

**PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT**

APPENDIX B.2.1.2

**EQUIPMENT BLANK RESULTS
(RI SOIL BORING SAMPLES)**

TABLE B.2.2.2-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Soil Boring Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 08/06/90
 Job Number of Equipment Blank SJ00186

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.0100

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ00188 HCP	NITRATE NITROGEN	0.0200 MG/KG N

Sample Date of Equipment Blank 08/21/90
 Job Number of Equipment Blank SJ01046

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 2.3400

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ01044 HCP	NITRATE NITROGEN	0.8600 MG/KG N

Comparison of Equipment Blank Detections
to Sample Detections in RI Soil Boring Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/28/90
Job Number of Equipment Blank SJ01459

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ01517 HCP	CHLORIDE	8.0000 MG/KG CL
SJ01518 HCP	CHLORIDE	10.0000 MG/KG CL

Sample Date of Equipment Blank 09/11/90
Job Number of Equipment Blank SJ02145

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.1400

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ02147 HCP	NITRATE NITROGEN	0.4200 MG/KG N

Comparison of Equipment Blank Detections
to Sample Detections in RI Soil Boring Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 09/17/90
Job Number of Equipment Blank SJ02423

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ02425 HCP	SULFATE	6.0000 MG/KG SO4

EQUIPMENT BLANK SAMPLE RESULTS - SOIL SAMPLES
FOR REMEDIAL INVESTIGATION DRILLING PROGRAM

(06/90 - 10/90)

GENERAL

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
101	PH	PH	31	31	5.60	8.10	7.0084	0.5206
102	CONDUCTIVITY	UMHOS/CM	31	31	1.4	14.5	4.1081	2.9381

ANIONS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
204	NITRATE NITROGEN	MG/L N	31	10	ND	2.34	0.1121	0.4178 *
257	SULFATE	MG/L SO4	30	28	ND	2.00	0.9183	0.3158 *
301	CHLORIDE	MG/L CL	31	16	ND	7.00	0.9452	1.1710 *

CATIONS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
703	CALCIUM	MG/L CA	31	20	ND	1.69	0.4187	0.4439 *
704	MAGNESIUM	MG/L MG	31	16	ND	0.71	0.2000	0.3610 *
723	SODIUM	MG/L NA	31	18	ND	2	0.8790	0.5896 *
719	POTASSIUM	MG/L K	31	13	ND	1	0.1884	0.1891 *
713	IRON	MG/L FE	31	25	ND	1.24	0.1358	0.2365 *

ORGANIC MATTER

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
C15	HYDROCARBONS-MODIFIED#015	MG/L HC	31	1	ND	0.09	0.0271	0.0117 *

METALS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
706	BARIUM	MG/L BA	31	1	ND	0.21	0.0165	0.0359 *
717	MERCURY	MG/L HG	31	4	ND	0.0003	0.0001	0.0001 *
720	SELENIUM	MG/L SE	31	12	ND	0.001	0.0004	0.0002 *
724	ZINC	MG/L ZN	31	16	ND	0.19	0.0371	0.0412 *
725	ANTIMONY	MG/L SB	31	1	ND	0.005	0.0077	0.0061 *
734	THALLIUM	MG/L TL	31	1	ND	0.033	0.0095	0.0076 *

* - Analysis used 1/2 of the detection limit for "not detected" values

NA - Not Applicable

EQUIPMENT BLANK SAMPLE RESULTS - SOIL SAMPLES
FOR REMEDIAL INVESTIGATION DRILLING PROGRAM

(06/90 - 10/90)

VOLATILE ORGANIC COMPOUNDS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
601	METHYLENE CHLORIDE	UG/L	42	8	ND	4.8	0.6940	1.0428	*
603	1,1,1-TRICHLOROETHANE	UG/L	42	1	ND	0.7	0.2607	0.0694	*
621	TOLUENE	UG/L	42	1	ND	2.8	0.3107	0.3935	*
646	BROMOMETHANE	UG/L	42	1	ND	2.6	1.2821	0.2083	*
695	M+P-XYLENE	UG/L	17	1	ND	0.6	0.2706	0.0849	*

ACID-BASE-NEUTRAL EXTRACTABLE

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
812	DIETHYLHEXYL PHTHALATE	UG/L	29	5	ND	33	6.1379	7.4875	*
823	DIETHYL PHTHALATE	UG/L	29	1	ND	49	2.7759	8.9078	*
824	DIMETHYL PHTHALATE	UG/L	29	1	ND	22	2.3793	3.8653	*
825	DI-N-BUTYL PHTHALATE	UG/L	29	1	ND	6	2.3621	1.3154	*
855	PHENOL	UG/L	29	1	ND	19	2.0345	3.4094	*

* - Analysis used 1/2 of the detection limit for "not detected" values

NA - Not Applicable

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES COLLECTED DURING
REMEDIAL INVESTIGATION DRILLING PROGRAM (06/90 - 10/90)

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ98145	EQUIP. BLANK (RINSATE FROM SPLIT SPOON SAMPLER), E-002 06/19/90	VOC's 6/21/90
SJ98226	RINSATE BLANK, F.I. E-003 06/20/90	VOC's 6/22/90
SJ98501	EQUIPMENT BLANK, E-004 06/26/90	SE,AS,SB,TL ANALYZED BY BCA M 8015, 8020 ANALYZED BY MONTGOMERY LAB. SAMPLE NOT ASSIGNED TO SJCWQL VOC's 6/28/90 ACETONE APPROX. 110UG/L
SJ98674	EQUIPMENT BLANK, FI E-005 06/28/90	705, 720, 725, 734 BROWN & CALDWELL MODIF. 8015 BY MONTG. LABS. VOC's 7/2/90 BNA EXT 07-03-90 INJ 08-02-90 BLANK 812: 1 UG/L
SJ98795	EQUIPMENT BLANK, F.I. E-007, SITE RFB-8 07/02/90	705, 720, 725, 734 BROWN & CALDWELL MODIF. 8015 BY MONTG. LABS. VOC's 7/5/90 BNA EXT 900626 INJ 900713
SJ98797	RINSATE BLANK, F.I. E-006, SITE RFB-40 07/02/90	VOC's 7/11/90
SJ98887	RINSATE BLANK, F.I. E-008 07/05/90	101,151,403,201,258=LB VOC's 7/10/90
SJ98997	RINSATE BLANK, F.I. E-009 07/09/90	VOC's 7/11/90
SJ99047	RINSATE BLANK, F.I. E-010 07/10/90	VOC's 7/12/90
SJ99105	EQUIPMENT BLANK, F.I. E-012 07/11/90	705, 720, 725 & 734 BROWN & CALDWELL MODIF. 8015 BY MONTG. LABS. VOC's 7/16/90 BNA EXT 07-16-90 INJ 07-27-90
SJ99106	RINSATE BLANK, F.I. E-011 07/11/90	VOC's 7/16/90
SJ99235	EQUIPMENT BLANK, F.I. E-013 07/16/90	705, 720, 725, 734 BROWN & CALDWELL MODIF. 8015 BY MONTG. LABS. RUN OUT OF SAMPLE VOC's 7/18/90
SJ99237	EQUIPMENT BLANK, F.I. E-014 07/16/90	705, 720, 725, 734 BROWN & CALDWELL MODIF. 8015 BY MONTG. LABS. VOC's 7/18/90

