5	<	5
4-NITROPHENOL	UG/L	<	6	<	6	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	2	<	2
PENTACHLOROPHENOL	UG/L	<	16	<	16	<	16
PHENOL	UG/L	<	3	<	3	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	2	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	2	<	2

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ40008 07/07/92	WELL M25A SJ40009 07/07/92	WELL M25A SJ45022 10/07/92	WEFI M25A SJ50090 01/04/93	WELL M25A SJ50094 01/04/93	WEFI M25A SJ54680 03/30/93	WELL M25A SJ54684 03/30/93	WEFI M25A SJ59576 07/07/93	WELL M25A SJ59581 07/07/93	WEFI M25A SJ63823 10/04/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	40.6		42.6		42.4		41.6		41.6	
DEPTH TO BOTTOM	FT	80.7		80.7		80.6		80.7		80.7	
PERCENT METHANE IN GAS	%CH4	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1	
PERCENT OXYGEN IN GAS	%O2	19		20		18		21		20	
FIELD WATER TEMPERATURE	DEG C	22		22		16		18		22	
FIELD PH	PH	6.50		6.8		7.24		6.55		6.76	
FIELD CONDUCTIVITY	UMHOS/CM	5470		4900		4700		4150		4110	
FIELD DISSOLVED O2	MG/L	1.7		2.85		2.00		3.0		2.4	
FIELD DISSOLVED CO2	MG/L	378.4		175.6		113.7		76.9		122.1	
FIELD TOTAL ALKALINITY	MG/L	678		630		562		590		588	
FIELD HYDROGEN SULFIDE	PPM	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1	
<b>GENERAL</b>											
PH	PH	7.45	7.35	7.36		7.35 D		7.44		7.51	
CONDUCTIVITY	UMHOS/CM	4660	4670	4630		4680		4490		4655 D	
SUSPENDED SOLIDS	MG/L					188 D		3590		1375	
TOTAL DISSOLVED SOLIDS	MG/L	4571	4704	4643		4621		4466		4334	
GROSS ALPHA RADIOACTIVITY	PCI/L	106	51			5.1				35	
GROSS BETA RADIOACTIVITY	PCI/L	230	168			28.1				55	
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	< 0.01	0.05	0.21		0.14		< 0.01		0.01	
SULFATE	MG/L SO4	2200	2360	2280	2310	2200	1940 A	2040	1940 A	2220	1330
CHLORIDE	MG/L CL	290 A	295	287	283	293	283	286	269	304	221
TOTAL ALKALINITY	MG/L CACO3	964	1260	1150		571		765		799	
BICARBONATE ALKALINITY	MG/L CACO3	1020	1310	1150		571		765		799	
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1 D	< 0.1		< 0.1		< 0.1		< 0.1	
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CACO3	2620	2920	2950	1670	1810	1390	1920	1460	2250	1040 E
MAGNESIUM-HARDNESS	MG/L CACO3	1790	1950	1990	1300	1370	1140	1470	1140	1600	815 E
SODIUM	MG/L NA	203	205	208	192	199	192	188	183	191	164 E
POTASSIUM	MG/L K	80	96	86	36.4	36.7	27.4	48.6	28.1	55.1	18.8 E
IRON	MG/L FE	288	353		3.21	9.15			2.12	152	
MANGANESE	MG/L MN	3.25	3.8		0.57	0.63			0.52	1.74	
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	0.56	0.63	0.39		1.2		1.1		< 0.1	
TOTAL KJELDAHL NITROGEN	MG/L N	9.66	9.24	22.9		3.3		10.6		19.2	

FOOTNOTES : A-DUP &amp; SPIKE

F-CHECK NOTES TO USER

B-ND = NONE DETECTED

G-CALCULATED VALUE

C-VALUE &lt;MDL, &gt;IDL

H-AMENDED TEST RESULT

D-AVERAGE OF DUPS

I-10% RULE EXCEEDED

E-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ40008	SJ40009	SJ45022	SJ50090	SJ50094	SJ54680	SJ54684	SJ59576	SJ59581	SJ63823
		07/07/92	07/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	10/04/93
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	< 1	< 1	1		1		< 1		< 1	
SOLUBLE COD	MG/L O	111	111	108 A		112		108		111	
TOTAL ORGANIC CARBON	MG/L C	390	370	430		33 E		200 E		270	
OIL & GREASE	MG/L EXTRAC	< 1	< 1	< 1		< 1 E		< 1		< 1 F	
TOTAL ORGANIC HALOGEN(TOX	UG/L	45	< 40	< 40		48		< 40		< 40	
<b>METALS</b>											
ARSENIC	MG/L AS	.0006	.0012	.0055	0.002	0.011	0.002	0.048	0.002	0.062	0.004
BARIUM	MG/L BA	2.98	3.74	2.8	0.03	0.10	0.05	1.35	0.04	1.42	0.07 E
CADMIUM	MG/L CD	0.03	0.04	0.03	< 0.01	< 0.01	< 0.01	0.01	< 0.01	0.04	< 0.01 E
TOTAL CHROMIUM	MG/L CR	1.02	1.29	0.93	< 0.02	< 0.02	< 0.02	0.38	< 0.02	0.53	< 0.02 E
HEXAVALENT CHROMIUM	MG/L CR	< 0.02	< 0.02			< 0.02				< 0.02	
COPPER	MG/L CU	0.52	0.65		< 0.02	0.05			< 0.02	0.28	
LEAD	MG/L PB	0.07	0.1	0.08	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	0.06	< 0.04 E
MERCURY	MG/L HG	<.0001	<.0001	.0021	<.0001	<.0001	<.0001	.0005	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.66	0.82		< 0.03	< 0.03			< 0.03	0.27	
SELENIUM	MG/L SE	.0005	.0007	.0042	0.003	0.008	0.002	0.031	0.001	0.036	0.001
SILVER	MG/L AG	0.021	0.025	0.036	0.01	0.012	0.009	0.018	<0.005	<0.005	<0.005 E
ZINC	MG/L ZN	1.2	1.48		0.02	0.06			< 0:02	0.63	
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	0.01	0.01			< 0.01				< 0.01	
PP'-DDD	UG/L	0.01	0.01			< 0.01				< 0.01	
PP'-DDT	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
ALPHA-BHC	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
LINDANE (GAMMA-BHC)	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
HEPTACHLOR	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
HEPTACHLOR EPOXIDE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
ALDRIN	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
DIELDRIN	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
ENDRIN	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
TOXAPHENE	UG/L	< 5	< 5			< 5				< 5	
AROCLOR 1242	UG/L	< 0.1	< 0.1			< 0.1				< 0.1	
AROCLOR 1254	UG/L	< 0.1	< 0.1			< 0.1				< 0.1	
BETA-BHC	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
DELTA-BHC	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
CIS-CHLORDANE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
TRANS-CHLORDANE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
TRANS-NONACHLOR	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
OXYCHLORDANE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01	
TOTAL DETECTED CHLORDANES	UG/L			B	B			B			B

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-AMENDED TEST RESULT I-10% RULE EXCEEDED



WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ40008	SJ40009	SJ45022	SJ50090	SJ50094	SJ54680	SJ54684	SJ59576	SJ59581	SJ63823
		07/07/92	07/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	10/04/93

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01	< 0.01			< 0.01				< 0.01
ENDOSULFAN II	UG/L	< 0.01	< 0.01			< 0.01				< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01
ENDRIN ALDEHYDE	UG/L	< 0.01	< 0.01			< 0.01				< 0.01
AROCLOR 1016	UG/L	< 0.1	< 0.1			< 0.1				< 0.1
AROCLOR 1221	UG/L	< 0.1	< 0.1			< 0.1				< 0.1
AROCLOR 1232	UG/L	< 0.1	< 0.1			< 0.1				< 0.1
AROCLOR 1248	UG/L	< 0.1	< 0.1			< 0.1				< 0.1
AROCLOR 1260	UG/L	< 0.1	< 0.1			< 0.1				< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.1	< 0.1			< 0.1				< 0.1

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 3	< 3	< 1.0 E		< 3		< 1.0		< 3
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3 E		< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3 E		< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
CHLOROENZENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5 E		< 0.5
VINYL CHLORIDE	UG/L	< 1	< 1	< 0.5 E		< 1		< 0.5		< 1
O-DICHLOROENZENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
M-DICHLOROENZENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
P-DICHLOROENZENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
BENZENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3 E		< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3 E		< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
VINYL ACETATE	UG/L	< 10	< 10			< 10				< 10
O-XYLENE	UG/L	< 0.5	< 0.5			< 0.5				< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.3 E		< 0.5		< 0.3		< 0.5
BROMOMETHANE	UG/L	< 1	< 1	< 2.5 E		< 1		< 2.5		< 1
CHLOROETHANE	UG/L	< 1	< 1	< 2.5 E		< 1		< 2.5		< 1
2-CHLOROETHYL VINYL ETHER	UG/L	< 1	< 1	< 1.0 E		< 1		< 1.0		< 1
CHLOROMETHANE	UG/L	< 1	< 1	< 2.5 E		< 1		< 2.5		< 1
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-ENDED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ40008 07/07/92	WELL M25A SJ40009 07/07/92	WELL M25A SJ45022 10/07/92	WEFI M25A SJ50090 01/04/93	WELL M25A SJ50094 01/04/93	WEFI M25A SJ54680 03/30/93	WELL M25A SJ54684 03/30/93	WEFI M25A SJ59576 07/07/93	WELL M25A SJ59581 07/07/93	WEFI M25A SJ63823 10/04/93
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VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5	
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5 E		< 0.5		< 0.5		< 0.5	
ACROLEIN	UG/L	< 1	< 1			< 1				< 200	
ACRYLONITRILE	UG/L	< 1	< 1			< 1				< 50	
FREON 11 (CCL3F)	UG/L	< 1	< 1			< 1				< 1	
ACETONE	UG/L	< 10	< 10			< 10				< 10	
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5			< 0.5				< 0.5	
TETRAHYDROFURAN	UG/L	< 10	< 10			< 10				< 10	
2-BUTANONE	UG/L	< 10	< 10			< 10				< 10	
4-METHYL-2-PENTANONE	UG/L	< 1	< 1			< 1				< 1	
STYRENE	UG/L	< 0.5	< 0.5			< 0.5				< 0.5	
M+P-XYLENE	UG/L	< 0.5	< 0.5			< 0.5				< 0.5	

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 4	< 4			< 2				< 2	
ACENAPHTHYLENE	UG/L	< 4	< 4			< 2				< 2	
ANTHRACENE	UG/L	< 2	< 2			< 1				< 1	
BENZIDINE	UG/L	< 124	< 124			< 62				< 62	
BENZO(A)ANTHRACENE	UG/L	< 4	< 4			< 2				< 2	
BENZO(A)PYRENE	UG/L	< 14	< 14			< 7				< 7	
BENZO(B)FLUORANTHENE	UG/L	< 4	< 4			< 2				< 2	
BENZO(G,H,I)PERYLENE	UG/L	< 12	< 12			< 6				< 6	
BENZO(K)FLUORANTHENE	UG/L	< 4	< 4			< 2				< 2	
BIS(2-CL-ETHOXY)METHANE	UG/L	< 6	< 6			< 3				< 3	
BIS(2-CHLOROETHYL)ETHER	UG/L	< 10	< 10			< 5				< 5	
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 6	< 6			< 3				< 3	
DIETHYLHEXYL PHTHALATE	UG/L	< 20	< 20			5 C				< 10	
4-BROMOPHENYL PHENYLEETHER	UG/L	< 18	< 18			< 9				< 9	
BUTYLBENZYL PHTHALATE	UG/L	< 6	< 6			< 3				< 3	
2-CHLORONAPHTHALENE	UG/L	< 2	< 2			< 1				< 1	
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 4	< 4			< 2				< 2	
CHRYSENE	UG/L	< 4	< 4			< 2				< 2	
DIBENZO(A,H)ANTHRACENE	UG/L	< 12	< 12			< 6				< 6	
1,2-DICHLOROBENZENE	UG/L	< 20	< 20			< 10				< 10	
1,3-DICHLOROBENZENE	UG/L	< 20	< 20			< 10				< 10	
1,4-DICHLOROBENZENE	UG/L	< 4	< 4			< 2				< 2	
3,3'-DICHLOROBENZIDINE	UG/L	< 200	< 200			< 100				< 100	
DIETHYL PHTHALATE	UG/L	< 4	< 4			< 2				< 2	
DIMETHYL PHTHALATE	UG/L	< 6	< 6			< 3				< 3	
DI-N-BUTYL PHTHALATE	UG/L	< 8	< 8			< 4				< 4	
2,4-DINITROTOLUENE	UG/L	< 6	< 6			< 3				< 3	
2,6-DINITROTOLUENE	UG/L	< 10	< 10			< 5				< 5	

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ40008	SJ40009	SJ45022	SJ50090	SJ50094	SJ54680	SJ54684	SJ59576	SJ59581	SJ63823
		07/07/92	07/07/92	10/07/92	01/04/93	01/04/93	03/30/93	03/30/93	07/07/93	07/07/93	10/04/93
<b>ACID-BASE NEUTRAL EXTRACTABLE</b>											
DI-N-OCTYL PHTHALATE	UG/L	< 10	< 10			< 5			< 5		
1,2-DIPHENYLHYDRAZINE	UG/L	< 2	< 2			< 1			< 1		
FLUORANTHENE	UG/L	< 4	< 4			< 2			< 2		
FLUORENE	UG/L	< 4	< 4			< 2			< 2		
HEXACHLOROBENZENE	UG/L	< 2	< 2			< 1			< 1		
HEXACHLOROBUTADIENE	UG/L	< 20	< 20			< 10			< 10		
HEXACHLOROCYCLOPENTADIENE	UG/L	< 200	< 200			< 100			< 100		
HEXACHLOROETHANE	UG/L	< 24	< 24			< 12			< 12		
INDENO(1,2,3-C,D)PYRENE	UG/L	< 12	< 12			< 6			< 6		
ISOPHORONE	UG/L	< 6	< 6			< 3			< 3		
NAPHTHALENE	UG/L	< 4	< 4			< 2			< 2		
NITROBENZENE	UG/L	< 4	< 4			< 2			< 2		
N-NITROSODIMETHYLAMINE	UG/L	< 60	< 60			< 30			< 30		
N-NITROSODI-N-PROPYLAMINE	UG/L	< 4	< 4			< 2			< 2		
PHENANTHRENE	UG/L	< 2	< 2			< 1			< 1		
PYRENE	UG/L	< 4	< 4			< 2			< 2		
2,3,7,8-TCDD	UG/L	< 6	< 6			< 3			< 3		
2-CHLOROPHENOL	UG/L	< 16	< 16			< 8			< 8		
1,2,4-TRICHLOROBENZENE	UG/L	< 6	< 6			< 3			< 3		
2,4-DICHLOROPHENOL	UG/L	< 6	< 6			< 3			< 3		
2,4-DIMETHYLPHENOL	UG/L	< 6	< 6			< 3			< 3		
2,4-DINITROPHENOL	UG/L	< 78	< 78			< 39			< 39		
2-METHYL-4,6DINITROPHENOL	UG/L	< 34	< 34			< 17			< 17		
2-NITROPHENOL	UG/L	< 10	< 10			< 5			< 5		
4-NITROPHENOL	UG/L	< 12	< 12			< 6			< 6		
4-CHLORO-3-METHYLPHENOL	UG/L	< 4	< 4			< 2			< 2		
PENTACHLOROPHENOL	UG/L	< 32	< 32			< 16			< 16		
PHENOL	UG/L	< 6	< 2 C			< 3			< 3		
2,4,6-TRICHLOROPHENOL	UG/L	< 4	< 4			< 2			< 2		
N-NITROSODIPHENYLAMINE	UG/L	< 4	< 4			< 2			< 2		

