

PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT

APPENDIX B.3.1.6
EQUIPMENT BLANK RESULTS

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10197 M49A	AMMONIA NITROGEN	0.3000 MG/L N

Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank ARSENIC
Concentration in Equipment Blank 0.0130

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	ARSENIC	0.0710 MG/L AS
SJ10195 P4-6	ARSENIC	0.0270 MG/L AS
SJ10196 P410	ARSENIC	0.0072 MG/L AS
SJ10197 M49A	ARSENIC	0.0180 MG/L AS
SJ10245 P4	ARSENIC	0.0670 MG/L AS

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

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Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10195 P4-6	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10196 P410	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10197 M49A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 6.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10245 P4	DIETHYLHEXYL PHTHALATE	38.0000 UG/L

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank IRON
Concentration in Equipment Blank 0.1600

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10195 P4-6	IRON	0.9900 MG/L FE
SJ10196 P410	IRON	0.3400 MG/L FE

Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	NITRATE NITROGEN	0.0700 MG/L N
SJ10196 P410	NITRATE NITROGEN	0.1000 MG/L N
SJ10197 M49A	NITRATE NITROGEN	0.0800 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/07/91
 Job Number of Equipment Blank SJ10198

Compound in Equipment Blank OIL & GREASE
 Concentration in Equipment Blank 4.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	OIL & GREASE	4.0000 MG/L EXTRACT
SJ10195 P4-6	OIL & GREASE	3.8000 MG/L EXTRACT
SJ10196 P410	OIL & GREASE	3.3000 MG/L EXTRACT
SJ10197 M49A	OIL & GREASE	7.8000 MG/L EXTRACT

Sample Date of Equipment Blank 01/07/91
 Job Number of Equipment Blank SJ10198

Compound in Equipment Blank PHENOL
 Concentration in Equipment Blank 5.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	PHENOL	3.0000 UG/L
SJ10245 P4	PHENOL	4.0000 UG/L

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank SELENIUM
Concentration in Equipment Blank 0.0011

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	SELENIUM	0.0079 MG/L SE

Sample Date of Equipment Blank 01/07/91
Job Number of Equipment Blank SJ10198

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.0200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10194 PV3	ZINC	0.1800 MG/L ZN
SJ10195 P4-6	ZINC	0.0900 MG/L ZN
SJ10196 P410	ZINC	0.0600 MG/L ZN
SJ10245 P4	ZINC	0.0800 MG/L ZN

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	AMMONIA NITROGEN	0.1000 MG/L N
SJ10424 M47B	AMMONIA NITROGEN	0.5000 MG/L N
SJ10426 M45A	AMMONIA NITROGEN	0.2000 MG/L N

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank BARIUM
Concentration in Equipment Blank 0.0200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	BARIUM	0.0400 MG/L BA
SJ10425 M48A	BARIUM	0.1300 MG/L BA
SJ10426 M45A	BARIUM	0.0400 MG/L BA

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10423 M46A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10424 M47B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10425 M48A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ10426 M45A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	DIETHYLHEXYL PHTHALATE	3.0000 UG/L
SJ10423 M46A	DIETHYLHEXYL PHTHALATE	4.0000 UG/L
SJ10424 M47B	DIETHYLHEXYL PHTHALATE	17.0000 UG/L
SJ10425 M48A	DIETHYLHEXYL PHTHALATE	20.0000 UG/L
SJ10426 M45A	DIETHYLHEXYL PHTHALATE	2.0000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/09/91
 Job Number of Equipment Blank SJ10427

Compound in Equipment Blank GROSS BETA RADIOACTIVITY
 Concentration in Equipment Blank 1.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	GROSS BETA RADIOACTIVITY	6.0000 PCI/L
SJ10423 M46A	GROSS BETA RADIOACTIVITY	10.0000 PCI/L
SJ10425 M48A	GROSS BETA RADIOACTIVITY	10.0000 PCI/L

Sample Date of Equipment Blank 01/09/91
 Job Number of Equipment Blank SJ10427

Compound in Equipment Blank OIL & GREASE
 Concentration in Equipment Blank 4.3000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	OIL & GREASE	1.0000 MG/L EXTRACT
SJ10424 M47B	OIL & GREASE	4.2000 MG/L EXTRACT

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank SOLUBLE BOD
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10422 M45A	SOLUBLE BOD	2.0000 MG/L O
SJ10423 M46A	SOLUBLE BOD	1.0000 MG/L O
SJ10424 M47B	SOLUBLE BOD	1.0000 MG/L O
SJ10425 M48A	SOLUBLE BOD	1.0000 MG/L O
SJ10426 M45A	SOLUBLE BOD	2.0000 MG/L O