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES COLLECTED DURING
REMEDIAL INVESTIGATION DRILLING PROGRAM (06/90 - 10/90)

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ99320	EQUIPMENT BLANK, F.I.E-015 07/17/90	MODIF. 8015 BY MONTG. LABS. TRAVEL BLANK <0.05 MG/L. AS, SB, SE, TL ANALYZED BY BROWN AND CALDWELL VOC'S 7/19/90 BNA EXT 07-23-90 INJ 08-07-90 BLANK 812: 2 UG/L
SJ99570	EQUIPMENT BLANK, F.I. E-016 07/24/90	VOC'S: 7/26/90 705, 720, 725, 734 BROWN & CALDWELL C15 MODIFIED 8015, HYDROCARBONS, MONTGOMERY LABS BNA EXT 07-30-90 INJ 08-08-90
SJ99719	EQUIPMENT BLANK, F.I. E-017 07/26/90	WASTE WATER SAMPLES, BROWN <7 CALDWELL C15 MODIFIED 8015 HYDROCARBONS, MONTGOMERY LABS 734 BY BCA AS, SE, SB, TL ANALYZED BY BROWN AND CALDWELL VOC'S 7/30/90 BNA EXT 07-30-90 INJ 08-09-90
SJ99725	EQUIPMENT BLANK, F.I. E-018 07/26/90	WASTE WATER SAMPLES, BROWN & CALDWELL C15 MODIFIED 8015, 8020 ANALYZED BY MONTGOMERY LABS. AS, SE, SB, TL ANALYZED BY BCA VOC'S 7/30/90 BNA EXT 07-30-90 INJ 08-09-90
SJ99795	EQUIPMENT BLANK, F.I. E-019 07/27/90	AS, SB, SE, TL ANALYZED BY BROWN AND CALDWELL VOC'S 8/1/90 BNA EXT 07-30-90 INJ 08-09-90
SJ99997	EQUIPMENT BLANK, F.I. E-020 08/01/90	705, 720, 725, 734 BROWN & CALDWELL HYDROCARBONS, MONTGOMERY LABS VOC'S 8/3/90 BNA EXT 08-03-90 INJ 08-10-90

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ98145	SJ98226	SJ98501	SJ98674	SJ98795	SJ98797	SJ98887	SJ98997	SJ99047	SJ99105
		06/19/90	06/20/90	06/26/90	06/28/90	07/02/90	07/02/90	07/05/90	07/09/90	07/10/90	07/11/90
GENERAL											
PH	PH				A 7.00	7.20					7.49
CONDUCTIVITY	UMHOS/CM				A 2.4	3.65					1.8
ANIONS											
NITRATE NITROGEN	MG/L N				A 0.08	< 0.01					0.01
SULFATE	MG/L SO4				A 1.0	1					< 0.1
CHLORIDE	MG/L CL				A < 1	< 1					< 1
CATIONS											
CALCIUM	MG/L CA				0.25	0.11					< 0.01
MAGNESIUM	MG/L MG				0.05	0.03					< 0.01
SODIUM	MG/L NA				0.2	0.4					0.4
POTASSIUM	MG/L K				< 0.04	0.1					0.1
IRON	MG/L FE				0.04	0.04					< 0.02
MANGANESE	MG/L MN				< 0.01	< 0.01					< 0.01
ORGANIC MATTER											
OIL & GREASE	MG/L EXTRAC				B	B					B
HYDROCARBONS-MODIFIED8015	MG/L HC				< 0.05	< 0.05					< 0.05
METALS											
ARSENIC	MG/L AS				<0.002	<0.002					<0.002
BARIUM	MG/L BA				< 0.02	< 0.02					< 0.02
ALUMINIUM	MG/L AL										
CADMIUM	MG/L CD				< 0.01	< 0.01					< 0.01
TOTAL CHROMIUM	MG/L CR				< 0.02	< 0.02					< 0.02
LEAD	MG/L PB				< 0.04	< 0.04					< 0.04
MERCURY	MG/L HG				A <.0001	<.0001					.0001
NICKEL	MG/L NI				< 0.03	< 0.03					< 0.03
SELENIUM	MG/L SE				<.0009	<.0009					<.0009
SILVER	MG/L AG				<0.005	<0.005					<0.005
ZINC	MG/L ZN				0.04	< 0.02					< 0.02
ANTIMONY	MG/L SB				<0.025	<0.005					< 0.03
BERYLLIUM	MG/L BE				< 0.01	< 0.01					< 0.01
MOLYBDENUM	MG/L MO				< 0.02	< 0.02					< 0.02
THALLIUM	MG/L TL				< 0.03	<0.005					< 0.03
VANADIUM	MG/L V				< 0.02	< 0.02					< 0.02

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

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

CONSTITUENT/WELL NO.	UNITS	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	BLNK HCP	
SJ98145		06/20/90	SJ98226	06/26/90	SJ98501	06/28/90	SJ98674	07/02/90	SJ98795	07/02/90	SJ98797	SJ98887	SJ98997	SJ99105
06/19/90		06/20/90	06/26/90	06/28/90	07/02/90	07/02/90	07/05/90	07/09/90	07/10/90	07/11/90				

VOLATILE ORGANIC COMPOUND

VOLATILE ORGANIC COMPOUND

METHYLENE CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
THOUENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-XYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 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	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