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M25A SJ63828 10/04/93	WEFI M25A SJ70702 01/14/94	WELL M25A SJ70707 01/14/94	WEFI M25A SJ74414 04/01/94	WELL M25A SJ74417 04/01/94	WEFI M25A SJ79243 07/20/94	WELL M25A SJ79247 07/20/94	WEFI M25A SJ82431 10/03/94	WELL M25A SJ82436 10/03/94
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FIELD PARAMETERS

DEPTH TO WATER	FT	41.0		42.0		45.0		41.9		42.15
DEPTH TO BOTTOM	FT	80.5		80.5		80.5		80.5		80.26
PERCENT METHANE IN GAS	%CH4	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	20		20		20		17		18
FIELD WATER TEMPERATURE	DEG C	20		18.5		21		22		19.4
FIELD PH	PH	6.65		6.79		6.52		6.45		6.56
FIELD CONDUCTIVITY	UMHOS/CM	3080		3930		3460		3590		3290
FIELD DISSOLVED O2	MG/L	2.10		2.50		2.20		2.1		2.5
FIELD DISSOLVED CO2	MG/L	110.4		86.9		322.7		145.5		15.8
FIELD TOTAL ALKALINITY	MG/L	656		658		696		656		610
FIELD HYDROGEN SULFIDE	PPM	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1

GENERAL

PH	PH	7.08		7.48		7.14		6.80		7.40
CONDUCTIVITY	UMHOS/CM	4410		4730		463		4650		4710
SUSPENDED SOLIDS	MG/L	1073 D		15300		6514		692		2433
TOTAL DISSOLVED SOLIDS	MG/L	3956		4284		2176		4749		4592
GROSS ALPHA RADIOACTIVITY	PCI/L			29				11.9		24.4
GROSS BETA RADIOACTIVITY	PCI/L			49				47.3		42.1

ANIONS

NITRATE NITROGEN	MG/L N	0.05		0.03		0.05		< 0.02		< 0.02
SULFATE	MG/L SO4	2180	2160	2360		2070		2370		2400
CHLORIDE	MG/L CL	300	291	326		269		299		300
TOTAL ALKALINITY	MG/L K	710		930		1020		576		1440 A
BICARBONATE ALKALINITY	MG/L CAC03	710 G		930		1020		576		1440
TOTAL SULFIDE	MG/L S	< 0.1		< 0.1		< 0.1		< 0.1		

CATIONS

CALCIUM-HARDNESS	MG/L CAC03	1920	1470	2040	1490	2490 E	1590	1730	1610	1590
MAGNESIUM-HARDNESS	MG/L CAC03	1410	1230	1530	1180	1640 E	1240	1290	1300	1500
SODIUM	MG/L NA	188	182	191	183	187 E	187	183	191	182
POTASSIUM	MG/L K	46.8	34.2	55.3	33.1	68.5 E	33.4	38.7	35.1	51.5
IRON	MG/L FE		2.72	114			0.42 H	28.7	1.69	94.1
MANGANESE	MG/L MN		0.57	1.31			0.66 H	0.82	0.53	1.49

ORGANIC MATTER

AMMONIA NITROGEN	MG/L N	13.0		1.4		0.5		1.4		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	19.1 G		16.0		23.8		4.1		

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ63828	SJ70702	SJ70707	SJ74414	SJ74417	SJ79243	SJ79247	SJ82431	SJ82436	
		10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94	
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	< 1		< 0.7		< 0.7 D		< 0.7			2 D
SOLUBLE COD	MG/L O	106		112 A		109		109			102
TOTAL ORGANIC CARBON	MG/L C	120		200 E		280 E		72			150
OIL & GREASE	MG/L EXTRAC	2.1		< 0.9		< 0.9		< 0.9			
HYDROCARBONS-MODIFIED8015	MG/L HC										< 0.3
TOTAL ORGANIC HALOGEN(TOX	UG/L	< 40		60 F		22 F		31 I			
<b>METALS</b>											
ARSENIC	MG/L AS	0.032	0.003	0.197	0.002	0.087	0.002	0.012	0.003		0.368
BARIUM	MG/L BA	1.58	0.05	1.49	0.05	2.63 E	0.03	0.35	0.04		1.25
CADMIUM	MG/L CD	0.01	<0.005	0.017	<0.003	0.031 E	<0.003	0.004	<0.003		<0.003
TOTAL CHROMIUM	MG/L CR	0.41	< 0.02	0.39	< 0.01	0.59 E	< 0.01	0.07	< 0.01		0.35
HEXAVALENT CHROMIUM	MG/L CR			<.0016				< 0.02			
COPPER	MG/L CU		< 0.02	0.19			< 0.01 H	0.04	< 0.01		0.21
LEAD	MG/L PB	0.04	< 0.04	< 0.04	< 0.02	0.08 E	< 0.02	< 0.02	< 0.02		0.04
MERCURY	MG/L HG	.0002	<.0001	.0002	<.0001	.0005	<.0001	<.0001	<.0001		.0004
NICKEL	MG/L NI		< 0.03	0.24			< 0.02 H	0.06	< 0.02		0.26
SELENIUM	MG/L SE	0.032	0.022	0.159	0.001	0.062	0.001	0.007	0.001		0.223
SILVER	MG/L AG	<0.005	<0.005	<0.005	< 0.01	< 0.01 E	< 0.01	< 0.01	< 0.01		< 0.01
ZINC	MG/L ZN		0.03	0.47			< 0.01 H	0.12	< 0.01		0.48
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L			0.01				< 0.01			< 0.01
PP'-DDD	UG/L			0.01				< 0.01			< 0.01
PP'-DDT	UG/L			< 0.01				< 0.01			< 0.01
ALPHA-BHC	UG/L			< 0.01				< 0.01			< 0.01
LINDANE (GAMMA-BHC)	UG/L			< 0.01				< 0.01			< 0.01
HEPTACHLOR	UG/L			< 0.01				< 0.01			< 0.01
HEPTACHLOR EPOXIDE	UG/L			< 0.01				< 0.01			< 0.01
ALDRIN	UG/L			< 0.01				< 0.01			< 0.01
DIELDRIN	UG/L			< 0.01				< 0.01			< 0.01
ENDRIN	UG/L			< 0.01				< 0.01			< 0.01
TOXAPHENE	UG/L			< 0.5				< 0.5			< 0.5
AROCLOR 1242	UG/L			< 0.1				< 0.1			< 0.1
AROCLOR 1254	UG/L			< 0.05				< 0.05			< 0.05
BETA-BHC	UG/L			< 0.01				< 0.01			< 0.01
DELTA-BHC	UG/L			< 0.01				< 0.01			< 0.01
CIS-CHLORDANE	UG/L			< 0.01				< 0.01			< 0.01
TRANS-CHLORDANE	UG/L			< 0.01				< 0.01			< 0.01
TRANS-NONACHLOR	UG/L			< 0.01				< 0.01			< 0.01
OXYCHLORDANE	UG/L			< 0.01				< 0.01			< 0.01

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-ENDED TEST RESULT I-10% RULE EXCEEDED

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ63828	SJ70702	SJ70707	SJ74414	SJ74417	SJ79243	SJ79247	SJ82431	SJ82436
		10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

CONSTITUENT	UNITS	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A
TOTAL DETECTED CHLORDANES	UG/L				B			B	
ENDOSULFAN I	UG/L			< 0.01				< 0.01	< 0.01
ENDOSULFAN II	UG/L			< 0.01				< 0.01	< 0.01
ENDOSULFAN SULFATE	UG/L			< 0.1				< 0.1	< 0.1
ENDRIN ALDEHYDE	UG/L			< 0.01				< 0.01	< 0.01
AROCLOR 1016	UG/L			< 0.1				< 0.1	< 0.1
AROCLOR 1221	UG/L			< 0.1				< 0.1	< 0.1
AROCLOR 1232	UG/L			< 0.1				< 0.1	< 0.1
AROCLOR 1248	UG/L			< 0.1				< 0.1	< 0.1
AROCLOR 1260	UG/L			< 0.1				< 0.1	< 0.1
TECHNICAL CHLORDANE	UG/L			< 0.05				< 0.05	< 0.05

VOLATILE ORGANIC COMPOUNDS

CONSTITUENT	UNITS	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A	WELL M25A	WEFI M25A
METHYLENE CHLORIDE	UG/L	< 1.0		< 1.0		< 1.0		< 1.0	< 1.0
CHLOROFORM	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.3 E		< 0.3		< 0.3		< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.3 E		< 0.3		< 0.3		< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.5 E		< 0.5		< 0.5		< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
O-DICHLOROETHENE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
M-DICHLOROETHENE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
P-DICHLOROETHENE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
BENZENE	UG/L	< 0.3 E		< 0.3		< 0.3		< 0.3	< 0.3
TOLUENE	UG/L	< 0.3 E		< 0.3		< 0.3		< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
O-XYLENE	UG/L			< 0.5		< 0.5		< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.3		< 0.3		< 0.3		< 0.3	< 0.3
BROMOMETHANE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	< 2.5
2-CHLOROETHYL VINYL ETHER	UG/L	< 1.0		< 1.0		< 1.0		< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5		< 2.5		< 2.5		< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5		< 0.5		< 0.5		< 0.5	< 0.5

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-AMENDED TEST RESULT I-10% RULE EXCEEDED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ63828	SJ70702	SJ70707	SJ74414	SJ74417	SJ79243	SJ79247	SJ82431	SJ82436
		10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94

VOLATILE ORGANIC COMPOUNDS

TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TETRAHYDROFURAN	UG/L	< 20	< 20	< 20	< 20	< 20	< 20
M+P-XYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
ANTHRACENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 2
BENZIDINE	UG/L	< 62	< 62	< 62	< 62	< 62	< 124
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7	< 7	< 14
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
BENZO(G,H,I)PERYLENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 12
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3	< 3	< 6
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5	< 5	< 10
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3	< 3	< 6
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 10	< 10	< 10	< 10	< 20
4-BROMOPHENYL PHENYLEETHER	UG/L	< 9	< 9	< 9	< 9	< 9	< 18
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 6
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 2
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
CHRYSENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 12
1,2-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 20
1,3-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 20
1,4-DICHLOROBENZENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100	< 100	< 100	< 100	< 200
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 6
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 4	< 4	< 8
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3	< 3	< 6
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5	< 5	< 10
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 5	< 5	< 10
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 1	< 1	< 1	< 2
FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
FLUORENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 4
HEXACHLOROBENZENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 2
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 20
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100	< 100	< 100	< 100	< 200

FOOTNOTES : A-DUP & SPIKE B-ND = NONE DETECTED C-VALUE <MDL, >IDL D-AVERAGE OF DUPS E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER G-CALCULATED VALUE H-UNDETECTED TEST RESULT I-10% RULE EXCEEDED

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A	M25A
		SJ63828	SJ70702	SJ70707	SJ74414	SJ74417	SJ79243	SJ79247	SJ82431	SJ82436
		10/04/93	01/14/94	01/14/94	04/01/94	04/01/94	07/20/94	07/20/94	10/03/94	10/03/94
ACID-BASE NEUTRAL EXTRACTABLE										
HEXACHLOROETHANE	UG/L			< 12				< 12		< 24
INDENO(1,2,3-C,D)PYRENE	UG/L			< 6				< 6		< 12
ISOPHORONE	UG/L			< 3				< 3		< 6
NAPHTHALENE	UG/L			< 2				< 2		< 4
NITROBENZENE	UG/L			< 2				< 2		< 4
N-NITROSODIMETHYLAMINE	UG/L			< 30				< 30		< 60
N-NITROSODI-N-PROPYLAMINE	UG/L			< 2				< 2		< 4
PHENANTHRENE	UG/L			< 1				< 1		< 2
PYRENE	UG/L			< 2				< 2		< 4
2,3,7,8-TCDD	UG/L			< 3				< 3		< 6
2-CHLOROPHENOL	UG/L			< 8				< 8		< 16
1,2,4-TRICHLOROBENZENE	UG/L			< 3				< 3		< 6
2,4-DICHLOROPHENOL	UG/L			< 3				< 3		< 6
2,4-DIMETHYLPHENOL	UG/L			< 3				< 3		< 6
2,4-DINITROPHENOL	UG/L			< 39				< 39		< 78
2-METHYL-4,6DINITROPHENOL	UG/L			< 17				< 17		< 34
2-NITROPHENOL	UG/L			< 5				< 5		< 10
4-NITROPHENOL	UG/L			< 6				< 6		< 12
4-CHLORO-3-METHYLPHENOL	UG/L			< 2				< 2		< 4
PENTACHLOROPHENOL	UG/L			< 16				< 16		< 32
PHENOL	UG/L			< 3				< 3		< 6
2,4,6-TRICHLOROPHENOL	UG/L			< 2				< 2		< 4
N-NITROSODIPHENYLAMINE	UG/L			< 2				< 2		< 4

FOOTNOTES : A-DUP & SPIKE      B-ND = NONE DETECTED      C-VALUE <MDL, >IDL      D-AVERAGE OF DUPS      E-DUPLICATE SPIKE  
 F-CHECK NOTES TO USER      G-CALCULATED VALUE      H-AMENDED TEST RESULT      I-10% RULE EXCEEDED



## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M25A	880314 SJ52340	VOC'S BY MONTGOMERY LABS 3/28/88; #257 @ LBTPPL. 204=B&C
M25A	880623 SJ56338	VOC'S 6/29/88; ABN EXT 6/28/88, INJ 7/5/88;
M25A	880909 SJ59407	VOC'S 9/19/88; BAN EXTRACTED 9/15/88, ANALYZED 10/15/88, MATRIX EFFECT CONFIRMED;
M25A	881219 SJ62745	314 AT VAL.; VOCs 12/22/88; 408 POM R&D/JP
M25A	890327 SJ73042	VOC'S 3/28/89; 408 RUN BY POM R&D, 314 AT VAL.
M25A	890615 SJ76022	312 RUN BY POM R&D VOC'S 6/26/89 403, 404 TO LCTPL /HK REQUEST 06/28/89
M25A	890913 SJ79477	312=B&C, 313, 314=VALTPL VOC'S 9/14/89
M25A	891204 SJ83229	314=VALTPL, 312, 408=POMR/D, 257=LBTPPL VOC'S 12/4/89
M25A	900305 SJ92365	312, 314=POMR/D, 301=LBTPPL VOC'S 3/6/90
M25A	900604 SJ97316	204, 314=POMR/D, 257, 301=LB VOC's 6/5/90