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10427

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10425 M48A	TOTAL KJELDAHL NITROGEN	0.8000 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 01/09/91
 Job Number of Equipment Blank SJ10427

Compound in Equipment Blank TOTAL ORGANIC HALOGEN(TOX)
 Concentration in Equipment Blank 0.1200

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ10423 M46A	TOTAL ORGANIC HALOGEN(TOX)	0.8800 MG/L
SJ10424 M47B	TOTAL ORGANIC HALOGEN(TOX)	0.3600 MG/L
SJ10426 M45A	TOTAL ORGANIC HALOGEN(TOX)	0.4100 MG/L

Sample Date of Equipment Blank 02/05/91
 Job Number of Equipment Blank SJ11656

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ11651 M54B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ11652 M55B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ11653 M56B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ11654 M57B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ11655 M57B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank GROSS ALPHA RADIOACTIVITY
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11652 M55B	GROSS ALPHA RADIOACTIVITY	17.0000 PCI/L
SJ11654 M57B	GROSS ALPHA RADIOACTIVITY	1.0000 PCI/L
SJ11655 M57B	GROSS ALPHA RADIOACTIVITY	2.0000 PCI/L

Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11651 M54B	NITRATE NITROGEN	0.0800 MG/L N
SJ11652 M55B	NITRATE NITROGEN	0.7700 MG/L N
SJ11653 M56B	NITRATE NITROGEN	0.0400 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 8.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11651 M54B	SOLUBLE COD	39.0000 MG/L 0
SJ11652 M55B	SOLUBLE COD	11.0000 MG/L 0
SJ11653 M56B	SOLUBLE COD	6.0000 MG/L 0

Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank TOTAL DISSOLVED SOLIDS
Concentration in Equipment Blank 54.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11654 M57B	TOTAL DISSOLVED SOLIDS	478.0000 MG/L
SJ11655 M57B	TOTAL DISSOLVED SOLIDS	464.0000 MG/L

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11653 M56B	TOTAL KJELDAHL NITROGEN	0.3000 MG/L N
SJ11654 M57B	TOTAL KJELDAHL NITROGEN	0.5000 MG/L N
SJ11655 M57B	TOTAL KJELDAHL NITROGEN	0.3000 MG/L N

Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.5500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11653 M56B	TOTAL ORGANIC CARBON	1.8000 MG/L C
SJ11654 M57B	TOTAL ORGANIC CARBON	3.0000 MG/L C
SJ11655 M57B	TOTAL ORGANIC CARBON	1.5000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

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Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank TOTAL ORGANIC HALOGEN(TOX)
Concentration in Equipment Blank 30.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11651 M54B	TOTAL ORGANIC HALOGEN(TOX)	28.0000 UG/L
SJ11652 M55B	TOTAL ORGANIC HALOGEN(TOX)	25.0000 UG/L

Sample Date of Equipment Blank 02/05/91
Job Number of Equipment Blank SJ11656

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ11651 M54B	ZINC	0.6100 MG/L ZN
SJ11652 M55B	ZINC	0.0800 MG/L ZN
SJ11653 M56B	ZINC	0.1100 MG/L ZN
SJ11654 M57B	ZINC	0.0700 MG/L ZN
SJ11655 M57B	ZINC	0.0400 MG/L ZN

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank BICARBONATE ALKALINITY
Concentration in Equipment Blank 18.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	BICARBONATE ALKALINITY	110.0000 MG/L CACO3

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 22.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	CHLORIDE	34.0000 MG/L CL
SJ13244 M32B	CHLORIDE	50.0000 MG/L CL
SJ13245 M33B	CHLORIDE	150.0000 MG/L CL

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank CONDUCTIVITY
Concentration in Equipment Blank 110.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	CONDUCTIVITY	890.0000 UMHOS/CM

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank GROSS ALPHA RADIOACTIVITY
Concentration in Equipment Blank 0.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	GROSS ALPHA RADIOACTIVITY	0.3000 PCI/L
SJ13245 M33B	GROSS ALPHA RADIOACTIVITY	5.4000 PCI/L

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank GROSS BETA RADIOACTIVITY
Concentration in Equipment Blank 1.5000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	GROSS BETA RADIOACTIVITY	5.3000 PCI/L

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank HEXAVALENT CHROMIUM
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	HEXAVALENT CHROMIUM	0.0000 MG/L CR
SJ13244 M32B	HEXAVALENT CHROMIUM	0.0000 MG/L CR

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank HEXAVALENT CHROMIUM
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13245 M33B	HEXAVALENT CHROMIUM	0.0000 MG/L CR

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank LEAD
Concentration in Equipment Blank 0.0040

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	LEAD	0.0050 MG/L PB
SJ13244 M32B	LEAD	0.0120 MG/L PB
SJ13245 M33B	LEAD	0.0030 MG/L PB