ACID-BASE NEUTRAL EXTRACT

ACENAPHTHENE	UG/L	A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L	A	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
ANTHRACENE	UG/L	A	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BENZIDINE	UG/L	A	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ98145	SJ98226	SJ98501	SJ98674	SJ98795	SJ98797	SJ98887	SJ98997	SJ99047	SJ99105
		06/19/90	06/20/90	06/26/90	06/28/90	07/02/90	07/02/90	07/05/90	07/09/90	07/10/90	07/11/90
ACID-BASE NEUTRAL EXTRACT											
BENZO(A)ANTHRACENE	UG/L			A <	2	<	2			<	2
BENZO(A)PYRENE	UG/L			A <	7	<	7			<	7
BENZO(B)FLUORANTHENE	UG/L			A <	2	<	2			<	2
BENZO(G.H.I.)PERYLENE	UG/L			A <	6	<	6			<	6
BENZO(K)FLUORANTHENE	UG/L			A <	2	<	2			<	2
BIS(2-CL-ETHOXY)METHANE	UG/L			A <	3	<	3			<	3
BIS(2-CHLOROETHYL)ETHER	UG/L			A <	5	<	5			<	5
BIS(2-CL-ISOPROPYL)ETHER	UG/L			A <	3	<	3			<	3
DIETHYLHEXYL PHTHALATE	UG/L			A	2	C <	10			<	10
4-BROMOPHENYL PHENYLEETHER	UG/L			A <	9	<	9			<	9
BUTYLBENZYL PHTHALATE	UG/L			A <	3	<	3			<	3
2-CHLORONAPHTHALENE	UG/L			A <	1	<	1			<	1
4-CHLOROPHENYLPHENYLEETHER	UG/L			A <	2	<	2			<	2
CHRYSENE	UG/L			A <	2	<	2			<	2
DIBENZO(A,H)ANTHRACENE	UG/L			A <	6	<	6			<	6
1,2-DICHLOROBENZENE	UG/L			A <	10	<	10			<	10
1,3-DICHLOROBENZENE	UG/L			A <	10	<	10			<	10
1,4-DICHLOROBENZENE	UG/L			A <	2	<	2			<	2
3,3'-DICHLOROBENZIDINE	UG/L			A <	100	<	100			<	100
DIETHYL PHTHALATE	UG/L			A <	2	<	2			<	2
DIMETHYL PHTHALATE	UG/L			A <	3	<	3			<	3
DI-N-BUTYL PHTHALATE	UG/L			A <	4	<	4			<	4
2,4-DINITROTOLUENE	UG/L			A <	3	<	3			<	3
2,6-DINITROTOLUENE	UG/L			A <	5	<	5			<	5
DI-N-OCTYL PHTHALATE	UG/L			A <	5	<	5			<	5
1,2-DIPHENYLHYDRAZINE	UG/L			A <	1	<	1			<	1
FLUORANTHENE	UG/L			A <	2	<	2			<	2
FLUORENE	UG/L			A <	2	<	2			<	2
HEXACHLOROENZENE	UG/L			A <	1	<	1			<	1
HEXACHLOROBUTADIENE	UG/L			A <	10	<	10			<	10
HEXACHLOROCYCLOPENTADIENE	UG/L			A <	100	<	100			<	100
HEXACHLOROETHANE	UG/L			A <	12	<	12			<	12
INDENO(1,2,3-C,D)PYRENE	UG/L			A <	6	<	6			<	6
ISOPHORONE	UG/L			A <	3	<	3			<	3
NAPHTHALENE	UG/L			A <	2	<	2			<	2
NITROBENZENE	UG/L			A <	2	<	2			<	2
N-NITROSODIMETHYLAMINE	UG/L			A <	30	<	30			<	30
N-NITROSODI-N-PROPYLAMINE	UG/L			A <	2	<	2			<	2
PHENANTHRENE	UG/L			A <	1	<	1			<	1
PYRENE	UG/L			A <	2	<	2			<	2
2,3,7,8-TCDD	UG/L			A <	3	<	3			<	3
2-CHLOROPHENOL	UG/L			A <	8	<	8			<	8
1,2,4-TRICHLOROBENZENE	UG/L			A <	3	<	3			<	3

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ98145	SJ98226	SJ98501	SJ98674	SJ98795	SJ98797	SJ98887	SJ98997	SJ99047	SJ99105
		06/19/90	06/20/90	06/26/90	06/28/90	07/02/90	07/02/90	07/05/90	07/09/90	07/10/90	07/11/90
ACID-BASE NEUTRAL EXTRACT											
2,4-DICHLOROPHENOL	UG/L			A <	3	<	3				< 3
2,4-DIMETHYLPHENOL	UG/L			A <	3	<	3				< 3
2,4-DINITROPHENOL	UG/L			A <	39	<	39				< 39
2-METHYL-4,6-DINITROPHENOL	UG/L			A <	17	<	17				< 17
2-NITROPHENOL	UG/L			A <	5	<	5				< 5
4-NITROPHENOL	UG/L			A <	6	<	6				< 6
4-CHLORO-3-METHYLPHENOL	UG/L			A <	2	<	2				< 2
PENTACHLOROPHENOL	UG/L			A <	16	<	16				< 16
PHENOL	UG/L			A <	3	<	3				< 3
2,4,6-TRICHLOROPHENOL	UG/L			A <	2	<	2				< 2
N-NITROSODIPHENYLAMINE	UG/L			A <	2	<	2				< 2

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK HCP SJ99106 07/11/90	BLNK HCP SJ99235 07/16/90	BLNK HCP SJ99237 07/16/90	BLNK HCP SJ99320 07/17/90	BLNK HCP SJ99570 07/24/90	BLNK HCP SJ99719 07/26/90	BLNK HCP SJ99725 07/26/90	BLNK HCP SJ99795 07/27/90	BLNK HCP SJ99997 08/01/90
GENERAL										
PH	PH		6.20	6.70	7.30	7.50	8.10	7.88	7.20	7.20
CONDUCTIVITY	UMHOS/CM		2.2	2.4	2.7	6.9	2.6	7.9	6.0	3.2
ANIONS										
NITRATE NITROGEN	MG/L N	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
SULFATE	MG/L SO4		A < 1	< 0.6	< 0.3	1.00	1.00	1.00	D < 1	< 1.00
CHLORIDE	MG/L CL	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
CATIONS										
CALCIUM	MG/L CA	< 0.01	< 0.01	0.37	0.08	0.74	0.53	< 3.0	< 3.0	0.52
MAGNESIUM	MG/L MG	< 0.01	0.04	0.07	0.02	0.06	0.13	< 4.0	< 4.0	0.18
SODIUM	MG/L NA	< 0.2	0.2	1	0.4	0.2	2	< 2.6	< 2.6	< 2.6
POTASSIUM	MG/L K	< 0.04	< 0.04	< 0.04	< 0.04	0.1	0.4	< 0.4	< 0.4	< 0.4
IRON	MG/L FE	< 0.02	< 0.02	< 0.02	0.03	0.12	0.22	0.12	0.12	0.27
MANGANESE	MG/L MN	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
ORGANIC MATTER										
OIL & GREASE	MG/L EXTRAC		B	B	B	B	B	B	B	B
HYDROCARBONS-MODIFIEDB015	MG/L HC	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
METALS										
ARSENIC	MG/L AS	<.0005	<.0005	<.0005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
BARIUM	MG/L BA	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
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	.0002	<.0001	<.0001	<.0001	<.0001	<.0001	D <.0001	<.0001
NICKEL	MG/L NI	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SELENIUM	MG/L SE	<.0005	<.0005	<.0005	.0005	.0006	.0006	.0006	.0002	0.001
SILVER	MG/L AG	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.03	0.13	< 0.02	0.05	0.06	0.04	0.19	0.19	0.11
ANTIMONY	MG/L SB	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
BERYLLIUM	MG/L BE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
MOLYBDENUM	MG/L MO	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THALLIUM	MG/L TL	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
VANADIUM	MG/L V	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK HCP SJ99106 07/11/90	BLNK HCP SJ99235 07/16/90	BLNK HCP SJ99237 07/16/90	BLNK HCP SJ99320 07/17/90	BLNK HCP SJ99570 07/24/90	BLNK HCP SJ99710 07/26/90	BLNK HCP SJ99725 07/26/90	BLNK HCP SJ99795 07/27/90	BLNK HCP SJ99997 08/01/90
VOLATILE ORGANIC COMPOUND										
VOLATILE ORGANIC COMPOUND										
METHYLENE CHLORIDE	UG/L	< 0.5	< 1.0	< 1.0	< 0.5	1.6	< 1.0	< 1.0	< 0.5	< 1.0
CHLOROFORM	UG/L	< 0.5	< 0.5	< 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	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 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	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
P-DICHLORO BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
O-XYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 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	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
ACID-BASE NEUTRAL EXTRACT										
ACENAPHTHENE	UG/L		A	A	< 2	< 2	D	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L		A	A	< 2	< 2	D	< 2	< 2	< 2
ANTHRACENE	UG/L		A	A	< 1	< 1	D	< 1	< 1	< 1
BENZIDINE	UG/L		A	A	< 62	< 62	D	< 62	< 62	< 62