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M25A	900910 SJ01998	408=WN,257,301=LB,204,312,314=POMR/D VOC'S: 9/12/90
M25A	901213 SJ06999	257,301=SJCTPL JWPCP, ARSENIC AND SELENIUM VOC's 12/14/90
M25A	910117 SJ10809	257,301=LB,201,203,204=POMR/D MONTGOMERY LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY = <0.03MG/L AND THALLIUM = <0.005MG/L VOC'S MONTGOMERY LABS 370 & 371 BY TMA TESTS 370: +/- 16; 371: +/- 8 BNA EXT 01-24-91 INJ 01-30-91 BNA FOOTNOTE 35
M25A	910328 SJ13832	257,301=LB TOX; BROWN & CALDWELL VOC's 3/29/91
M25A	910709 SJ18673	404=POMR/D TOX & VOA = MONTGOMERY LABS 705, 720 = BROWN & CALDWELL RADIOACTIVITY ANALYZED BY MONTGOMERY LABS GROSS ALPHA 2SIGMA = 10 GROSS BETA 2SIGMA = 11 BNA EXT 07-16-91 INJ 07-20-91 TESTS CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M25A	911008 SJ23697	VOC's 10/10/91
M25A	911231 SJ28677	TEST CODE 710; SAMPLE 48 HRS OLD - PAST HOLDING TIME. ALPHA/2 SIGMA= 6.5, BETA/2SIGMA = 5.6 BNA EXT 01-06-92 INJ 01-13-92
M25A	920327 SJ34651	VOC's 3/30/92

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M25A WELL	070792 SJ40008	370 - ALPHA, TWO SIGMA ERROR 17 PCI/L 371 - BETA, TWO SIGMA ERROR 13 PCI/L BNA EXT 08-04-92 INJ 08-15-92 BNA RESET PAST HOLDING TIME. RESET DATA REPORTED.
M25A WELL	070792 SJ40009	370 - ALPHA, TWO SIGMA ERROR = 9.7 PCI/L 371 - BETA, TWO SIGMA ERROR = 11 PCI/L BNA EXT 07-09-92 INJ 07-15-92 BLANK 855: 1 UG/L BNA MATRIX INTERFERENCE NOT CONFIRMED.
M25A WELL	100792 SJ45022	VOC's 10/08/92
M25A WELL	010493 SJ50094	ML REPORT #4823; VOLATILE ORGANICS. ML REPORT #4824; TEST 410 (TOX). ML REPORT #4822; ALPHA & BETA ALPHA 2 SIGMA +/- 6.3 PCI/L, BETA 2 SIGMA +/- 5.3 PCI/L BNA EXT 01-06-93 INJ 01-12-93 BNA FOOTNOTE: #35 BNA MATRIX INTERFERENE CONFIRMED.
M25A WELL	033093 SJ54684	ML REPORT #6282; TOX VOC's 03/31/93
M25A WELL	070793 SJ59581	OIL AND GREASE:CENTRIFUGED ML REPORT #7938; TEST 410 (TOX), ALPHA & BETA, VOLATILE ORGANICS. ALPHA 2 SIGMA +/- 12 PCI/L, BETA 2 SIGMA +/- 8.7 PCI/L. BNA EXT 7-12-93 INJ 7-30-93 BNA MI CONFIRMED
M25A WELL	100493 SJ63828	ML REPORT #9736; TEST 410 (TOX). VOCs 10/13/93
M25A WELL	011494 SJ70707	TOX: 10% RULE EXCEEDED ML REPORT #11493; ALPHA & BETA. ALPHA 2 SIGMA +/- 8.0 PCI/L, BETA 2 SIGMA +/- 7.4 PCI/L. VOCs 01/18/94 BNA EXT 01-20-94 INJ 02-14-94 BNA MI CONFIRMED.
M25A WELL	040194 SJ74417	TOX:10% RULE EXCEEDED VOCs 04/06/94
M25A WEFI	072094 SJ79243	HEADER INFORMATION MODIFIED ON 09/19/94

LABORATORY NOTES

LOCATION TYPE	DATE/ JOB	NOTES
M25A WELL	072094 SJ79247	ML REPORT #14582; ALPHA & BETA. ALPHA 2 SIGMA +/- 15.5 PCI/L, BETA 2 SIGMA +/- 7.5 PCI/L. VOCs 07/25/94 BNA EXT: 7-25-94 INJ: 8-3-94 MI CONFIRMED BY SPIKE AND DUP SPIKE.
M25A WELL	100394 SJ82436	ML REPORT #16066; ALPHA AND BETA ALPHA 2 SIGMA +/- 15.9 PCI/L; BETA 2 SIGMA +/- 8.5 PCI/L ML REPORT 16389; MOD 8015 VOCs 10/05/94 BNA EXT: 10-04-94 INJ: 10-17-94 BNA MI CONFIRMED

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A SJ54422 05/03/88	M26A SJ54946 05/18/88	M26A SJ56575 06/30/88	M26A SJ59739 09/19/88	M26A SJ62593 12/13/88	M26A SJ71758 02/21/89	M26A SJ73340 04/04/89	M26A SJ75595 06/05/89	M26A SJ79163 09/05/89	M26A SJ83171 12/01/89
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	202.8	200.9	200.0	201.7	199.3	200.2	204	200.2	201.2	199.9
DEPTH TO BOTTOM	FT	> 200	> 200	> 200	> 200	> 200	> 200	> 200	> 200	> 200	230.7
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	21	20	21	21	19	21	21	20	21	21
FIELD WATER TEMPERATURE	DEG C	21	21	24	20	19.5		22	20	22	19.7
FIELD PH	PH	7.18	7.18	7.20	7.19	7.21		7.30	7.02	7.15	7.85
FIELD CONDUCTIVITY	UMHOS/CM	1460	1480	1560	2200	2300		1550	1500	15030	1550
FIELD DISSOLVED O2	MG/L	6.9		5.9	7.3	8.0		5.5	6.6	5.5	5.8
FIELD DISSOLVED CO2	MG/L	26.9		27	56.8	38.5		38.5	31.7	41.1	22.18
FIELD TOTAL ALKALINITY	MG/L	294		330	438	368		298	292	300	298
FIELD HYDROGEN SULFIDE	PPM	< 0.1		< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	7.40		7.30	7.25	7.41	7.48 B	7.58	7.55	7.75	7.2
CONDUCTIVITY	UMHOS/CM	1510		1500	2100	1860	1540	1315	1125	1200	1550
SUSPENDED SOLIDS	MG/L	83		40	69	41 B	29	129	113	90	70 B
TOTAL DISSOLVED SOLIDS	MG/L	1050		997	1495	1440	1040	1080	1070	1070 A	1006 B
TOTAL HARDNESS	MG/L CaCO3					798		609	503	543	570
PHENOLS	MG/L C6H5OH					0.001		<0.001	<0.001	<0.001	<0.001
BORON	MG/L B					0.53		0.30	0.29	0.32	0.35
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	5.1		8.7	18	13.24	6.3 A	5.9	7.22	6.3	6.18
SULFATE	MG/L SO4	192		227	367	350	234	237	220	240	218
CHLORIDE	MG/L CL	171 A		176	213	214	182	172 A	160	163	156
TOTAL PHOSPHATE	MG/L PO4					2.2		6.3	7.2	5.3 A	5.8
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	279		354	410	370	320	320	258	275	297
MAGNESIUM-HARDNESS	MG/L CaCO3	256		318	457	428	282	289	245	268	273
SODIUM	MG/L NA	117		148	165	155	129	115	121	122	118
POTASSIUM	MG/L K	7		4.6	5.5	4.6	5.8	5.0	5.60	6	6
IRON	MG/L FE	14.8 A		5.78	18.5	4.31	17.9	24.6	20.4	13.5	10.5
MANGANESE	MG/L MN	0.16 A		0.08	0.12	0.06	0.16	0.16	0.18	0.15	0.12
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N					0.92		< 0.1 A	< 0.1	< 0.1	< 0.1 C
SOLUBLE BOD	MG/L O	< 1		2.0	< 1	< 1	< 1	2	1	< 1 B	< 1 B
TOTAL COD	MG/L O					20.7		10	33	12	9 A

FOOTNOTES : A-DUP & SPIKE B-AVERAGE OF DUPS C-DUPLICATE SPIKE D-CALCULATED VALUE E-ND = NONE DETECTED  
 F-AMENDED TEST RESULT G-VALUE <MDL, >IDL

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ54422 05/03/88	WELL M26A SJ54946 05/18/88	WELL M26A SJ56575 06/30/88	WELL M26A SJ59739 09/19/88	WELL M26A SJ62593 12/13/88	WELL M26A SJ71758 02/21/89	WELL M26A SJ73340 04/04/89	WELL M26A SJ75595 06/05/89	WELL M26A SJ79163 09/05/89	WELL M26A SJ83171 12/01/89
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	< 1.0		20.3	236	7.7	20	39	6.6	9.0	6 A
TANNIN & LIGNIN	MG/L					0.02		0.51			
OIL & GREASE	MG/L EXTRAC					< 1		< 1	1.0	< 1.0	< 1
ACETIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
<b>METALS</b>											
ARSENIC	MG/L AS	0.019		0.010	0.013	0.007	0.018	0.057	0.042	0.037	0.029
BARIUM	MG/L BA	0.24 A		0.16	0.15		0.16				
CADMIUM	MG/L CD	0.02 A		0.02	0.03	0.02	0.02	0.03	0.01	0.02	0.01
TOTAL CHROMIUM	MG/L CR	2.52 A		0.74	0.05	0.44	2.73	4.47	4.25	2.29	2.28
HEXAVALENT CHROMIUM	MG/L CR	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
COPPER	MG/L CU	0.05 A		0.07	0.05	< 0.02	0.05	0.08	0.06	0.05	0.05
LEAD	MG/L PB	< 0.1 A	< 0.01	< 0.010	< 0.04	< 0.04	< 0.04	< 0.04	0.12	0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.48 A		0.45	0.63	0.34	0.59	0.56	0.39	0.46	0.47
SELENIUM	MG/L SE	0.002		0.002	0.001	0.002	0.001	0.047	0.053	0.042	0.042
SILVER	MG/L AG	0.006 A		0.010	<0.005		<0.005				
ZINC	MG/L ZN	0.10 A		0.04	0.10	0.04	0.10	0.07	0.05	0.04	0.03
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 1.0	< 0.5	9.0	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROFORM	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TETRACHLOROETHYLENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-DICHLOROENZENE	UG/L		< 0.5			< 0.50		< 0.5	< 0.5	< 0.5	< 0.5
M-DICHLOROENZENE	UG/L		< 0.5			< 0.50		< 0.5	< 0.5	< 0.5	< 0.5
P-DICHLOROENZENE	UG/L		< 0.5			< 0.50		< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

FOOTNOTES : A-DUP & SPIKE B-AVERAGE OF DUPS C-DUPLICATE SPIKE D-CALCULATED VALUE E-ND = NONE DETECTED  
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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A SJ54422 05/03/88	M26A SJ54946 05/18/88	M26A SJ56575 06/30/88	M26A SJ59739 09/19/88	M26A SJ62593 12/13/88	M26A SJ71758 02/21/89	M26A SJ73340 04/04/89	M26A SJ75595 06/05/89	M26A SJ79163 09/05/89	M26A SJ83171 12/01/89
<b>VOLATILE ORGANIC COMPOUND</b>											
1,1,2-TRICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-DICHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TOLUENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ETHYL BENZENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 5.0	< 2.5	< 2.5	< 2.5	< 1.0	< 5.0	< 5.0	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5
2-CHLOROETHYLVINYLETHER	UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ACETONE	UG/L	< 20	< 10	< 10	< 10	< 1.0	< 10	< 10	< 10	260	< 10
CIS-1,2-DICHLOROETHYLENE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-BUTANONE	UG/L	< 20	< 10	< 10	< 10	< 1.0	< 10	< 10	< 10	< 5.0	< 10
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
ACENAPHTHYLENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
ANTHRACENE	UG/L	< 0.1		< 0.1	< 0.1		< 5.0				
BENZIDINE	UG/L	< 1.1		< 1.1	< 1.1		< 20.0				
BENZO(A)ANTHRACENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
BENZO(A)PYRENE	UG/L	< 0.3		< 0.3	< 0.3		< 5.0				
BENZO(B)FLUORANTHENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
BENZO(G,H,I)PERYLENE	UG/L	< 0.4		< 0.4	< 0.4		< 5.0				
BENZO(K)FLUORANTHENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
BIS(2-CL-ETHOXY)METHANE	UG/L	< 0.3		< 0.3	< 0.3		< 5.0				
BIS(2-CHLOROETHYL)ETHER	UG/L	< 0.3		< 0.3	< 0.3		< 5.0				
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 0.1		< 0.1	< 0.1		< 10.0				
DIETHYLHEXYL PHTHALATE	UG/L	12.2		7.6	2.4		9.3				
4-BROMOPHENYL PHENYLETHER	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
BUTYLBENZYL PHTHALATE	UG/L	< 0.3		< 0.3	< 0.3		< 5.0				
2-CHLORONAPHTHALENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
4-CHLOROPHENYLPHENYLETHER	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
CHRYSENE	UG/L	< 0.2		< 0.2	< 0.2		< 5.0				
DIBENZO(A,H)ANTHRACENE	UG/L	< 0.9		< 0.9	< 0.9		< 10.0				
1,2-DICHLOROBENZENE	UG/L	< 0.1		< 0.1	< 0.1		< 5.0				
1,3-DICHLOROBENZENE	UG/L	< 0.1		< 0.1	< 0.1		< 5.0				
1,4-DICHLOROBENZENE	UG/L	< 0.1		< 0.1	< 0.1		< 5.0				
3,3'-DICHLOROBENZIDINE	UG/L	< 0.3		< 0.3	< 0.3		< 10.0				

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ54422	SJ54946	SJ56575	SJ59739	SJ62593	SJ71758	SJ73340	SJ75595	SJ79163	SJ83171
		05/03/88	05/18/88	06/30/88	09/19/88	12/13/88	02/21/89	04/04/89	06/05/89	09/05/89	12/01/89

ACID-BASE NEUTRAL EXTRACT

DIETHYL PHTHALATE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
DIMETHYL PHTHALATE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
DI-N-BUTYL PHTHALATE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
2,4-DINITROTOLUENE	UG/L	< 1.2	< 1.2	< 1.2	< 5.0
2,6-DINITROTOLUENE	UG/L	< 1.3	< 1.3	< 1.3	< 5.0
DI-N-OCTYL PHTHALATE	UG/L	< 2.4	< 0.5	< 0.4	< 2.1
1,2-DIPHENYLHYDRAZINE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
FLUORANTHENE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
FLUORENE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
HEXACHLOROBENZENE	UG/L	< 0.2	< 0.2	< 0.2	< 5.0
HEXACHLOROBUTADIENE	UG/L	< 0.2	< 0.2	< 0.2	< 10.0
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1.3	< 1.3	< 1.3	< 6.0
HEXACHLOROETHANE	UG/L	< 0.7	< 0.7	< 0.7	< 5.0
INDENO(1,2,3-C,D)PYRENE	UG/L	< 0.6	< 0.6	< 0.6	< 5.0
ISOPHORONE	UG/L	< 0.2	< 0.2	< 0.2	< 10.0
NAPHTHALENE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
NITROBENZENE	UG/L	< 0.7	< 0.7	< 0.7	< 6.0
N-NITROSODIMETHYLAMINE	UG/L	< 1.0	< 1.0	< 1.0	< 5.0
N-NITROSODI-N-PROPYLAMINE	UG/L	< 1.0	< 1.0	< 0.4	< 5.0
PHENANTHRENE	UG/L	< 0.1	< 0.1	< 0.1	< 6.0
PYRENE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0
2,3,7,8-TCDD	UG/L	< 0.2	< 0.2	< 0.2	< 10.0
2-CHLOROPHENOL	UG/L	< 0.3	< 0.3	< 0.3	< 5.0
1,2,4-TRICHLOROBENZENE	UG/L	< 0.2	< 0.2	< 0.2	< 5.0
2,4-DICHLOROPHENOL	UG/L	< 0.4	< 0.4	< 0.4	< 7.0
2,4-DIMETHYLPHENOL	UG/L	< 0.6	< 0.6	< 0.6	< 5.0
2,4-DINITROPHENOL	UG/L	< 5.6	< 5.6	< 5.6	< 25.0
2-METHYL-4,6DINITROPHENOL	UG/L	< 3.6	< 3.6	< 3.6	< 15.0
2-NITROPHENOL	UG/L	< 1.0	< 1.0	< 1.0	< 10.0
4-NITROPHENOL	UG/L	< 3.1	< 3.1	< 3.1	< 20.0
4-CHLORO-3-METHYLPHENOL	UG/L	< 1.1	< 1.1	< 1.1	< 6.0
PENTACHLOROPHENOL	UG/L	< 1.1	< 1.1	< 1.1	< 15.0
PHENOL	UG/L	0.4	0.3	0.3	< 5.0
2,4,6-TRICHLOROPHENOL	UG/L	< 0.3	< 0.3	< 0.3	< 6.0
N-NITROSODIPHENYLAMINE	UG/L	< 0.1	< 0.1	< 0.1	< 5.0