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ99106	SJ99235	SJ99237	SJ99320	SJ99570	SJ99719	SJ99725	SJ99795	SJ99997
		07/11/90	07/16/90	07/16/90	07/17/90	07/24/90	07/26/90	07/26/90	07/27/90	08/01/90
ACID-BASE NEUTRAL EXTRACT										
BENZO(A)ANTHRACENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
BENZO(A)PYRENE	UG/L	A	A	A < 7	< 7	D < 7	< 7	< 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
BENZO(G,H,I)PERYLENE	UG/L	A	A	A < 6	< 6	D < 6	< 6	< 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	A	A	A < 5	< 5	D < 5	< 5	< 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	A	A	A < 7	< 7	D < 10	< 10	< 3	< 2	< 2
4-BROMOPHENYL PHENYLETHER	UG/L	A	A	A < 9	< 9	D < 9	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	A	A	A < 1	< 1	D < 1	< 1	< 1	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
CHRYSENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	A	A	A < 6	< 6	D < 6	< 6	< 6	< 6	< 6
1,2-DICHLOROBENZENE	UG/L	A	A	A < 10	< 10	D < 10	< 10	< 10	< 10	< 10
1,3-DICHLOROBENZENE	UG/L	A	A	A < 10	< 10	D < 10	< 10	< 10	< 10	< 10
1,4-DICHLOROBENZENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
3,3'-DICHLOROBENZIDINE	UG/L	A	A	A < 100	< 100	D < 100	< 100	< 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 49	< 2	< 2
DIMETHYL PHTHALATE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 22	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	A	A	A < 4	< 4	D < 4	< 4	< 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	A	A	A < 5	< 5	D < 5	< 5	< 5	< 5	< 5
DI-N-OCTYL PHTHALATE	UG/L	A	A	A < 5	< 5	D < 5	< 5	< 5	< 5	< 5
1,2-DIPHENYLHYDRAZINE	UG/L	A	A	A < 1	< 1	D < 1	< 1	< 1	< 1	< 1
FLUORANTHENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
FLUORENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
HEXACHLOROBENZENE	UG/L	A	A	A < 1	< 1	D < 1	< 1	< 1	< 1	< 1
HEXACHLOROBUTADIENE	UG/L	A	A	A < 10	< 10	D < 10	< 10	< 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	A	A	A < 100	< 100	D < 100	< 100	< 100	< 100	< 100
HEXACHLOROETHANE	UG/L	A	A	A < 12	< 12	D < 12	< 12	< 12	< 12	< 12
INDENO(1,2,3-C,D)PYRENE	UG/L	A	A	A < 6	< 6	D < 6	< 6	< 6	< 6	< 6
ISOPHORONE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
NAPHTHALENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
NITROBENZENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
N-NITROSODIMETHYLAMINE	UG/L	A	A	A < 30	< 30	D < 30	< 30	< 30	< 30	< 30
N-NITROSODI-N-PROPYLAMINE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
PHENANTHRENE	UG/L	A	A	A < 1	< 1	D < 1	< 1	< 1	< 1	< 1
PYRENE	UG/L	A	A	A < 2	< 2	D < 2	< 2	< 2	< 2	< 2
2,3,7,8-TCDD	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3
2-CHLOROPHENOL	UG/L	A	A	A < 8	< 8	D < 8	< 8	< 8	< 8	< 8
1,2,4-TRICHLOROBENZENE	UG/L	A	A	A < 3	< 3	D < 3	< 3	< 3	< 3	< 3

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ99106	SJ99235	SJ99237	SJ99320	SJ99570	SJ99719	SJ99725	SJ99795	SJ99997
		07/11/90	07/16/90	07/16/90	07/17/90	07/24/90	07/26/90	07/26/90	07/27/90	08/01/90
ACID-BASE NEUTRAL EXTRACT										
2,4-DICHLOROPHENOL	UG/L		A	A <	3 <	3 D <	3 <	3 <	3 <	3 <
2,4-DIMETHYLPHENOL	UG/L		A	A <	3 <	3 D <	3 <	3 <	3 <	3 <
2,4-DINITROPHENOL	UG/L		A	A <	39 <	39 D <	39 <	39 <	39 <	39 <
2-METHYL-4,6DINITROPHENOL	UG/L		A	A <	17 <	17 D <	17 <	17 <	17 <	17 <
2-NITROPHENOL	UG/L		A	A <	5 <	5 D <	5 <	5 <	5 <	5 <
4-NITROPHENOL	UG/L		A	A <	6 <	6 D <	6 <	6 <	6 <	6 <
4-CHLORO-3-METHYLPHENOL	UG/L		A	A <	2 <	2 D <	2 <	2 <	2 <	2 <
PENTACHLOROPHENOL	UG/L		A	A <	16 <	16 D <	16 <	16 <	16 <	16 <
PHENOL	UG/L		A	A <	3 <	3 D	1 C <	3 <	1 C	1 C
2,4,6-TRICHLOROPHENOL	UG/L		A	A <	2 <	2 D <	2 <	2 <	2 <	2 <
N-NITROSODIPHENYLAMINE	UG/L		A	A <	2 <	2 D <	2 <	2 <	2 <	2 <

FOOTNOTES : A-INSUFFICIENT SAMPLE B-CONSTIT NOT ANALYZE C-VALUE <MDL, >IDL D-DUPLICATE SPIKE

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES COLLECTED DURING
REMEDIAL INVESTIGATION DRILLING PROGRAM (06/90 - 10/90)