FOOTNOTES : A-DUP & SPIKE B-AVERAGE OF DUPS C-DUPLICATE SPIKE D-CALCULATED VALUE E-ND = NONE DETECTED  
 F-AMENDED TEST RESULT G-VALUE <MDL, >IDL



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ92386 03/06/90	WELL M26A SJ98059 06/18/90	WELL M26A SJ02392 09/17/90	WELL M26A SJ06438 12/03/90	WELL M26A SJ10810 01/17/91	WELL M26A SJ11908 02/11/91	WELL M26A SJ13157 03/11/91	WELL M26A SJ13953 04/02/91	WELL M26A SJ15649 05/08/91	WELL M26A SJ17014 06/04/91
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	199.0	198.4	199.9	201.4	200.3	199.9	198.3	199.0	188	188.0
DEPTH TO BOTTOM	FT	230.7	230.7	230.7	230.6	230.6	230.6	230.6	230.6	230.6	230.6
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	21	20	19	19	19	16	19	20	19	20
FIELD WATER TEMPERATURE	DEG C	21	23	21	20	21	22	20	23	21	22
FIELD PH	PH	7.41	7.20	7.59	6.95	7.10	7.30	7.0	7.42	7.15	7.35
FIELD CONDUCTIVITY	UMHOS/CM	1700	1700	1700	1550	1645	1625	1675	1750	1750	1540
FIELD DISSOLVED O2	MG/L	8.8	7.0	8.9	5.8	6.5	9.1	6.4	6.5	4.30	7.5
FIELD DISSOLVED CO2	MG/L	20.1	35.11	15.0	31.7	28.2	30.0	77.0	47.9	24.64	25.9
FIELD TOTAL ALKALINITY	MG/L	288	312	288	308	342	330	324	324	312	322
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
<b>GENERAL</b>											
PH	PH	7.68	7.85	7.42	7.52	7.90	7.58 F	7.4 F	8.28 B	7.60 F	7.64
CONDUCTIVITY	UMHOS/CM	1575	1550	1600	1620	1690	1650 F	1700 F	1580	1600 F	1600
SUSPENDED SOLIDS	MG/L	58	95	198	118						
TOTAL DISSOLVED SOLIDS	MG/L	1050	1050	1070	1019	1084	1063 F	1000 F	1029 A	1016 F	979
TOTAL HARDNESS	MG/L CaCO3	554 D	569 D	559 D	530 D						
PHENOLS	MG/L C6H5OH	0.005	0.003	<0.001	<0.001						
BORON	MG/L B	0.18	0.43	0.55	0.47 A						
GROSS ALPHA RADIOACTIVITY	PCI/L					10					
GROSS BETA RADIOACTIVITY	PCI/L					10					
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	4.96	6.30	5.62 B	4.08	8.92			5.62		6.36
SULFATE	MG/L SO4	267	124	226	333	223			196		200
CHLORIDE	MG/L CL	180	230	235	227	191			193		178
TOTAL ALKALINITY	MG/L CaCO3					327			329		326
BICARBONATE ALKALINITY	MG/L CaCO3					327			329		326
TOTAL PHOSPHATE	MG/L PO4	4.9	5.8	11.9	9.2						
TOTAL SULFIDE	MG/L S					< 0.1		< 0.1			< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CaCO3	286	302	297	276	290			307 C		297
MAGNESIUM-HARDNESS	MG/L CaCO3	268	267	262	254	262			258 C		251
SODIUM	MG/L NA	124	127	133	124	265			121 C		124
POTASSIUM	MG/L K	6	6	6	6	5			5 C		5
IRON	MG/L FE	14.5	14.5	43.6	34.3	0.59					
MANGANESE	MG/L MN	0.14	0.15	0.64	0.30	0.02					

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 F-AMENDED TEST RESULT G-VALUE <MDL, >IDL

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ92386 03/06/90	WELL M26A SJ98059 06/18/90	WELL M26A SJ02392 09/17/90	WELL M26A SJ06438 12/03/90	WELL M26A SJ10810 01/17/91	WELL M26A SJ11908 02/11/91	WELL M26A SJ13157 03/11/91	WELL M26A SJ13953 04/02/91	WELL M26A SJ15649 05/08/91	WELL M26A SJ17014 06/04/91
<b>ORGANIC MATTER</b>											
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001			0.1 C		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N					0.14			0.4		0.7
SOLUBLE BOD	MG/L O	< 1	< 1	1	< 1	1			< 1 B		1
TOTAL COD	MG/L O	7	< 3	9	14						
SOLUBLE COD	MG/L O	7	< 3	5	10	< 3					22
TOTAL ORGANIC CARBON	MG/L C					4.6			9		
OIL & GREASE	MG/L EXTRAC	< 1	< 1	2	1.0	< 1	2.3	< 3 F	5.2	1.2 C	2.0
TOTAL ORGANIC HALOGEN(TOX)	UG/L					29			< 80		< 42
ACETIC ACID	MG/L	4.3	< 2.0	< 2.0	< 2.0	< 2.0 C					
PROPIONIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C					
ISOBUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C					
BUTYRIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C					
ISOVALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C					
VALERIC ACID	MG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 C					
<b>METALS</b>											
ARSENIC	MG/L AS	0.022	0.019	0.049	0.038	.0029			.0028		.0033
BARIUM	MG/L BA					0.10			0.10 C		0.09
CADMIUM	MG/L CD	0.02	0.01	0.02	0.02	0.02			0.02 C		0.02
TOTAL CHROMIUM	MG/L CR	2.44	2.22	8.63	6.93	0.12			0.14 C		0.27
HEXAVALENT CHROMIUM	MG/L CR	< 0.02	< 0.02 C	< 0.02	< 0.1	< 0.02					
COPPER	MG/L CU	0.06	0.06	0.12	0.12	0.02					
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04			< 0.04 C		< 0.04
MERCURY	MG/L HG	.0001	<.0001	<.0001 C	<.0001	<.0001			<.0001		<.0001
NICKEL	MG/L NI	0.88	1.06	1.07	1.70	0.25					
SELENIUM	MG/L SE	0.034	0.041	0.041	0.043	0.034			0.032		0.028
SILVER	MG/L AG					<0.005			<0.005 C		<0.005
ZINC	MG/L ZN	0.04	0.03	0.06	0.04	0.04					
<b>PESTICIDES</b>											
PP'-DDE	UG/L					< 0.01					
PP'-DDD	UG/L					< 0.01					
PP'-DDT	UG/L					< 0.01					
ALPHA-BHC	UG/L					< 0.01					
LINDANE (GAMMA-BHC)	UG/L					< 0.01					
HEPTACHLOR	UG/L					< 0.01					
HEPTACHLOR EPOXIDE	UG/L					< 0.01					
ALDRIN	UG/L					< 0.01					

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	
		M26A SJ92386 03/06/90	M26A SJ98059 06/18/90	M26A SJ02392 09/17/90	M26A SJ06438 12/03/90	M26A SJ10810 01/17/91	M26A SJ11908 02/11/91	M26A SJ13157 03/11/91	M26A SJ13953 04/02/91	M26A SJ15649 05/08/91	M26A SJ17014 06/04/91
<b>PESTICIDES</b>											
DIELDRIN	UG/L					< 0.01					
ENDRIN	UG/L					< 0.01					
TOXAPHENE	UG/L					< 1					
AROCLOR 1242	UG/L					< 0.1					
AROCLOR 1254	UG/L					< 0.1					
BETA-BHC	UG/L					< 0.01					
DELTA-BHC	UG/L					< 0.01					
CIS-CHLORDANE	UG/L					< 0.01					
TRANS-CHLORDANE	UG/L					< 0.01					
TRANS-NONACHLOR	UG/L					< 0.01					
OXYCHLORDANE	UG/L					< 0.01					
TOTAL DETECTED CHLORDANES	UG/L									E	
ENDOSULFAN I	UG/L					< 0.01					
ENDOSULFAN II	UG/L					< 0.01					
ENDOSULFAN SULFATE	UG/L					< 0.01					
ENDRIN ALDEHYDE	UG/L					< 0.2					
AROCLOR 1016	UG/L					< 0.1					
AROCLOR 1221	UG/L					< 0.5					
AROCLOR 1232	UG/L					< 0.5					
AROCLOR 1248	UG/L					< 0.1					
AROCLOR 1260	UG/L					< 0.1					
TECHNICAL CHLORDANE	UG/L					< 0.1					
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 1.5	< 2.5	< 0.5	< 1.0	< 5.0	< 0.5	< 1.0	< 1.0	< 0.5	< 1.0
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
P-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.3		< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.3		< 0.3

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PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A SJ92386 03/06/90	M26A SJ98059 06/18/90	M26A SJ02392 09/17/90	M26A SJ06438 12/03/90	M26A SJ10810 01/17/91	M26A SJ11908 02/11/91	M26A SJ13157 03/11/91	M26A SJ13953 04/02/91	M26A SJ15649 05/08/91	M26A SJ17014 06/04/91
<b>VOLATILE ORGANIC COMPOUND</b>											
BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 1.0	< 0.50	< 0.3	< 0.3	< 0.3
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
0-XYLENE	UG/L					< 0.50					
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.3		< 0.3
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 1.0			< 2.5		< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 1.0			< 2.5		< 2.5
2-CHLOROETHYLVINYLETHER	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			< 1.0		< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 1.0			< 2.5		< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.3		< 0.3
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.5		< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.5		< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50			< 0.5		< 0.5
ACROLEIN	UG/L					< 1.0					
ACRYLONITRILE	UG/L					< 1.0					
ACETONE	UG/L	< 10	< 10	< 20	< 20						
2-BUTANONE	UG/L	< 10	< 10	< 20	< 10						
M+P-XYLENE	UG/L					< 0.50					
<b>ACID-BASE NEUTRAL EXTRACT</b>											
ACENAPHTHENE	UG/L					< 2					
ACENAPHTHYLENE	UG/L					< 2					
ANTHRACENE	UG/L					< 1					
BENZIDINE	UG/L					< 62					
BENZO(A)ANTHRACENE	UG/L					< 2					
BENZO(A)PYRENE	UG/L					< 7					
BENZO(B)FLUORANTHENE	UG/L					< 2					
BENZO(G.H.I.)PERYLENE	UG/L					< 6					
BENZO(K)FLUORANTHENE	UG/L					< 2					
BIS(2-CL-ETHOXY)METHANE	UG/L					< 3					
BIS(2-CHLOROETHYL)ETHER	UG/L					< 5					
BIS(2-CL-ISOPROPYL)ETHER	UG/L					< 3					
DIETHYLHEXYL PHTHALATE	UG/L					< 10					
4-BROMOPHENYL PHENYLETHER	UG/L					< 9					
BUTYLBENZYL PHTHALATE	UG/L					< 3					
2-CHLORONAPHTHALENE	UG/L					< 1					
4-CHLOROPHENYLPHENYLETHER	UG/L					< 2					
CHRYSENE	UG/L					< 2					
DIBENZO(A,H)ANTHRACENE	UG/L					< 6					
1,2-DICHLOROBENZENE	UG/L					< 10					
1,3-DICHLOROBENZENE	UG/L					< 10					
1,4-DICHLOROBENZENE	UG/L					< 2					

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ92386	WELL M26A SJ98059	WELL M26A SJ02392	WELL M26A SJ06438	WELL M26A SJ10810	WELL M26A SJ11908	WELL M26A SJ13157	WELL M26A SJ13953	WELL M26A SJ15649	WELL M26A SJ17014
		03/06/90	06/18/90	09/17/90	12/03/90	01/17/91	02/11/91	03/11/91	04/02/91	05/08/91	06/04/91

ACID-BASE NEUTRAL EXTRACT

3,3'-DICHLOROBENZIDINE	UG/L	<	100
DIETHYL PHTHALATE	UG/L	<	2
DIMETHYL PHTHALATE	UG/L	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4
2,4-DINITROTOLUENE	UG/L	<	3
2,6-DINITROTOLUENE	UG/L	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1
FLUORANTHENE	UG/L	<	2
FLUORENE	UG/L	<	2
HEXACHLOROBENZENE	UG/L	<	1
HEXACHLOROBUTADIENE	UG/L	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100
HEXACHLOROETHANE	UG/L	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6
ISOPHORONE	UG/L	<	3
NAPHTHALENE	UG/L	<	2
NITROBENZENE	UG/L	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2
PHENANTHRENE	UG/L	<	1
PYRENE	UG/L	<	2
2,3,7,8-TCDD	UG/L	<	3
2-CHLOROPHENOL	UG/L	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3
2,4-DICHLOROPHENOL	UG/L	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3
2,4-DINITROPHENOL	UG/L	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17
2-NITROPHENOL	UG/L	<	5
4-NITROPHENOL	UG/L	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2
PENTACHLOROPHENOL	UG/L	<	16
PHENOL	UG/L	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2

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PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ18981 07/15/91	WELL M26A SJ20668 08/12/91	WELL M26A SJ22077 09/06/91	WELL M26A SJ23780 10/09/91	WELL M26A SJ26517 11/12/91	WELL M26A SJ27975 12/12/91	WELL M26A SJ30213 01/07/92	WELL M26A SJ31701 02/04/92	WELL M26A SJ31702 02/04/92	WELL M26A SJ33117 03/03/92
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	199.6	188.0	199.4	201.3	201.5	201.7	201.6	201.5		200.9
DEPTH TO BOTTOM	FT	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6		230.6
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	19	15	21	17	19	20	20	20		20
FIELD WATER TEMPERATURE	DEG C	22	21	23	23	22	19	18	20		15
FIELD PH	PH	7.15	7.28	7.10	7.20	7.10	7.00	7.15	7.13		7.70
FIELD CONDUCTIVITY	UMHOS/CM	1620	1990	1850	1850	2500	2850	2650	2600		1700
FIELD DISSOLVED O2	MG/L	6.2	7.05	7.8	5.7	5.0	3.80	4.90	4.9		5.90
FIELD DISSOLVED CO2	MG/L	52.8	25.08	33.44	28.2	100.3	63.4	56.8	75.7		10.03
FIELD TOTAL ALKALINITY	MG/L	354	366	358	446	568	594	596	620		450
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH	8.12 B	7.52 F	7.14 F	7.75	7.33	7.76 F	7.51	7.64 F	7.62 F	7.73 F
CONDUCTIVITY	UMHOS/CM	1580	1800 F	1700 F	2000	2260	1880 F	2260	2310 F	2320 F	1830 F
TOTAL DISSOLVED SOLIDS	MG/L	989	1194 F	1103 F	1372	1706	1693 F	1717 A	1717 F	1739 F	1274 F
GROSS ALPHA RADIOACTIVITY	PCI/L	19						25			
GROSS BETA RADIOACTIVITY	PCI/L	< 1						8.9			
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	6.62			17.1			12.4			
SULFATE	MG/L SO4	180			347			565			
CHLORIDE	MG/L CL	182			222			138			
TOTAL ALKALINITY	MG/L CACO3	338			458			609			
BICARBONATE ALKALINITY	MG/L CACO3	338			458			609			
TOTAL SULFIDE	MG/L S	< 0.1			< 0.1			< 0.1			
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CACO3	271 C			371			496			
MAGNESIUM-HARDNESS	MG/L CACO3	244 C			347			500			
SODIUM	MG/L NA	126 C			163			204			
POTASSIUM	MG/L K	5 C			5			5			
IRON	MG/L FE	1.55 C						0.25			
MANGANESE	MG/L MN	0.02 C						< 0.01			
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	0.1			< 0.1			< 0.1			
TOTAL KJELDAHL NITROGEN	MG/L N	0.6			0.1			1.0			
SOLUBLE BOD	MG/L O	2			1			1			

FOOTNOTES : A-DUP & SPIKE      B-AVERAGE OF DUPS      C-DUPLICATE SPIKE      D-CALCULATED VALUE      E-ND = NONE DETECTED  
 F-AMENDED TEST RESULT      G-VALUE <MDL, >IDL

## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ18981 07/15/91	WELL M26A SJ20668 08/12/91	WELL M26A SJ22077 09/06/91	WELL M26A SJ23780 10/09/91	WELL M26A SJ26517 11/12/91	WELL M26A SJ27975 12/12/91	WELL M26A SJ30213 01/07/92	WELL M26A SJ31701 02/04/92	WELL M26A SJ31702 02/04/92	WELL M26A SJ33117 03/03/92
<b>ORGANIC MATTER</b>											
SOLUBLE COD	MG/L O	56			13			12			
TOTAL ORGANIC CARBON	MG/L C	1.6	2.2	2.0	2.6	3.8	4.4	4.2	4.0	4.3	4.5
OIL & GREASE	MG/L EXTRAC	< 1 C			< 1			< 1			< 1 C
TOTAL ORGANIC HALOGEN(TOX	UG/L	< 40			< 40			43			
<b>METALS</b>											
ARSENIC	MG/L AS	.0019			.0033			.0016			
BARIUM	MG/L BA	0.09 C			0.10			0.07			
CADMIUM	MG/L CD	< 0.01 C			< 0.01			< 0.01			
TOTAL CHROMIUM	MG/L CR	0.21 C			0.24			0.02			
HEXAVALENT CHROMIUM	MG/L CR	< 0.02 C						< 0.02			
COPPER	MG/L CU	< 0.02 C						< 0.02			
LEAD	MG/L PB	< 0.04 C			< 0.04			< 0.04			
MERCURY	MG/L HG	.0009			.0001			<.0001			
NICKEL	MG/L NI	0.28 C						0.17			
SELENIUM	MG/L SE	.0027			0.042			.0028			
SILVER	MG/L AG	<0.005 C			<0.005			<0.005			
ZINC	MG/L ZN	0.04 C						< 0.02			
<b>PESTICIDES</b>											
PP'-DDE	UG/L	< 0.01						< 0.01			
PP'-DDD	UG/L	< 0.01						< 0.01			
PP'-DDT	UG/L	< 0.01						< 0.01			
ALPHA-BHC	UG/L	< 0.01						< 0.01			
LINDANE (GAMMA-BHC)	UG/L	< 0.01						< 0.01			
HEPTACHLOR	UG/L	< 0.01						< 0.01			
HEPTACHLOR EPOXIDE	UG/L	< 0.01						< 0.01			
ALDRIN	UG/L	< 0.01						< 0.01			
DIELDRIN	UG/L	< 0.01						< 0.01			
ENDRIN	UG/L	< 0.01						< 0.01			
TOXAPHENE	UG/L	< 1.0						< 5			
AROCLOR 1242	UG/L	< 0.1						< 0.1			
AROCLOR 1254	UG/L	< 0.1						< 0.1			
BETA-BHC	UG/L	< 0.01						< 0.01			
DELTA-BHC	UG/L	< 0.01						< 0.01			
CIS-CHLORDANE	UG/L	< 0.01						< 0.01			
TRANS-CHLORDANE	UG/L	< 0.01						< 0.01			
TRANS-NONACHLOR	UG/L	< 0.01						< 0.01			
OXYCHLORDANE	UG/L	< 0.01						< 0.01			
TOTAL DETECTED CHLORDANES	UG/L										
ENDOSULFAN I	UG/L	< 0.01						< 0.01			

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A SJ18981 07/15/91	M26A SJ20668 08/12/91	M26A SJ22077 09/06/91	M26A SJ23780 10/09/91	M26A SJ26517 11/12/91	M26A SJ27975 12/12/91	M26A SJ30213 01/07/92	M26A SJ31701 02/04/92	M26A SJ31702 02/04/92	M26A SJ33117 03/03/92
<b>PESTICIDES</b>											
ENDOSULFAN II	UG/L	< 0.01						< 0.01			
ENDOSULFAN SULFATE	UG/L	< 0.01						< 0.01			
ENDRIN ALDEHYDE	UG/L	< 0.2						< 0.01			
AROCLOR 1016	UG/L	< 0.1						< 0.1			
AROCLOR 1221	UG/L	< 0.5						< 0.1			
AROCLOR 1232	UG/L	< 0.5						< 0.1			
AROCLOR 1248	UG/L	< 0.1						< 0.1			
AROCLOR 1260	UG/L	< 0.1						< 0.1			
TECHNICAL CHLORDANE	UG/L	< 0.1						< 0.1			
<b>VOLATILE ORGANIC COMPOUND</b>											
METHYLENE CHLORIDE	UG/L	< 3.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 2.5
CHLOROFORM	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 1.0	< 1.0	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
CHLOROENZENE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5
O-DICHLOROENZENE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
M-DICHLOROENZENE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
P-DICHLOROENZENE	UG/L	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.50			< 0.3			< 0.50			
1,2-DICHLOROETHANE	UG/L	< 0.50			< 0.3			< 0.50			
BENZENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
TOLUENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.50	< 0.3	< 0.3	< 0.3
O-XYLENE	UG/L	< 0.50	F					< 0.50			
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.50			< 0.3			< 0.50			
BROMOMETHANE	UG/L	< 1.0			< 2.5			< 1.0			
CHLOROETHANE	UG/L	< 1.0			< 2.5			< 1.0			
2-CHLOROETHYLVINYLETER	UG/L	< 1.0			< 1.0			< 1.0			
CHLOROMETHANE	UG/L	< 1.0			< 2.5			< 1.0			
1,2-DICHLOROPROPANE	UG/L	< 0.50			< 0.3			< 0.50			
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.50			< 0.5			< 0.50			
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.50			< 0.5			< 0.50			
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.50			< 0.5			< 0.50			

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL	WELL
		M26A SJ18981	M26A SJ20668	M26A SJ22077	M26A SJ23780	M26A SJ26517	M26A SJ27975	M26A SJ30213	M26A SJ31701	M26A SJ31702	M26A SJ33117
VOLATILE ORGANIC COMPOUND											
ACROLEIN	UG/L	< 1.0						< 1.0			
ACRYLONITRILE	UG/L	< 1.0						< 1.0			
FREON 11 (CCL3F)	UG/L	< 1.0 F						< 1.0			
ACETONE	UG/L	< 10 F						< 10.0			
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.50 F						< 0.50			
TETRAHYDROFURAN	UG/L	< 10 F						< 10.0			
2-BUTANONE	UG/L	< 1.0 F						< 1.0			
4-METHYL-2-PENTANONE	UG/L	< 1.0 F						< 1.0			
STYRENE	UG/L	< 0.50 F						< 0.50			
M+P-XYLENE	UG/L	< 0.50 F						< 0.50			
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L	< 2						< 2			
ACENAPHTHYLENE	UG/L	< 2						< 2			
ANTHRACENE	UG/L	< 1						< 1			
BENZIDINE	UG/L	< 62						< 62			
BENZO(A)ANTHRACENE	UG/L	< 2						< 2			
BENZO(A)PYRENE	UG/L	< 7						< 7			
BENZO(B)FLUORANTHENE	UG/L	< 2						< 2			
BENZO(G,H,I)PERYLENE	UG/L	< 6						< 6			
BENZO(K)FLUORANTHENE	UG/L	< 2						< 2			
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3						< 3			
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5						< 5			
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3						< 3			
DIETHYLHEXYL PHTHALATE	UG/L	< 10 G						< 10			
4-BROMOPHENYL PHENYLEETHER	UG/L	< 9						< 9			
BUTYLBENZYL PHTHALATE	UG/L	< 3						< 3			
2-CHLORONAPHTHALENE	UG/L	< 1						< 1			
4-CHLOROPHENYLPHENYLEETHER	UG/L	< 2						< 2			
CHRYSENE	UG/L	< 2						< 2			
DIBENZO(A,H)ANTHRACENE	UG/L	< 6						< 6			
1,2-DICHLOROBENZENE	UG/L	< 10						< 10			
1,3-DICHLOROBENZENE	UG/L	< 10						< 10			
1,4-DICHLOROBENZENE	UG/L	< 2						< 2			
3,3'-DICHLOROBENZIDINE	UG/L	< 100						< 100			
DIETHYL PHTHALATE	UG/L	< 2						< 2			
DIMETHYL PHTHALATE	UG/L	< 3						< 3			
DI-N-BUTYL PHTHALATE	UG/L	< 4						< 4			
2,4-DINITROTOLUENE	UG/L	< 3						< 3			
2,6-DINITROTOLUENE	UG/L	< 5						< 5			
DI-N-OCTYL PHTHALATE	UG/L	< 5						< 5			
1,2-DIPHENYLHYDRAZINE	UG/L	< 1						< 1			

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ18981 07/15/91	WELL M26A SJ20668 08/12/91	WELL M26A SJ22077 09/06/91	WELL M26A SJ23780 10/09/91	WELL M26A SJ26517 11/12/91	WELL M26A SJ27975 12/12/91	WELL M26A SJ30213 01/07/92	WELL M26A SJ31701 02/04/92	WELL M26A SJ31702 02/04/92	WELL M26A SJ33117 03/03/92
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ACID-BASE NEUTRAL EXTRACT

FLUORANTHENE	UG/L	<	2					<	2		
FLUORENE	UG/L	<	2					<	2		
HEXACHLOROBENZENE	UG/L	<	1					<	1		
HEXACHLOROBUTADIENE	UG/L	<	10					<	10		
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100					<	100		
HEXACHLOROETHANE	UG/L	<	12					<	12		
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6					<	6		
ISOPHORONE	UG/L	<	3					<	3		
NAPHTHALENE	UG/L	<	2					<	2		
NITROBENZENE	UG/L	<	2					<	2		
N-NITROSODIMETHYLAMINE	UG/L	<	30					<	30		
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2					<	2		
PHENANTHRENE	UG/L	<	1					<	1		
PYRENE	UG/L	<	2					<	2		
2,3,7,8-TCDD	UG/L	<	3					<	3		
2-CHLOROPHENOL	UG/L	<	8					<	8		
1,2,4-TRICHLOROBENZENE	UG/L	<	3					<	3		
2,4-DICHLOROPHENOL	UG/L	<	3					<	3		
2,4-DIMETHYLPHENOL	UG/L	<	3					<	3		
2,4-DINITROPHENOL	UG/L	<	39					<	39		
2-METHYL-4,6DINITROPHENOL	UG/L	<	17					<	17		
2-NITROPHENOL	UG/L	<	5					<	5		
4-NITROPHENOL	UG/L	<	6					<	6		
4-CHLORO-3-METHYLPHENOL	UG/L	<	2					<	2		
PENTACHLOROPHENOL	UG/L	<	16					<	16		
PHENOL	UG/L	<	3					<	3		
2,4,6-TRICHLOROPHENOL	UG/L	<	2					<	2		
N-NITROSODIPHENYLAMINE	UG/L	<	2					<	2		

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## COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

## WATER QUALITY MONITORING DATA

## PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL
		M26A SJ34695 03/30/92	M26A SJ36937 05/07/92	M26A SJ38337 06/04/92

## FIELD PARAMETERS

DEPTH TO WATER	FT	200.9	200	201.1
DEPTH TO BOTTOM	FT	230.6	230.6	230.6
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1
PERCENT OXYGEN IN GAS	%O2	20	20	17
FIELD WATER TEMPERATURE	DEG C	21	21	22
FIELD PH	PH	7.16	7.0	7.45
FIELD CONDUCTIVITY	UMHOS/CM	2600	2500	2250
FIELD DISSOLVED O2	MG/L	4.9	4.60	6.65
FIELD DISSOLVED CO2	MG/L	56.8	29.9	24.6
FIELD TOTAL ALKALINITY	MG/L	628	592	540
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1

## GENERAL

PH	PH	7.68 B	7.80	7.62
CONDUCTIVITY	UMHOS/CM	2350	2290	2120
TOTAL DISSOLVED SOLIDS	MG/L	1675	1711 A	1423

## ANIONS

NITRATE NITROGEN	MG/L N	16.5		
SULFATE	MG/L SO4	528		
CHLORIDE	MG/L CL	133		
TOTAL ALKALINITY	MG/L CACO3	630		
BICARBONATE ALKALINITY	MG/L CACO3	630		
TOTAL SULFIDE	MG/L S	< 0.1 B		

## CATIONS

CALCIUM-HARDNESS	MG/L CACO3	455		
MAGNESIUM-HARDNESS	MG/L CACO3	456		
SODIUM	MG/L NA	210		
POTASSIUM	MG/L K	5		

## ORGANIC MATTER

AMMONIA NITROGEN	MG/L N	< 0.01		
TOTAL KJELDAHL NITROGEN	MG/L N	0.98		
SOLUBLE BOD	MG/L O	1		
SOLUBLE COD	MG/L O	9		
TOTAL ORGANIC CARBON	MG/L C	3.6	3.9	3.2
OIL & GREASE	MG/L EXTRAC	< 1		
TOTAL ORGANIC HALOGEN(TOX	UG/L	< 40		

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ34695 03/30/92	WELL M26A SJ36937 05/07/92	WELL M26A SJ38337 06/04/92
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METALS