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ00122	EQUIPMENT BLANK, F.I. E-022 08/03/90	705, 720, 725, 734 BROWN & CALDWELL HYDROCARBONS, M8015, 8020 ANALYZED BY MONTGOMERY VOC'S 8/8/90 BNA EXT 08-10-90 INJ 08-15-90
SJ00123	EQUIPMENT BLANK, F.I. E-023 08/03/90	705, 720, 725, 734 BROWN & CALDWELL HYDROCARBONS, M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 8/8/90 BNA EXT 08-10-90 INJ 08-15-90
SJ00186	EQUIPMENT BLANK, F.I. E-024 08/06/90	HEADER INFORMATION MODIFIED ON 11/10/92 HYDROCARBONS, MONTGOMERY LABS. SAMPLE CHROMATOGRAM SHOWED THE PRESENCE OF A SINGLE PEAK WHICH IS NOT TYPICAL OF GASOLINE. 705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 8/8/90 BNA EXT 08-10-90 INJ 08-16-90 10 NOV 92 - SAMPLE TYPE CHANGED FROM "WELL" TO "BLNK", TO REFLECT SAMPLE TYPE SHOWN ON SAMPLE REQUEST FORM. CHANGE REQUESTED BY E. LADEN. (JPG)
SJ00521	EQUIPMENT BLANK, F.I. E-025 08/13/90	HEADER INFORMATION MODIFIED ON 11/10/92 C15 MODIFIED 8015 HYDROCARBONS, MONTGOMERY LABS 705, 720, 725, & 734 BY BCA VOC'S 8/15/90 BNA EXT 08-17-90 INJ 08-31-90 10 NOV 92 - SAMPLE TYPE CHANGED FROM "WELL" TO "BLNK" TO REFLECT SAMPLE TYPE SHOWN ON SAMPLE REQUEST FORM. CHANGED REQUESTD BY E. LADEN. (JPG)
SJ00635	RINSATE BLANK, F.I. E-026 08/14/90	VOC'S 8/16/90 ACETONE APPROX. 45UG/L.
SJ00761	EQUIPMENT BLANK, F.I. E-027 08/16/90	C15 MODIFIED 8015 HYDROCARBONS, 8020 MONTGOMERY. 705, 720, 725, & 734 BY BCA LABS VOC'S 08/20/90 BNA EXT 08-23-90 INJ 08-31-90 BLANK 812: 8 UG/L
SJ00905	EQUIPMENT BLANK, F.I. E-028 08/20/90	HYDROCARBONS, M8015, 8020 ANALYZED BY MONTGOMERY. AS, S8, SE AND TL ANALYZED BY BCA. SAMPLE ORIGINALLY NOT ASSIGNED TO SJCWQL VOC'S 8/22/90
SJ01046	EQUIPMENT BLANK, F.I. E-029 08/21/90	705, 705, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 8/23/90 BNA EXT 08-23-90 INJ 09-01-90 BLANK 812: 8 UG/L

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES COLLECTED DURING
REMEDIAL INVESTIGATION DRILLING PROGRAM (06/90 - 10/90)

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ01121	EQUIPMENT BLANK, F.I. E-030 08/22/90	705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 8/24/90 BNA EXT 08-29-90 INJ 08-31-90
SJ01459	EQUIPMENT BLANK, F.I. E-031 08/28/90	705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. 8010 ANALYZED BY MONTGOMERY VOC'S 8/30/90 BNA EXT 09-04-90 INJ 09-12-90
SJ01515	EQUIPMENT BLANK, F.I. E-032 08/29/90	705, 520, 725, & 734 BY BCA MOD. 8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 8/31/90 BNA EXT 09-04-90 INJ 09-12-90
SJ01629	RINSATE BLANK, F.I. E-033 08/31/90	VOC'S 9/6/90
SJ01740	EQUIPMENT BLANK, F.I. E-034 09/04/90	AS, SE, SB, TL ANALYZED BY BCA MOD. 8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 9/7/90 BNA EXT 09-07-90 INJ 09-12-90
SJ02145	EQUIPMENT BLANK, F.I. E-035 09/11/90	SE, SB, AS, TL ANALYZED BY BCA M 8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 9/17/90 BNA EXT 09-17-90 INJ 09-19-90 BLANK 812: 5 UG/L
SJ02148	EQUIPMENT BLANK, F.I. E-036 09/11/90	AS, SE, SB, TL ANALYZED BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 9/17/90 BNA EXT 09-17-90 INJ 09-19-90 BLANK 812: 5 UG/L
SJ02209	EQUIPMENT BLANK, F.I. E-037 09/12/90	705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 9/17/90 BNA EXT 09-19-90 INJ 09-26-90
SJ02423	EQUIPMENT BLANK, F.I. E-038 09/17/90	705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. 408 NOT ANALYZED DUE TO EXCESS SILT. VOC'S 9/27/90; O-XYLENE; <0.5UG/L, M+P-XYLENES; <0.5UG/L. BNA EXT 09-19-90 INJ 09-26-90
SJ02487	EQUIPMENT BLANK, F.I. E-039 09/18/90	705, 720, 725, & 734 BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. 408 NOT ANALYZED DUE TO EXCESS SILT VOC'S 9/27/90 BNA EXT 09-25-90 INJ 10-06-90

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES COLLECTED DURING
REMEDIAL INVESTIGATION DRILLING PROGRAM (06/90 - 10/90)

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ02983	EQUIPMENT BLANK, F.I. E-040 09/26/90	705, 720, 725, & 734 BY BCA M8015 AND 8020 ANALYZED BY MONTGOMERY 408 NOT ANALYZED DUE TO EXCESS SILT. VOC'S 10/02/90 BNA EXT 10-03-90 INJ 10-06-90
SJ03150	EQUIPMENT BLANK FIE-041 09/28/90	AS,SE,SB,TL ANALYZED BY BCA M8015, 8020 ANALYZED BY MONTGOMERY. VOC'S 10/3/90 BNA EXT 10-03-90 INJ 10-06-90
SJ03531	EQUIPMENT BLANK, F.I. E-042 10/05/90	AS,SE,SB,TL ANALYZED BY BCA M8015 AND 8020 ANALYZED BY MONTGOMERY VOC'S 10/10/90 BNA EXT 10-10-90 INJ 11-09-90 BNA TO BE RESET TO CONFIRM MATRIX INTERFERENCE. MOD 8015, 8020 AND OIL AND GREASE BY MONTGOMERY VOC'S 10/12/90 BNA EXT 10-16-90 INJ 10-24-90; MATRIX INTERFERENCE TO BE CONFIRMED
SJ03838	EQUIPMENT BLANK, F.I. E-044 10/11/90	MOD. 8015 AND 8020 ANALYZED BY MONTGOMERY AS,SE,SB,TL ANALYZED BY BCA VOC'S 10/16/90 BNA EXT 10-16-90 INJ 11-09-90 BNA TO BE RESET TO CONFIRM MATRIX INTERFERENCE.

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK HCP SJ00122 08/03/90	BLNK HCP SJ00123 08/03/90	BLNK HCP SJ00186 08/06/90	BLNK HCP SJ00521 08/13/90	BLNK HCP SJ00635 08/14/90	BLNK HCP SJ00761 08/16/90	BLNK HCP SJ00905 08/20/90	BLNK HCP SJ01046 08/21/90	BLNK HCP SJ01121 08/22/90	BLNK HCP SJ01459 08/28/90
GENERAL											
PH	PH	6.90	6.70	6.58	5.60		7.10		A 6.35	6.70	6.90
CONDUCTIVITY	UMHOS/CM	3.3	2.5	1.4	2.0		2.8		A 3.0	2.7	2.6
ANIONS											
NITRATE NITROGEN	MG/L N	< 0.01	0.02	0.01	< 0.01		0.07		A 2.34	0.31	< 0.05
SULFATE	MG/L SO4	1.00	1.00 B	1.00	1.00		0.60		A 0.80	0.70	1.00
CHLORIDE	MG/L CL	< 1	< 1	< 1	< 1.0		0.60		A 0.60	0.60	1.00
CATIONS											
CALCIUM	MG/L CA	0.2	0.53	< 0.15	0.15		0.29		< 0.15	< 0.15	< 0.15
MAGNESIUM	MG/L MG	0.15	0.13	< 0.2	0.2		< 0.2		< 0.2	< 0.2	< 0.2
SODIUM	MG/L NA	< 2.6	< 2.6	< 2.6	< 2.6		< 2.6		< 2.6	< 2.6	< 2.6
POTASSIUM	MG/L K	< 0.4	< 0.4	< 0.4	< 0.8		< 0.8		< 0.4	< 0.4	< 0.4
IRON	MG/L FE	0.10	0.04	0.10	0.23		0.02		0.04	0.05	0.02
MANGANESE	MG/L MN	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01
ORGANIC MATTER											
OIL & GREASE	MG/L EXTRAC		A	A	A		A		A	A	A
HYDROCARBONS-MODIFIEDB015	MG/L HC	< 0.05	< 0.05	0.09 C	< 0.05 C		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
METALS											
ARSENIC	MG/L AS	<0.002	<0.002	<.0005	<.0005		<.0005		<.0005	<.0005	<.0005
BARIUM	MG/L BA	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02		< 0.02	< 0.02	< 0.02
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02		< 0.02	< 0.02	< 0.02
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	< 0.04		< 0.04		< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	.0003	<.0001		<.0001		A <.0001	<.0001	<.0001
NICKEL	MG/L NI	< 0.03	< 0.03	< 0.03	< 0.03		< 0.03		< 0.03	< 0.03	< 0.03
SELENIUM	MG/L SE	.0006	.0005	<.0005	<.0005		.0006		.0007	.0007	<.0005
SILVER	MG/L AG	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.05	< 0.02	0.06	0.03		0.04		< 0.02	< 0.02	< 0.02
ANTIMONY	MG/L SB	< 0.03	< 0.03	< 0.03	< 0.03		<0.005		<0.005	<0.005	<0.005
BERYLLIUM	MG/L BE	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01		< 0.01	< 0.01	< 0.01
MOLYBDENUM	MG/L MO	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02		< 0.02	< 0.02	< 0.02
THALLIUM	MG/L TL	< 0.03	< 0.03	< 0.03	< 0.03		<0.005		<0.005	<0.005	<0.005
VANADIUM	MG/L V	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02		< 0.02	< 0.02	< 0.02

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ00122	SJ00123	SJ00186	SJ00521	SJ00635	SJ00761	SJ00905	SJ01046	SJ01121	SJ01459
		08/03/90	08/03/90	08/06/90	08/13/90	08/14/90	08/16/90	08/20/90	08/21/90	08/22/90	08/28/90
VOLATILE ORGANIC COMPOUND											
VOLATILE ORGANIC COMPOUND											
METHYLENE CHLORIDE	UG/L	3.3	< 0.5	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5	< 1.0	1.2	< 0.5
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 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	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5
BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 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	< 0.5	< 0.5	< 0.5	< 0.5
O-XYLENE	UG/L	< 0.5	< 0.5	< 0.5	D	D	< 0.5	D	< 0.5	D	D
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M+P-XYLENE	UG/L	0.6	< 0.5	< 0.5	D	D	< 0.5	D	< 0.5	D	D
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	A	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	A	< 2	< 2	< 2
ANTHRACENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	A	< 1	< 1	< 1
BENZIDINE	UG/L	< 62	< 62	< 62	< 62	< 62	< 62	A	< 62	< 62	< 62

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 05/13/93

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		08/03/90	08/03/90	08/06/90	08/13/90	08/14/90	08/16/90	08/20/90	08/21/90	08/22/90	08/28/90
ACID-BASE NEUTRAL EXTRACT											
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7		< 7		A < 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
BENZO(G,H,I)PERYLENE	UG/L	< 6	< 6	< 6	< 6		< 6		A < 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5		< 5		A < 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L		28	33	11	< 10		2 E	A < 10	< 10	2 E
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9	< 9	< 9		< 9		A < 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1		< 1		A < 1	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
CHRYSENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6		< 6		A < 6	< 6	< 6
1,2-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10		< 10		A < 10	< 10	< 10
1,3-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10		< 10		A < 10	< 10	< 10
1,4-DICHLOROBENZENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100	< 100	< 100		< 100		A < 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 6	< 4	< 4	< 4		< 4		A < 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5		< 5		A < 5	< 5	< 5
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 5		< 5		A < 5	< 5	< 5
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 1	< 1		< 1		A < 1	< 1	< 1
FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
FLUORENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
HEXACHLOROBENZENE	UG/L	< 1	< 1	< 1	< 1		< 1		A < 1	< 1	< 1
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10		< 10		A < 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100	< 100	< 100		< 100		A < 100	< 100	< 100
HEXACHLOROETHANE	UG/L	< 12	< 12	< 12	< 12		< 12		A < 12	< 12	< 12
INDENO(1,2,3-C,D)PYRENE	UG/L	< 6	< 6	< 6	< 6		< 6		A < 6	< 6	< 6
ISOPHORONE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
NAPHTHALENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
NITROBENZENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
N-NITROSODIMETHYLAMINE	UG/L	< 30	< 30	< 30	< 30		< 30		A < 30	< 30	< 30
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
PHENANTHRENE	UG/L	< 1	< 1	< 1	< 1		< 1		A < 1	< 1	< 1
PYRENE	UG/L	< 2	< 2	< 2	< 2		< 2		A < 2	< 2	< 2
2,3,7,8-TCDD	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3
2-CHLOROPHENOL	UG/L	< 8	< 8	< 8	< 8		< 8		A < 8	< 8	< 8
1,2,4-TRICHLOROBENZENE	UG/L	< 3	< 3	< 3	< 3		< 3		A < 3	< 3	< 3