METALS

ARSENIC	MG/L AS	.0029		
BARIUM	MG/L BA	0.05		
CADMIUM	MG/L CD	< 0.01		
TOTAL CHROMIUM	MG/L CR	0.11		
LEAD	MG/L PB	< 0.04		
MERCURY	MG/L HG	.0002		
SELENIUM	MG/L SE	0.017		
SILVER	MG/L AG	<0.005		

VOLATILE ORGANIC COMPOUND

METHYLENE CHLORIDE	UG/L	< 1.0	< 1.0	< 1.0
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5
CHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5
O-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5
M-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5
P-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.3		
1,2-DICHLOROETHANE	UG/L	< 0.3		
BENZENE	UG/L	< 0.3	< 0.3	< 0.3
TOLUENE	UG/L	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.3	< 0.3	< 0.3
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.3		
BROMOMETHANE	UG/L	< 2.5		
CHLOROETHANE	UG/L	< 2.5		
2-CHLOROETHYL VINYLETHER	UG/L	< 1.0		
CHLOROMETHANE	UG/L	< 2.5		
1,2-DICHLOROPROPANE	UG/L	< 0.5		
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5		
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5		

FOOTNOTES : A-DUP & SPIKE B-AVERAGE OF DUPS C-DUPLICATE SPIKE D-CALCULATED VALUE E-ND = NONE DETECTED  
 F-AMENDED TEST RESULT G-VALUE <MDL, >IDL

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ34695 03/30/92	WELL M26A SJ36937 05/07/92	WELL M26A SJ38337 06/04/92
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VOLATILE ORGANIC COMPOUND

1,1,2,2-TETRACHLOROETHANE UG/L < 0.5

FOOTNOTES : A-DUP & SPIKE      B-AVERAGE OF DUPS      C-DUPLICATE SPIKE      D-CALCULATED VALUE      E-ND = NONE DETECTED  
 F-AMENDED TEST RESULT      G-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ40010 07/07/92	WELL M26A SJ41321 08/03/92	WELL M26A SJ43351 09/04/92	WELL M26A SJ45023 10/07/92	WEFI M26A SJ49450 12/31/92	WELL M26A SJ49454 12/31/92	WEFI M26A SJ54757 03/31/93	WELL M26A SJ54763 03/31/93	WEFI M26A SJ59574 07/07/93	WELL M26A SJ59579 07/07/93
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT	201.0	201.5	201.0	201.7		202.0		201.0		207.6
DEPTH TO BOTTOM	FT	230.6	230.6	230.6	230.6		230.6		230.6		230.6
PERCENT METHANE IN GAS	%CH4	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2	19	20	21	21		21		20		21
FIELD WATER TEMPERATURE	DEG C	22	22	20	22		19		19		22
FIELD PH	PH	7.05	6.90	7.15	7.15		7.04		7.27		7.28
FIELD CONDUCTIVITY	UMHOS/CM	2150	2150	2250	2000		1600		1360		1350
FIELD DISSOLVED O2	MG/L	4.9	6.50	4.80	4.80		5.6		4.9		3.8
FIELD DISSOLVED CO2	MG/L	93.3	73.9	31.7	51.8		73.6		36.8		53.5
FIELD TOTAL ALKALINITY	MG/L	562	550	410	532		582		322		318
FIELD HYDROGEN SULFIDE	PPM	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH	8.11	7.94 A	7.80	7.91		7.70		8.07		7.93
CONDUCTIVITY	UMHOS/CM	2070 A	2030	1730	1960		2100 A		1420		1410
SUSPENDED SOLIDS	MG/L						16 A		2		5 A
TOTAL DISSOLVED SOLIDS	MG/L	1396	1359 E	1141	1316		1464 E		1024		893
GROSS ALPHA RADIOACTIVITY	PCI/L	28	18				16				10
GROSS BETA RADIOACTIVITY	PCI/L	41	9.9				8.0				4.1
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N	12.6	14.9		14.7		16.6		9.22		4.42
SULFATE	MG/L SO4	390	378		318	382	360	145	160	143	150
CHLORIDE	MG/L CL	142	141		134	130	134	176	176	168	167
TOTAL ALKALINITY	MG/L CAC03	554	545		534		568		321		323 A
BICARBONATE ALKALINITY	MG/L CAC03	554	545		530		568		321		323 G
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1		< 0.1		< 0.1		< 0.1		< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	367 C	372 C		347 C	342	392	265	262	135	282
MAGNESIUM-HARDNESS	MG/L CAC03	370 C	382 C		356 C	375	383	237	238	115	237
SODIUM	MG/L NA	207 C	214 C		206 C	206	209	114	112	52.4	105
POTASSIUM	MG/L K	5 C	4 C		5 C	4.7	5.2	3.8	3.9	4.4	4.2
IRON	MG/L FE	0.22 C	1.04 C			0.08	0.87			0.14	1.42
MANGANESE	MG/L MN	< 0.01 C	0.02 C			< 0.01	0.02			0.02	0.04
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N	< 0.01	0.91		< 0.01		< 0.1		< 0.1		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	< 0.01	1.47		< 0.01		0.8		< 0.1		< 0.1

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M26A SJ40010 07/07/92	M26A SJ41321 08/03/92	M26A SJ43351 09/04/92	M26A SJ45023 10/07/92	M26A SJ49450 12/31/92	M26A SJ49454 12/31/92	M26A SJ54757 03/31/93	M26A SJ54763 03/31/93	M26A SJ59574 07/07/93	M26A SJ59579 07/07/93
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O	< 1	A < 1		< 1		- 1	A		1	< 1
SOLUBLE COD	MG/L O	8	6		476		9		4	E	12
TOTAL ORGANIC CARBON	MG/L C	3.2	2.7	2.1	C 2.7		2.9	C	1.5		1.1
OIL & GREASE	MG/L EXTRAC	< 1		F	< 1		< 1		< 1		< 1
TOTAL ORGANIC HALOGEN(TOX	UG/L	40	< 40		< 40		< 40		< 40		< 40
<b>METALS</b>											
ARSENIC	MG/L AS	.0014	.0035		.0021	0.003	0.003	0.002	0.002	0.001	0.003
BARIUM	MG/L BA	0.05	C 0.05	C	0.06	C 0.06	0.07	0.05	0.05	0.05	0.06
CADMIUM	MG/L CD	< 0.01	C < 0.01	C	< 0.01	C < 0.01	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	0.02	C 0.18	C	0.03	C < 0.02	0.03	< 0.02	0.07	< 0.02	0.26
HEXAVALENT CHROMIUM	MG/L CR	< 0.02	C < 0.02	C					< 0.02		< 0.02
COPPER	MG/L CU	< 0.02	C < 0.02	C		0.02	< 0.02		< 0.02	< 0.02	< 0.02
LEAD	MG/L PB	< 0.04	C < 0.04	C	< 0.04	C < 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	.0001		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI	0.06	C 0.1	C		0.07	0.04			0.24	0.25
SELENIUM	MG/L SE	0.026	0.036		0.018	0.020	0.020	0.030	0.030	0.026	0.026
SILVER	MG/L AG	<0.005	C <0.005	C	<0.005	C <0.005	<0.005	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.02	C 0.04	C		0.14	0.07		< 0.02		< 0.02
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
PP'-DDD	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
PP'-DDT	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ALPHA-BHC	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
LINDANE (GAMMA-BHC)	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
HEPTACHLOR	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
HEPTACHLOR EPOXIDE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ALDRIN	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
DIELDRIN	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ENDRIN	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
TOXAPHENE	UG/L	< 5	< 5				< 5				< 5
AROCLOR 1242	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
AROCLOR 1254	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
BETA-BHC	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
DELTA-BHC	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
CIS-CHLORDANE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
TRANS-CHLORDANE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
TRANS-NONACHLOR	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
OXYCHLORDANE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
TOTAL DETECTED CHLORDANES	UG/L			B						B	

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL	WELL	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ40010	SJ41321	SJ43351	SJ45023	SJ49450	SJ49454	SJ54757	SJ54763	SJ59574	SJ59579
		07/07/92	08/03/92	09/04/92	10/07/92	12/31/92	12/31/92	03/31/93	03/31/93	07/07/93	07/07/93

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ENDOSULFAN II	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ENDOSULFAN SULFATE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
ENDRIN ALDEHYDE	UG/L	< 0.01	< 0.01				< 0.01				< 0.01
AROCLOR 1016	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
AROCLOR 1221	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
AROCLOR 1232	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
AROCLOR 1248	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
AROCLOR 1260	UG/L	< 0.1	< 0.1				< 0.1				< 0.1
TECHNICAL CHLORDANE	UG/L	< 0.1	< 0.1				< 0.1				< 0.1

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 3	< 3	< 1.0	< 1.0		< 3		< 1.0		< 3
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
VINYL CHLORIDE	UG/L	< 1	< 1	< 0.5	< 0.5		< 1		< 0.5		< 1
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
P-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5		< 0.3		< 0.5		< 0.3		< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5		< 0.3		< 0.5		< 0.3		< 0.5
BENZENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.3	< 0.3		< 0.5		< 0.3		< 0.5
VINYL ACETATE	UG/L	< 10	< 10				< 10				< 10
O-XYLENE	UG/L	< 0.5	< 0.5				< 0.5				< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5		< 0.3		< 0.5		< 0.3		< 0.5
BROMOMETHANE	UG/L	< 1	< 1		< 2.5		< 1		< 2.5		< 1
CHLOROETHANE	UG/L	< 1	< 1		< 2.5		< 1		< 2.5		< 1
2-CHLOROETHYL VINYL ETHER	UG/L	< 1	< 1		< 1.0		< 1		< 1.0		< 1
CHLOROMETHANE	UG/L	< 1	< 1		< 2.5		< 1		< 2.5		< 1
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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PALOS VERDES LANDFILL

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		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ40010	SJ41321	SJ43351	SJ45023	SJ49450	SJ49454	SJ54757	SJ54763	SJ59574	SJ59579
		07/07/92	08/03/92	09/04/92	10/07/92	12/31/92	12/31/92	03/31/93	03/31/93	07/07/93	07/07/93
<b>VOLATILE ORGANIC COMPOUNDS</b>											
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5
ACROLEIN	UG/L	< 1	< 1				< 1				< 200
ACRYLONITRILE	UG/L	< 1	< 1				< 1				< 50
FREON 11 (CCL3F)	UG/L	< 1	< 1				< 1				< 1
ACETONE	UG/L	< 10	< 10				< 10				< 10
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5				< 0.5				< 0.5
TETRAHYDROFURAN	UG/L	< 10	< 10				< 10				< 10
2-BUTANONE	UG/L	< 10	< 10				< 10				< 10
4-METHYL-2-PENTANONE	UG/L	< 1	< 1				< 1				< 1
STYRENE	UG/L	< 0.5	< 0.5				< 0.5				< 0.5
M+P-XYLENE	UG/L	< 0.5	< 0.5				< 0.5				< 0.5
<b>ACID-BASE NEUTRAL EXTRACTABLE</b>											
ACENAPHTHENE	UG/L	< 2	< 2				< 2				< 2
ACENAPHTHYLENE	UG/L	< 2	< 2				< 2				< 2
ANTHRACENE	UG/L	< 1	< 1				< 1				< 1
BENZIDINE	UG/L	< 62	< 62				< 62				< 62
BENZO(A)ANTHRACENE	UG/L	< 2	< 2				< 2				< 2
BENZO(A)PYRENE	UG/L	< 7	< 7				< 7				< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2				< 2				< 2
BENZO(G,H,I,)PERYLENE	UG/L	< 6	< 6				< 6				< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2				< 2				< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3				< 3				< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5				< 5				< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3				< 3				< 3
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 3 D				< 10				< 10
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9				< 9				< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3				< 3				< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1				< 1				< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2				< 2				< 2
CHRYSENE	UG/L	< 2	< 2				< 2				< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6				< 6				< 6
1,2-DICHLOROBENZENE	UG/L	< 10	< 10				< 10				< 10
1,3-DICHLOROBENZENE	UG/L	< 10	< 10				< 10				< 10
1,4-DICHLOROBENZENE	UG/L	< 2	< 2				< 2				< 2
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100				< 100				< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2				< 2				< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3				< 3				< 3
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4				< 4				< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3				< 3				< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5				< 5				< 5

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WELL M26A SJ40010 07/07/92	WELL M26A SJ41321 08/03/92	WELL M26A SJ43351 09/04/92	WELL M26A SJ45023 10/07/92	WEFI M26A SJ49450 12/31/92	WELL M26A SJ49454 12/31/92	WEFI M26A SJ54757 03/31/93	WELL M26A SJ54763 03/31/93	WEFI M26A SJ59574 07/07/93	WELL M26A SJ59579 07/07/93
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ACID-BASE NEUTRAL EXTRACTABLE

DI-N-OCTYL PHTHALATE	UG/L	<	5	<	5	<	5	<	5	<	5	
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	1	<	1	<	1	<	1	
FLUORANTHENE	UG/L	<	2	<	2	<	2	<	2	<	2	
FLUORENE	UG/L	<	2	<	2	<	2	<	2	<	2	
HEXACHLOROBENZENE	UG/L	<	1	<	1	<	1	<	1	<	1	
HEXACHLOROBUTADIENE	UG/L	<	10	<	10	<	10	<	10	<	10	
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	100	<	100	<	100	<	100	
HEXACHLOROETHANE	UG/L	<	12	<	12	<	12	<	12	<	12	
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	6	<	6	<	6	<	6	
ISOPHORONE	UG/L	<	3	<	3	<	3	<	3	<	3	
NAPHTHALENE	UG/L	<	2	<	2	<	2	<	2	<	2	
NITROBENZENE	UG/L	<	2	<	2	<	2	<	2	<	2	
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	30	<	30	<	30	<	30	
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	2	<	2	<	2	<	2	
PHENANTHRENE	UG/L	<	1	<	1	<	1	<	1	<	1	
PYRENE	UG/L	<	2	<	2	<	2	<	2	<	2	
2,3,7,8-TCDD	UG/L	<	3	<	3	<	3	<	3	<	3	
2-CHLOROPHENOL	UG/L	<	8	<	8	<	8	<	8	<	8	
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	3	<	3	<	3	<	3	
2,4-DICHLOROPHENOL	UG/L	<	3	<	3	<	3	<	3	<	3	
2,4-DIMETHYLPHENOL	UG/L	<	3	<	3	<	3	<	3	<	3	
2,4-DINITROPHENOL	UG/L	<	39	<	39	<	39	<	39	<	39	
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	17	<	17	<	17	<	17	
2-NITROPHENOL	UG/L	<	5	<	5	<	5	<	5	<	5	
4-NITROPHENOL	UG/L	<	6	<	6	<	6	<	6	<	6	
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	2	<	2	<	2	<	2	
PENTACHLOROPHENOL	UG/L	<	16	<	16	<	16	<	16	<	16	
PHENOL	UG/L	<	1	D	<	3	<	3	<	3	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	2	<	2	<	2	<	2	
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	2	<	2	<	2	<	2	