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ00122	SJ00123	SJ00186	SJ00521	SJ00635	SJ00761	SJ00905	SJ01046	SJ01121	SJ01459
		08/03/90	08/03/90	08/06/90	08/13/90	08/14/90	08/16/90	08/20/90	08/21/90	08/22/90	08/28/90
ACID-BASE NEUTRAL EXTRACT											
2,4-DICHLOROPHENOL	UG/L	< 3	< 3	< 3	< 3		< 3	A < 3	< 3	< 3	< 3
2,4-DIMETHYLPHENOL	UG/L	< 3	< 3	< 3	< 3		< 3	A < 3	< 3	< 3	< 3
2,4-DINITROPHENOL	UG/L	< 39	< 39	< 39	< 39		< 39	A < 39	< 39	< 39	< 39
2-METHYL-4,6DINITROPHENOL	UG/L	< 17	< 17	< 17	< 17		< 17	A < 17	< 17	< 17	< 17
2-NITROPHENOL	UG/L	< 5	< 5	< 5	< 5		< 5	A < 5	< 5	< 5	< 5
4-NITROPHENOL	UG/L	< 6	< 6	< 6	< 6		< 6	A < 6	< 6	< 6	< 6
4-CHLORO-3-METHYLPHENOL	UG/L	< 2	< 2	< 2	< 2		< 2	A < 2	< 2	< 2	< 2
PENTACHLOROPHENOL	UG/L	< 16	< 16	< 16	< 16		< 16	A < 16	< 16	< 16	< 16
PHENOL	UG/L	< 19	< 3	< 3	< 3		< 1 E	A < 3	< 3	< 3	< 3
2,4,6-TRICHLOROPHENOL	UG/L	< 2	< 2	< 2	< 2		< 2	A < 2	< 2	< 2	< 2
N-NITROSODIPHENYLAMINE	UG/L	< 2	< 2	< 2	< 2		< 2	A < 2	< 2	< 2	< 2

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
 F-AVERAGE OF DUPS

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

CONSTITUENT/WELL NO.	UNITS	BLNK		BLNK		BLNK		BLNK		BLNK		BLNK		BLNK	
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
PH		7.8	7.00	6.90	6.90	6.90	6.90	6.90	6.90	6.70	7.00	6.72	7.80		
CONDUCTIVITY		2.7	6.3 F	14.5	5.2	4.1	2.4	2.1	11.1	8.0					
ANIONS															
NITRATE NITROGEN		< 0.05	< 0.05	0.14	< 0.05	< 0.05	< 0.05	0.07	< 0.05 B	< 0.05	< 0.10	< 0.05			
SULFATE		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00 B	1.00	1.00	1.00			
CHLORIDE		1.00	7.00	2.00	1.00	1.00	1.00	1.00	1.00 B	1.00	1.00	1.00			
CATIONS															
CALCIUM		< 0.15	1.69	0.86	< 0.46	1.13	< 0.15	< 0.44	1.11	0.71	0.35	0.22			
MAGNESIUM		< 0.2	0.71	0.3	< 0.2	< 0.2	< 0.2	0.35	0.35	0.22	0.35	0.22			
SODIUM		< 2.6	0.5	2	0.7	0.6	0.4	0.4	0.4	0.2	0.3	0.1			
POTASSIUM		< 0.4	0.3	1	0.2	0.1	< 0.04	0.2	0.2	0.3	0.1	0.1			
IRON		0.22	0.08	0.24	0.12	0.08	0.08	1.24	0.58	0.04	0.04	0.04			
MANGANESE		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
ORGANIC MATTER															
OIL & GREASE		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
HYDROCARBONS-MODIFIED		0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
METALS															
ARSENIC		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
BARIUM		< 0.02	0.21	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
CADMIUM		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
TOTAL CHROMIUM		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
LEAD		< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04			
MERCURY		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
NICKEL		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03			
SELENIUM		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
SILVER		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
ZINC		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
ANTIMONY		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
BERYLLIUM		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
MOLYBDENUM		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
THALLIUM		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
VANADIUM		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
 F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		HCP SJ01515 08/29/90	HCP SJ01629 08/31/90	HCP SJ01740 08/04/90	HCP SJ02145 09/11/90	HCP SJ02146 09/11/90	HCP SJ02209 09/12/90	HCP SJ02423 09/17/90	HCP SJ02487 09/18/90	HCP SJ02983 09/26/90	HCP SJ03150 09/28/90	
VOLATILE ORGANIC COMPOUND												
VOLATILE ORGANIC COMPOUND												
METHYLENE CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.9	< 0.5	< 0.5
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 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	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-XYLENE	UG/L										< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 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	< 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	< 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	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M-XYLENE	UG/L											
O+P-XYLENE	UG/L											
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M+P-XYLENE	UG/L										< 0.5	< 0.5
ACID-BASE NEUTRAL EXTRACT												
ACENAPHTHENE	UG/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
ACENAPHTHYLENE	UG/L	< 2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 05/13/93

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		SJ01515	SJ01629	SJ01740	SJ02145	SJ02146	SJ02209	SJ02423	SJ02487	SJ02983	SJ03150
		08/29/90	08/31/90	09/04/90	09/11/90	09/11/90	09/12/90	09/17/90	09/18/90	09/26/90	09/28/90
ACID-BASE NEUTRAL EXTRACT											
ANTHRACENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BENZIDINE	UG/L	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(G.H.I.)PERYLENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	< 10	18	4 E	10	< 10	< 10	< 10	< 10	7 E	3 E
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHRYSENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
1,2-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,3-DICHLOROBENZENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,4-DICHLOROBENZENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
FLUORANTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
FLUORENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
HEXACHLOROBENZENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
HEXACHLOROETHANE	UG/L	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12
INDENO(1,2,3-C,D)PYRENE	UG/L	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
ISOPHORONE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
NAPHTHALENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
NITROBENZENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
N-NITROSODIMETHYLAMINE	UG/L	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
PHENANTHRENE	UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PYRENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
2,3,7,8-TCDD	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 05/13/93

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK
		HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP	HCP
		08/29/90	08/31/90	09/04/90	09/11/90	09/11/90	09/12/90	09/17/90	09/18/90	09/26/90	09/28/90
ACID-BASE NEUTRAL EXTRACT											
2-CHLOROPHENOL	UG/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
1,2,4-TRICHLOROBENZENE	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2,4-DICHLOROPHENOL	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2,4-DIMETHYLPHENOL	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2,4-DINITROPHENOL	UG/L	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
2-METHYL-4,6DINITROPHENOL	UG/L	< 17	< 17	< 17	< 17	< 17	< 17	< 17	< 17	< 17	< 17
2-NITROPHENOL	UG/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
4-NITROPHENOL	UG/L	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
4-CHLORO-3-METHYLPHENOL	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
PENTACHLOROPHENOL	UG/L	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
PHENOL	UG/L	1 E	< 3	1 E	< 3	< 3	< 3	< 3	1 E	< 3	< 3
2,4,6-TRICHLOROPHENOL	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
N-NITROSODIPHENYLAMINE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 05/13/93