FOOTNOTES : A-AVERAGE OF DUPS B-ND = NONE DETECTED C-DUPLICATE SPIKE D-VALUE <MDL, >IDL E-DUP & SPIKE  
 F-INSUFFICIENT SAMPLE G-CALCULATED VALUE H-CHECK NOTES TO USER I-AMENDED TEST RESULT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ63824	SJ63825	SJ63829	SJ63830	SJ70703	SJ70708	SJ74666	SJ74669	SJ78582	SJ78585
		10/04/93	10/04/93	10/04/93	10/04/93	01/14/94	01/14/94	04/07/94	04/07/94	07/05/94	07/05/94
<b>FIELD PARAMETERS</b>											
DEPTH TO WATER	FT			200.3			199.4		199.7		200.4
DEPTH TO BOTTOM	FT			230.6			230.6		230.6		230.6
PERCENT METHANE IN GAS	%CH4			< 0.1			< 0.1		< 0.1		< 0.1
PERCENT OXYGEN IN GAS	%O2			20			21		21		19
FIELD WATER TEMPERATURE	DEG C			20			19.8		21		21.1
FIELD PH	PH			7.01			7.29		6.89		7.08
FIELD CONDUCTIVITY	UMHOS/CM			1417			1237		1207		1194
FIELD DISSOLVED O2	MG/L			6.70			5.40		5.00		6.5
FIELD DISSOLVED CO2	MG/L			40.1			16.7		68.6		83.63
FIELD TOTAL ALKALINITY	MG/L			320			350		334		386
FIELD HYDROGEN SULFIDE	PPM			< 0.1			< 0.1		< 0.1		< 0.1
<b>GENERAL</b>											
PH	PH			7.64 A	7.66		7.91		7.50		7.74
CONDUCTIVITY	UMHOS/CM			1480	1480 A		1365 A		1350		1340
SUSPENDED SOLIDS	MG/L			1	2		< 1		< 1		3
TOTAL DISSOLVED SOLIDS	MG/L			955	945		843		847		846
GROSS ALPHA RADIOACTIVITY	PCI/L						5.7				18.1
GROSS BETA RADIOACTIVITY	PCI/L						6.7				7.4
<b>ANIONS</b>											
NITRATE NITROGEN	MG/L N			7.47	6.97		5.28		8.10		8.26 C
SULFATE	MG/L SO4	182	176	185	184 E	130	133 E		127		114 C
CHLORIDE	MG/L CL	165	156 E	218	155	164	162		176		167 C
TOTAL ALKALINITY	MG/L CAC03			357	354		321		313		319
BICARBONATE ALKALINITY	MG/L CAC03			357	354		321		313		319
TOTAL SULFIDE	MG/L S			< 0.1	< 0.1		< 0.1 A		< 0.1		< 0.1
<b>CATIONS</b>											
CALCIUM-HARDNESS	MG/L CAC03	307	302	305	302	267	255	262	275	244	246
MAGNESIUM-HARDNESS	MG/L CAC03	253	249	256	256	231	220	233	228	221	222
SODIUM	MG/L NA	106	105	109	108	102	98.0	100	106	99.0	100
POTASSIUM	MG/L K	4.2	4.4	4.8	4.4	4.6	4.3	4.5	4.6	4.3	4.3
IRON	MG/L FE					0.03	0.29			0.06 I	0.86
MANGANESE	MG/L MN					< 0.01	< 0.01			0.014 I	0.017
<b>ORGANIC MATTER</b>											
AMMONIA NITROGEN	MG/L N			< 0.1	< 0.1 C		< 0.07 C		< 0.1		< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N			0.1 G	0.3		0.5		< 0.1		0.3

FOOTNOTES : A-AVERAGE OF DUPS B-ND = NONE DETECTED C-DUPLICATE SPIKE D-VALUE <MDL, >IDL E-DUP & SPIKE  
 F-INSUFFICIENT SAMPLE G-CALCULATED VALUE H-CHECK NOTES TO USER I-AMENDED TEST RESULT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 03/14/95 Page 2

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ63824	SJ63825	SJ63829	SJ63830	SJ70703	SJ70708	SJ74666	SJ74669	SJ78582	SJ78585
		10/04/93	10/04/93	10/04/93	10/04/93	01/14/94	01/14/94	04/07/94	04/07/94	07/05/94	07/05/94
<b>ORGANIC MATTER</b>											
SOLUBLE BOD	MG/L O			< 1	< 1 A		< 0.7		< 0.7		< 0.7
SOLUBLE COD	MG/L O			4	6		13		3		< 2
TOTAL ORGANIC CARBON	MG/L C			1.2	1.3		1.1		1.0		1.0
OIL & GREASE	MG/L EXTRAC			< 1	< 1		2.0		< 0.9		< 0.9 C
TOTAL ORGANIC HALOGEN(TOX	UG/L			< 40	< 40		30 H		5.2		5.6
<b>METALS</b>											
ARSENIC	MG/L AS	0.002	0.002	0.002	0.002	0.003	0.003	0.001	0.004	0.002	0.004
BARIUM	MG/L BA	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.003	< 0.003	< 0.003	< 0.003
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02	0.05	0.04	< 0.02	0.05	< 0.01	0.32	< 0.01	0.15
HEXAVALENT CHROMIUM	MG/L CR						0.004 H				< 0.02 C
COPPER	MG/L CU					< 0.02	< 0.02			< 0.01 I	< 0.01
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.02	< 0.02	< 0.02	< 0.02
MERCURY	MG/L HG	<.0001	<.0001	.0001	<.0001 C	<.0001	<.0001 C	<.0001	<.0001	<.0001	<.0001
NICKEL	MG/L NI					0.16	0.14			0.31 I	0.32
SELENIUM	MG/L SE	0.027	0.026	0.026	0.026	0.001	0.022	0.024	0.024	0.018	0.019
SILVER	MG/L AG	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	< 0.01	< 0.01	< 0.01	< 0.01
ZINC	MG/L ZN					< 0.02	< 0.02			< 0.01 I	< 0.01
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>											
PP'-DDE	UG/L						< 0.01				< 0.01
PP'-DDD	UG/L						< 0.01				< 0.01
PP'-DDT	UG/L						< 0.01				< 0.01
ALPHA-BHC	UG/L						< 0.01				< 0.01
LINDANE (GAMMA-BHC)	UG/L						< 0.01				< 0.01
HEPTACHLOR	UG/L						< 0.01				< 0.01
HEPTACHLOR EPOXIDE	UG/L						< 0.01				< 0.01
ALDRIN	UG/L						< 0.01				< 0.01
DIELDRIN	UG/L						< 0.01				< 0.01
ENDRIN	UG/L						< 0.01				< 0.01
TOXAPHENE	UG/L						< 0.5				< 0.5
AROCLOR 1242	UG/L						< 0.1				< 0.1
AROCLOR 1254	UG/L						< 0.05				< 0.05
BETA-BHC	UG/L						< 0.01				< 0.01
DELTA-BHC	UG/L						< 0.01				< 0.01
CIS-CHLORDANE	UG/L						< 0.01				< 0.01
TRANS-CHLORDANE	UG/L						< 0.01				< 0.01
TRANS-NONACHLOR	UG/L						< 0.01				< 0.01
OXYCHLORDANE	UG/L						< 0.01				< 0.01
TOTAL DETECTED CHLORDANES	UG/L										

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

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		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ63824	SJ63825	SJ63829	SJ63830	SJ70703	SJ70708	SJ74666	SJ74669	SJ78582	SJ78585
		10/04/93	10/04/93	10/04/93	10/04/93	01/14/94	01/14/94	04/07/94	04/07/94	07/05/94	07/05/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

ENDOSULFAN I	UG/L										
ENDOSULFAN II	UG/L										
ENDOSULFAN SULFATE	UG/L										
ENDRIN ALDEHYDE	UG/L										
AROCLOR 1016	UG/L										
AROCLOR 1221	UG/L										
AROCLOR 1232	UG/L										
AROCLOR 1248	UG/L										
AROCLOR 1260	UG/L										
TECHNICAL CHLORDANE	UG/L										

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L		< 1.0	< 1.0		< 1.0			1.5 H		< 1.0
CHLOROFORM	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
1,1,1-TRICHLOROETHANE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
CARBON TETRACHLORIDE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
1,1-DICHLOROETHENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3 C		< 0.3
TRICHLOROETHYLENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3 C		< 0.3
TETRACHLOROETHYLENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
BROMODICHLOROMETHANE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
DIBROMOCHLOROMETHANE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
BROMOFORM	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
CHLOROBENZENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5 C		< 0.5
VINYL CHLORIDE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
O-DICHLOROBENZENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
M-DICHLOROBENZENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
P-DICHLOROBENZENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
1,1-DICHLOROETHANE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
1,1,2-TRICHLOROETHANE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
1,2-DICHLOROETHANE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
BENZENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3 C		< 0.3
TOLUENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3 C		< 0.3
ETHYL BENZENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
O-XYLENE	UG/L					< 0.5			< 0.5		< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L		< 0.3	< 0.3		< 0.3			< 0.3		< 0.3
BROMOMETHANE	UG/L		< 2.5	< 2.5		< 2.5			< 2.5		< 2.5
CHLOROETHANE	UG/L		< 2.5	< 2.5		< 2.5			< 2.5		< 2.5
2-CHLOROETHYL VINYLETHER	UG/L		< 1.0	< 1.0		< 1.0			< 1.0		< 1.0
CHLOROMETHANE	UG/L		< 2.5	< 2.5		< 2.5			< 2.5		< 2.5
1,2-DICHLOROPROPANE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L		< 0.5	< 0.5		< 0.5			< 0.5		< 0.5

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WEFI	WELL	WELL	WEFI	WELL	WEFI	WELL	WEFI	WELL
		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ63824	SJ63825	SJ63829	SJ63830	SJ70703	SJ70708	SJ74666	SJ74669	SJ78582	SJ78585
		10/04/93	10/04/93	10/04/93	10/04/93	01/14/94	01/14/94	04/07/94	04/07/94	07/05/94	07/05/94

VOLATILE ORGANIC COMPOUNDS

1,1,2,2-TETRACHLOROETHANE	UG/L		< 0.5	< 0.5		< 0.5		< 0.5		< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L					< 0.3		< 0.3		< 0.3
TETRAHYDROFURAN	UG/L					< 20		< 50		< 20
M+P-XYLENE	UG/L					< 0.5		< 0.5		< 0.5

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L					< 2				< 2
ACENAPHTHYLENE	UG/L					< 2				< 2
ANTHRACENE	UG/L					< 1				< 1
BENZIDINE	UG/L					< 62				< 62
BENZO(A)ANTHRACENE	UG/L					< 2				< 2
BENZO(A)PYRENE	UG/L					< 7				< 7
BENZO(B)FLUORANTHENE	UG/L					< 2				< 2
BENZO(G,H,I)PERYLENE	UG/L					< 6				< 6
BENZO(K)FLUORANTHENE	UG/L					< 2				< 2
BIS(2-CL-ETHOXY)METHANE	UG/L					< 3				< 3
BIS(2-CHLOROETHYL)ETHER	UG/L					< 5				< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L					< 3				< 3
DIETHYLHEXYL PHTHALATE	UG/L					< 10				< 10
4-BROMOPHENYL PHENYLEETHER	UG/L					< 9				< 9
BUTYLBENZYL PHTHALATE	UG/L					< 3				< 3
2-CHLORONAPHTHALENE	UG/L					< 1				< 1
4-CHLOROPHENYLPHENYLEETHER	UG/L					< 2				< 2
CHRYSENE	UG/L					< 2				< 2
DIBENZO(A,H)ANTHRACENE	UG/L					< 6				< 6
1,2-DICHLOROBEZENE	UG/L					< 10				< 10
1,3-DICHLOROBEZENE	UG/L					< 10				< 10
1,4-DICHLOROBEZENE	UG/L					< 2				< 2
3,3'-DICHLOROBEZIDINE	UG/L					< 100				< 100
DIETHYL PHTHALATE	UG/L					< 2				< 2
DIMETHYL PHTHALATE	UG/L					< 3				< 3
DI-N-BUTYL PHTHALATE	UG/L					< 4				< 4
2,4-DINITROTOLUENE	UG/L					< 3				< 3
2,6-DINITROTOLUENE	UG/L					< 5				< 5
DI-N-OCTYL PHTHALATE	UG/L					< 5				< 5
1,2-DIPHENYLHYDRAZINE	UG/L					< 1				< 1
FLUORANTHENE	UG/L					< 2				< 2
FLUORENE	UG/L					< 2				< 2
HEXACHLOROBEZENE	UG/L					< 1				< 1
HEXACHLOROBUTADIENE	UG/L					< 10				< 10
HEXACHLOROCYCLOPENTADIENE	UG/L					< 100				< 100
HEXACHLOROETHANE	UG/L					< 12				< 12

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 03/14/95

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PALOS VERDES LANDFILL

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		M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A	M26A
		SJ63824	SJ63825	SJ63829	SJ63830	SJ70703	SJ70708	SJ74666	SJ74669	SJ78582	SJ78585
		10/04/93	10/04/93	10/04/93	10/04/93	01/14/94	01/14/94	04/07/94	04/07/94	07/05/94	07/05/94

ACID-BASE NEUTRAL EXTRACTABLE

INDENO(1,2,3-C,D)PYRENE	UG/L							< 6			< 6
ISOPHORONE	UG/L							< 3			< 3
NAPHTHALENE	UG/L							< 2			< 2
NITROBENZENE	UG/L							< 2			< 2
N-NITROSODIMETHYLAMINE	UG/L							< 30			< 30
N-NITROSODI-N-PROPYLAMINE	UG/L							< 2			< 2
PHENANTHRENE	UG/L							< 1			< 1
PYRENE	UG/L							< 2			< 2
2,3,7,8-TCDD	UG/L							< 3			< 3
2-CHLOROPHENOL	UG/L							< 8			< 8
1,2,4-TRICHLOROBENZENE	UG/L							< 3			< 3
2,4-DICHLOROPHENOL	UG/L							< 3			< 3
2,4-DIMETHYLPHENOL	UG/L							< 3			< 3
2,4-DINITROPHENOL	UG/L							< 39			< 39
2-METHYL-4,6DINITROPHENOL	UG/L							< 17			< 17
2-NITROPHENOL	UG/L							< 5			< 5
4-NITROPHENOL	UG/L							< 6			< 6
4-CHLORO-3-METHYLPHENOL	UG/L							< 2			< 2
PENTACHLOROPHENOL	UG/L							< 16			< 16
PHENOL	UG/L							< 3			< 30
2,4,6-TRICHLOROPHENOL	UG/L							< 2			< 2
N-NITROSODIPHENYLAMINE	UG/L							< 2			< 2

FOOTNOTES : A-AVERAGE OF DUPS    B-ND = NONE DETECTED    C-DUPLICATE SPIKE    D-VALUE <MDL, >IDL    E-DUP & SPIKE  
 F-INSUFFICIENT SAMPLE    G-CALCULATED VALUE    H-CHECK NOTES TO USER    I-AMENDED TEST RESULT