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK HCP SJ03531 10/05/90	BLNK HCP SJ03686 10/09/90	BLNK HCP SJ03838 10/11/90
GENERAL				
PH	PH	7.40	6.45	7.09
CONDUCTIVITY	UMHOS/CM	3.1	3.0	2.8
ANIONS				
NITRATE NITROGEN	MG/L N	< 0.05	< 0.05	< 0.05
SULFATE	MG/L SO4	1.00	2.00	1.00
CHLORIDE	MG/L CL	1.00	1.00	1.00
CATIONS				
CALCIUM	MG/L CA	< 0.15	0.41	0.36
MAGNESIUM	MG/L MG	< 0.2	< 0.2	< 0.2
SODIUM	MG/L NA	< 0.1	0.6	0.2
POTASSIUM	MG/L K	< 0.04	0.1	0.1
IRON	MG/L FE	< 0.02	0.03	< 0.02
MANGANESE	MG/L MN	< 0.01	< 0.01	< 0.01
ORGANIC MATTER				
OIL & GREASE	MG/L EXTRAC	< 0.05	< 0.05	< 0.05
HYDROCARBONS-MODIFIED8015	MG/L HC	< 0.05	< 0.05	< 0.05
METALS				
ARSENIC	MG/L AS	<.0005	<.0005	<.0005
BARIUM	MG/L BA	< 0.02	< 0.02	< 0.02
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02	< 0.02
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001 B	<.0001	<.0001
NICKEL	MG/L NI	< 0.03	< 0.03	< 0.03
SELENIUM	MG/L SE	<.0005	<.0005	<.0005
SILVER	MG/L AG	<0.005	<0.005	<0.005
ZINC	MG/L ZN	0.04	< 0.02	< 0.02
ANTIMONY	MG/L SB	<0.005	<0.005	<0.005
BERYLLIUM	MG/L BE	< 0.01	< 0.01	< 0.01
MOLYBDENUM	MG/L MO	< 0.02	< 0.02	< 0.02
THALLIUM	MG/L TL	<0.005	<0.005	<0.005
VANADIUM	MG/L V	< 0.02	< 0.02	< 0.02

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK
		HCP	HCP	HCP
		SJ03531	SJ03686	SJ03838
		10/05/90	10/09/90	10/11/90
VOLATILE ORGANIC COMPOUND				
VOLATILE ORGANIC COMPOUND				
METHYLENE CHLORIDE	UG/L	< 0.5	< 0.5	< 0.5
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	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.5
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5
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	< 0.5	< 0.5	< 0.5
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5
BENZENE	UG/L	< 0.5	< 0.5	< 0.5
TOLUENE	UG/L	< 0.5	< 0.5	< 0.5
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.5
O-XYLENE	UG/L	< 0.5	< 0.5	< 0.5
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.5	< 0.5	< 0.5
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.6
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5
2-CHLOROETHYLVINYLETH	UG/L	< 1.0	< 1.0	< 1.0
CHLOROMETHANE	UG/L	< 2.5	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5
M+P-XYLENE	UG/L	< 0.5	< 0.5	< 0.5
ACID-BASE NEUTRAL EXTRACT				
ACENAPHTHENE	UG/L	< 2	< 3	< 8
ACENAPHTHYLENE	UG/L	< 2	< 3	< 8
ANTHRACENE	UG/L	< 1	< 1	< 4
BENZIDINE	UG/L	< 62	< 80	< 248

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
 F-AVERAGE OF DUPS

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK
		HCP	HCP	HCP
		SJ03531	SJ03686	SJ03838
		10/05/90	10/09/90	10/11/90
ACID-BASE NEUTRAL EXTRACT				
BENZO(A)ANTHRACENE	UG/L	< 2	< 3	< 8
BENZO(A)PYRENE	UG/L	< 7	< 9	< 28
BENZO(B)FLUORANTHENE	UG/L	< 2	< 3	< 8
BENZO(G.H.I.)PERYLENE	UG/L	< 6	< 8	< 24
BENZO(K)FLUORANTHENE	UG/L	< 2	< 3	< 8
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 4	< 12
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 6	< 20
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 4	< 12
DIETHYLHEXYL PHTHALATE	UG/L	1 E	< 13	2 E
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 12	< 36
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 4	< 12
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 4
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 3	< 8
CHRYSENE	UG/L	< 2	< 3	< 8
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 8	< 24
1,2-DICHLOROBENZENE	UG/L	< 10	< 13	< 40
1,3-DICHLOROBENZENE	UG/L	< 10	< 13	< 40
1,4-DICHLOROBENZENE	UG/L	< 2	< 3	< 8
3,3'-DICHLOROBENZIDINE	UG/L	< 100	< 129	< 400
DIETHYL PHTHALATE	UG/L	< 2	< 3	< 8
DIMETHYL PHTHALATE	UG/L	< 3	< 4	< 12
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 5	< 16
2,4-DINITROTOLUENE	UG/L	< 3	< 4	< 12
2,6-DINITROTOLUENE	UG/L	< 5	< 6	< 20
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 6	< 20
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 4
FLUORANTHENE	UG/L	< 2	< 3	< 8
FLUORENE	UG/L	< 2	< 3	< 8
HEXACHLOROBENZENE	UG/L	< 1	< 1	< 4
HEXACHLOROBUTADIENE	UG/L	< 10	< 13	< 40
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 129	< 400
HEXACHLOROETHANE	UG/L	< 12	< 15	< 48
INDENO(1,2,3-C,D)PYRENE	UG/L	< 6	< 8	< 24
ISOPHORONE	UG/L	< 3	< 4	< 12
NAPHTHALENE	UG/L	< 2	< 3	< 8
NITROBENZENE	UG/L	< 2	< 3	< 8
N-NITROSODIMETHYLAMINE	UG/L	< 30	< 39	< 120
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2	< 3	< 8
PHENANTHRENE	UG/L	< 1	< 1	< 4
PYRENE	UG/L	< 2	< 3	< 8
2,3,7,8-TCDD	UG/L	< 3	< 4	< 12
2-CHLOROPHENOL	UG/L	< 8	< 10	< 32
1,2,4-TRICHLOROBENZENE	UG/L	< 3	< 4	< 12

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
F-AVERAGE OF DUPS

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK
		HCP	HCP	HCP
		SJD3531	SJD3686	SJ03838
		10/05/90	10/09/90	10/11/90
ACID-BASE NEUTRAL EXTRACT				
2,4-DICHLOROPHENOL	UG/L	< 3	< 4	< 12
2,4-DIMETHYLPHENOL	UG/L	< 3	< 4	< 12
2,4-DINITROPHENOL	UG/L	< 39	< 50	< 156
2-METHYL-4,6DINITROPHENOL	UG/L	< 17	< 22	< 68
2-NITROPHENOL	UG/L	< 5	< 6	< 20
4-NITROPHENOL	UG/L	< 6	< 8	< 24
4-CHLORO-3-METHYLPHENOL	UG/L	< 2	< 3	< 8
PENTACHLOROPHENOL	UG/L	< 16	< 21	< 64
PHENOL	UG/L	< 3	< 4	< 12
2,4,6-TRICHLOROPHENOL	UG/L	< 2	< 3	< 8
N-NITROSODIPHENYLAMINE	UG/L	< 2	< 3	< 8

FOOTNOTES : A-INSUFFICIENT SAMPLE B-DUPLICATE SPIKE C-AMENDED TEST RESULT D-CONSTIT NOT ANALYZE E-VALUE <MDL, >IDL
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