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WEFI	WELL	WELL
		M26A	M26A	M26A	M26A
		SJ82432	SJ82433	SJ82437	SJ82438
		10/03/94	10/03/94	10/03/94	10/03/94
<b>FIELD PARAMETERS</b>					
DEPTH TO WATER	FT			200.3	
DEPTH TO BOTTOM	FT			230.3	
PERCENT METHANE IN GAS	%CH4			< 0.1	
PERCENT OXYGEN IN GAS	%O2			21	
FIELD WATER TEMPERATURE	DEG C			20.2	
FIELD PH	PH			7.04	
FIELD CONDUCTIVITY	UMHOS/CM			1097	
FIELD DISSOLVED O2	MG/L			7.1	
FIELD DISSOLVED CO2	MG/L			43.5	
FIELD TOTAL ALKALINITY	MG/L			316	
FIELD HYDROGEN SULFIDE	PPM			< 0.1	
<b>GENERAL</b>					
PH	PH			7.77	7.84
CONDUCTIVITY	UMHOS/CM			1303	1300
SUSPENDED SOLIDS	MG/L			1	< 1
TOTAL DISSOLVED SOLIDS	MG/L			774	815
GROSS ALPHA RADIOACTIVITY	PCI/L			8.2	11.1
GROSS BETA RADIOACTIVITY	PCI/L			8.3	6.9
<b>ANIONS</b>					
NITRATE NITROGEN	MG/L N			8.25	8.45
SULFATE	MG/L SO4			99.3	100
CHLORIDE	MG/L CL			175	177
TOTAL ALKALINITY	MG/L CAC03			312	311
BICARBONATE ALKALINITY	MG/L CAC03			312	311
<b>CATIONS</b>					
CALCIUM-HARDNESS	MG/L CAC03	260	255	242	240 C
MAGNESIUM-HARDNESS	MG/L CAC03	224	224	210	210 C
SODIUM	MG/L NA	100	102	92.8	92.8 C
POTASSIUM	MG/L K	4.4	4.1	4.3	4.1 C
IRON	MG/L FE	0.02	< 0.02	0.88	0.69 C
MANGANESE	MG/L MN	0.01	0.009	0.014	0.012 C
<b>ORGANIC MATTER</b>					
AMMONIA NITROGEN	MG/L N			< 0.1	< 0.1
SOLUBLE BOD	MG/L O			1	1
SOLUBLE COD	MG/L O			6	6 E

FOOTNOTES : A-AVERAGE OF DUPS B-ND = NONE DETECTED C-DUPLICATE SPIKE D-VALUE <MDL, >IDL E-DUP & SPIKE  
 F-INSUFFICIENT SAMPLE G-CALCULATED VALUE H-CHECK NOTES TO USER I-AMENDED TEST RESULT



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
 WATER QUALITY MONITORING DATA  
 PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	WEFI	WEFI	WELL	WELL
		M26A	M26A	M26A	M26A
		SJ82432	SJ82433	SJ82437	SJ82438
		10/03/94	10/03/94	10/03/94	10/03/94
<b>ORGANIC MATTER</b>					
TOTAL ORGANIC CARBON	MG/L C			0.90	0.79
HYDROCARBONS-MODIFIED8015	MG/L HC			<0.275	<0.275
<b>METALS</b>					
ARSENIC	MG/L AS	0.002	0.003	0.004	0.003
BARIUM	MG/L BA	0.08	0.08	0.08	0.08 C
CADMIUM	MG/L CD	<0.003	<0.003	<0.003	<0.003 C
TOTAL CHROMIUM	MG/L CR	< 0.01	< 0.01	0.17	0.12 C
COPPER	MG/L CU	< 0.01	< 0.01	< 0.01	< 0.01 C
LEAD	MG/L PB	< 0.02	< 0.02	< 0.02	< 0.02 C
MERCURY	MG/L HG	<.0001	<.0001 C	<.0001	<.0001
NICKEL	MG/L NI	0.27	0.26	0.27	0.27 C
SELENIUM	MG/L SE	0.015	0.015	0.017	0.016
SILVER	MG/L AG	< 0.01	< 0.01	< 0.01	< 0.01 C
ZINC	MG/L ZN	< 0.01	< 0.01	< 0.01	< 0.01 C
<b>PESTICIDES, HERBICIDES, &amp; ORGANOPHOSPHORUS</b>					
PP'-DDE	UG/L			< 0.01	< 0.01
PP'-DDD	UG/L			< 0.01	< 0.01
PP'-DDT	UG/L			< 0.01	< 0.01
ALPHA-BHC	UG/L			< 0.01	< 0.01
LINDANE (GAMMA-BHC)	UG/L			< 0.01	< 0.01
HEPTACHLOR	UG/L			< 0.01	< 0.01
HEPTACHLOR EPOXIDE	UG/L			< 0.01	< 0.01
ALDRIN	UG/L			< 0.01	< 0.01
DIELDRIN	UG/L			< 0.01	< 0.01
ENDRIN	UG/L			< 0.01	< 0.01
TOXAPHENE	UG/L			< 0.5	< 0.5
AROCLOR 1242	UG/L			< 0.1	< 0.1
AROCLOR 1254	UG/L			< 0.05	< 0.05
BETA-BHC	UG/L			< 0.01	< 0.01
DELTA-BHC	UG/L			< 0.01	< 0.01
ENDOSULFAN I	UG/L			< 0.01	< 0.01
ENDOSULFAN II	UG/L			< 0.01	< 0.01
ENDOSULFAN SULFATE	UG/L			< 0.1	< 0.1
ENDRIN ALDEHYDE	UG/L			< 0.01	< 0.01
AROCLOR 1016	UG/L			< 0.1	< 0.1
AROCLOR 1221	UG/L			< 0.1	< 0.1
AROCLOR 1232	UG/L			< 0.1	< 0.1
AROCLOR 1248	UG/L			< 0.1	< 0.1
AROCLOR 1260	UG/L			< 0.1	< 0.1

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

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		10/03/94	10/03/94	10/03/94	10/03/94

PESTICIDES, HERBICIDES, & ORGANOPHOSPHORUS

TECHNICAL CHLORDANE UG/L < 0.05 < 0.05

VOLATILE ORGANIC COMPOUNDS

METHYLENE CHLORIDE	UG/L	< 1.0	< 1.0
CHLOROFORM	UG/L	< 0.5	< 0.5
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.3	< 0.3 C
TRICHLOROETHYLENE	UG/L	< 0.3	< 0.3 C
TETRACHLOROETHYLENE	UG/L	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 0.5 C
VINYL CHLORIDE	UG/L	< 0.5	< 0.5
O-DICHLOROENZENE	UG/L	< 0.5	< 0.5
M-DICHLOROENZENE	UG/L	< 0.5	< 0.5
P-DICHLOROENZENE	UG/L	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.3	< 0.3
BENZENE	UG/L	< 0.3	< 0.3 C
TOLUENE	UG/L	< 0.3	< 0.3 C
ETHYL BENZENE	UG/L	< 0.3	< 0.3
O-XYLENE	UG/L	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.3	< 0.3
BROMOMETHANE	UG/L	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5
2-CHLOROETHYLVINYLEETHER	UG/L	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.3	< 0.3
TETRAHYDROFURAN	UG/L	< 20	< 20
M+P-XYLENE	UG/L	< 0.5	< 0.5

ACID-BASE NEUTRAL EXTRACTABLE

ACENAPHTHENE	UG/L	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2	< 2

FOOTNOTES : A-AVERAGE OF DUPS B-ND = NONE DETECTED C-DUPLICATE SPIKE D-VALUE <MDL, >IDL E-DUP & SPIKE  
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		10/03/94	10/03/94	10/03/94	10/03/94

ACID-BASE NEUTRAL EXTRACTABLE

ANTHRACENE	UG/L	<	1	<	1
BENZIDINE	UG/L	<	62	<	62
BENZO(A)ANTHRACENE	UG/L	<	2	<	2
BENZO(A)PYRENE	UG/L	<	7	<	7
BENZO(B)FLUORANTHENE	UG/L	<	2	<	2
BENZO(G.H.I.)PERYLENE	UG/L	<	6	<	6
BENZO(K)FLUORANTHENE	UG/L	<	2	<	2
BIS(2-CL-ETHOXY)METHANE	UG/L	<	3	<	3
BIS(2-CHLOROETHYL)ETHER	UG/L	<	5	<	5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	<	3	<	3
DIETHYLHEXYL PHTHALATE	UG/L	<	10	<	10
4-BROMOPHENYL PHENYLETHER	UG/L	<	9	<	9
BUTYLBENZYL PHTHALATE	UG/L	<	3	<	3
2-CHLORONAPHTHALENE	UG/L	<	1	<	1
4-CHLOROPHENYLPHENYLETHER	UG/L	<	2	<	2
CHRYSENE	UG/L	<	2	<	2
DIBENZO(A,H)ANTHRACENE	UG/L	<	6	<	6
1,2-DICHLOROBENZENE	UG/L	<	10	<	10
1,3-DICHLOROBENZENE	UG/L	<	10	<	10
1,4-DICHLOROBENZENE	UG/L	<	2	<	2
3,3'-DICHLOROBENZIDINE	UG/L	<	100	<	100
DIETHYL PHTHALATE	UG/L	<	2	<	2
DIMETHYL PHTHALATE	UG/L	<	3	<	3
DI-N-BUTYL PHTHALATE	UG/L	<	4	<	4
2,4-DINITROTOLUENE	UG/L	<	3	<	3
2,6-DINITROTOLUENE	UG/L	<	5	<	5
DI-N-OCTYL PHTHALATE	UG/L	<	5	<	5
1,2-DIPHENYLHYDRAZINE	UG/L	<	1	<	1
FLUORANTHENE	UG/L	<	2	<	2
FLUORENE	UG/L	<	2	<	2
HEXACHLOROBENZENE	UG/L	<	1	<	1
HEXACHLOROBUTADIENE	UG/L	<	10	<	10
HEXACHLOROCYCLOPENTADIENE	UG/L	<	100	<	100
HEXACHLOROETHANE	UG/L	<	12	<	12
INDENO(1,2,3-C,D)PYRENE	UG/L	<	6	<	6
ISOPHORONE	UG/L	<	3	<	3
NAPHTHALENE	UG/L	<	2	<	2
NITROBENZENE	UG/L	<	2	<	2
N-NITROSODIMETHYLAMINE	UG/L	<	30	<	30
N-NITROSODI-N-PROPYLAMINE	UG/L	<	2	<	2
PHENANTHRENE	UG/L	<	1	<	1
PYRENE	UG/L	<	2	<	2
2,3,7,8-TCDD	UG/L	<	3	<	3

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		SJ82432	SJ82433	SJ82437	SJ82438
		10/03/94	10/03/94	10/03/94	10/03/94

ACID-BASE NEUTRAL EXTRACTABLE

2-CHLOROPHENOL	UG/L	<	8	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	3	<	3
2,4-DICHLOROPHENOL	UG/L	<	3	<	3
2,4-DIMETHYLPHENOL	UG/L	<	3	<	3
2,4-DINITROPHENOL	UG/L	<	39	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	17	<	17
2-NITROPHENOL	UG/L	<	5	<	5
4-NITROPHENOL	UG/L	<	6	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	2	<	2
PENTACHLOROPHENOL	UG/L	<	16	<	16
PHENOL	UG/L	<	3	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	2	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	2	<	2

FOOTNOTES : A-AVERAGE OF DUPS      B-ND = NONE DETECTED      C-DUPLICATE SPIKE      D-VALUE <MDL, >IDL      E-DUP & SPIKE  
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## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M26A	880503 SJ54422	VOC'S:5/11/88; ABN'S EXTRACTED 5-10-88, INJECTED 5-27-88;
M26A	880518 SJ54946	VOC'S:5/19/88
M26A	880630 SJ56575	LEAD BY FURNACE; VOC'S 7/13/88;ABN EXT 7/5/88, INJ 7/12/88;
M26A	880919 SJ59739	VOC'S 10/1/88; BNA EXT 9/23/88, ANAL 10/25/88;
M26A	881213 SJ62593	314 AT VAL.: 201,204 POM R&D/SR(408) VOC'S 12-20-88 MONT. LAB
M26A	890221 SJ71758	VOC'S 3/2/89;
M26A	890404 SJ73340	408 RUN BY POM R&D; VOC'S 4/10/89;314 AT VAL.
M26A	890605 SJ75595	VOC'S 6/7/89,314=VALTPL,
M26A	890905 SJ79163	314=VALTPL,312=POMR/D VOC'S ANALYZED 08SEPT89
M26A	891201 SJ83171	314=VALTPL,312,408=POMR/D 101,151,155,257=LBTPL VOC'S 12/5/89
M26A	900306 SJ92386	301,257=LBTPL,312,314=POMR/D VOC'S 3/9/90

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M26A	900618 SJ98059	312,314,204=POMR/D VOC's 6/19/90
M26A	900917 SJ02392	257,301=LB,408=WN,204,312,314=POR/D VOC's 9/20/90
M26A	901203 SJ06438	257,301=SJCTPL,312,314=POMR/D JWPCP, ARSENIC AND SELENIUM VOC's 12/4/90
M26A	910117 SJ10810	257,301=LB,201,203,204=POMR/D MONTGOMERY LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY =<0.03MG/L AND THALLIUM =<0.005MG/L VOC'S MONTGOMERY LABS 370 & 371 BY TMA BNA EXT 01-24-91 INJ 01-31-91 TEST 370: +/- 9; 371: +/- 6
M26A	910211 SJ11908	22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG) VOC's 2/12/91
M26A	910311 SJ13157	PURGEABLE HALOCARBONS/AROMATICS: MONTGOMERY LABS 101-405 BROWN & CALDWELL 22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, TOTAL DISSOLVED SOLIDS, AND TOTAL ORGANIC CARBON CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG)
M26A	910402 SJ13953	257,301=LC 410 BROWN & CALDWELL

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M26A	910402 SJ13953	ARSENIC & SELENIUM; BROWN & CALDWELL VOC's 4/3/91
M26A	910508 SJ15649	OIL AND GREASE < 1 MG/L 22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG) VOC's 5/10/91
M26A	910604 SJ17014	705, 720 = BROWN & CALDWELL TOX = MONTGOMERY LABS VOC's 6/5/91
M26A	910715 SJ18981	404=SJCTPL 705, 720 BROWN & CALDWELL 410=MONTGOMERY LABS VOA'S = MONTGOMERY LABS RADIOACTIVITY:ALPHA=2SIGMA 14, BETA=2SIGMA 14/MONTGOMERY LAB BNA EXT 07-16-91 INJ 07-23-91 TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS)
M26A	910812 SJ20668	22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG). VOC's 8/14/91
M26A	910906 SJ22077	22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG) VOC's 9/9/91

## PALOS VERDES LANDFILL DPRIR

## LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M26A	911009 SJ23780	VOC's 10/11/91
M26A	911112 SJ26517	VOC's 11/14/91
M26A	911212 SJ27975	VOC's 12/17/91
M26A	920107 SJ30213	ALPHA/2SIGMA = 5.9, BETA/2SIGMA = 2.8 BNA EXT 01-13-92 INJ 01-21-92
M26A	920204 SJ31701	22 OCT 92 - UNITS FOR PH, CONDUCTIVITY, AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG) VOC's 2/5/92
M26A	920204 SJ31702	22 OCT 92 - UNITS FOR PH, CONDUCTIVITY AND TOTAL DISSOLVED SOLIDS HAVE BEEN CORRECTED. UNITS WERE INITIALLY ENTERED INCORRECTLY BECAUSE OF ERROR IN DEFINITION OF PROJECT. THE PROJECT DEFINITION HAS ALSO BEEN CORRECTED. (JPG) VOC's 2/5/92
M26A	920303 SJ33117	VOC's 3/5/92
M26A	920330 SJ34695	VOC's 3/31/92
M26A	920507 SJ36937	VOC's 5/11/92



PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR ANALYTICAL SAMPLES

LOCATION	DATE/ JOB	NOTES
M26A	920604 SJ38337	VOC's 6/5/92