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13247

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	NITRATE NITROGEN	0.0900 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
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Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13247

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.2000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation Test			Result	
SJ13244	M32B	NITRATE NITROGEN	0.0900 MG/L	N
SJ13245	M33B	NITRATE NITROGEN	0.0900 MG/L	N

Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13246

Compound in Equipment Blank SODIUM
 Concentration in Equipment Blank 20.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation Test			Result	
SJ13243	M30B	SODIUM	40.0000 MG/L	NA
SJ13244	M32B	SODIUM	46.0000 MG/L	NA
SJ13245	M33B	SODIUM	170.0000 MG/L	NA

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13247

Compound in Equipment Blank SOLUBLE COD
 Concentration in Equipment Blank 19.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	SOLUBLE COD	76.0000 MG/L 0
SJ13244 M32B	SOLUBLE COD	18.0000 MG/L 0
SJ13245 M33B	SOLUBLE COD	13.0000 MG/L 0

Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13246

Compound in Equipment Blank TOTAL ALKALINITY
 Concentration in Equipment Blank 18.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	TOTAL ALKALINITY	110.0000 MG/L CACO3

Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13246

Compound in Equipment Blank TOTAL DISSOLVED SOLIDS
 Concentration in Equipment Blank 87.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	TOTAL DISSOLVED SOLIDS	590.0000 MG/L

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13247

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	TOTAL KJELDAHL NITROGEN	0.3000 MG/L N

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 3.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13245 M33B	TOTAL ORGANIC CARBON	15.0000 MG/L C

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13246

Compound in Equipment Blank TOTAL ORGANIC HALOGEN(TOX)
Concentration in Equipment Blank 72.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13244 M32B	TOTAL ORGANIC HALOGEN(TOX)	46.0000 UG/L
SJ13245 M33B	TOTAL ORGANIC HALOGEN(TOX)	91.0000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 03/13/91
 Job Number of Equipment Blank SJ13246

Compound in Equipment Blank ZINC
 Concentration in Equipment Blank 0.0200

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ13243 M30B	ZINC	0.0400 MG/L ZN
SJ13244 M32B	ZINC	0.0400 MG/L ZN

Sample Date of Equipment Blank 05/07/91
 Job Number of Equipment Blank SJ15540

Compound in Equipment Blank AMMONIA NITROGEN
 Concentration in Equipment Blank 0.1000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	AMMONIA NITROGEN	0.1000 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 05/07/91
 Job Number of Equipment Blank SJ15540

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 05/07/91
 Job Number of Equipment Blank SJ15540

Compound in Equipment Blank OIL & GREASE
 Concentration in Equipment Blank 3.8000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	OIL & GREASE	12.7000 MG/L EXTRACT

Sample Date of Equipment Blank 05/07/91
 Job Number of Equipment Blank SJ15540

Compound in Equipment Blank SELENIUM
 Concentration in Equipment Blank 0.0030

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	SELENIUM	0.0180 MG/L SE
SJ15607 P4	SELENIUM	0.0200 MG/L SE

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 05/07/91
Job Number of Equipment Blank SJ15540

Compound in Equipment Blank SOLUBLE BOD
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	SOLUBLE BOD	2.0000 MG/L 0

Sample Date of Equipment Blank 05/07/91
Job Number of Equipment Blank SJ15540

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	TOTAL KJELDAHL NITROGEN	0.6000 MG/L N

Sample Date of Equipment Blank 05/07/91
Job Number of Equipment Blank SJ15540

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ15557 M52B	TOTAL ORGANIC CARBON	5.5000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 05/23/91
Job Number of Equipment Blank SJ16503

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ16500 M54B	AMMONIA NITROGEN	0.1000 MG/L N
SJ16501 M55B	AMMONIA NITROGEN	0.1000 MG/L N
SJ16502 M60B	AMMONIA NITROGEN	0.2000 MG/L N

Sample Date of Equipment Blank 05/23/91
Job Number of Equipment Blank SJ16503

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ16500 M54B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ16501 M55B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ16502 M60B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 05/23/91
Job Number of Equipment Blank SJ16503

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ16500 M54B	NITRATE NITROGEN	0.0900 MG/L N
SJ16502 M60B	NITRATE NITROGEN	0.0300 MG/L N

Sample Date of Equipment Blank 06/04/91
Job Number of Equipment Blank SJ17015

Compound in Equipment Blank ARSENIC
Concentration in Equipment Blank 0.0005

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ17014 M26A	ARSENIC	0.0033 MG/L AS
SJ17017 S7	ARSENIC	0.0030 MG/L AS

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 06/04/91
 Job Number of Equipment Blank SJ17015

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
-----		-----
SJ17014 M26A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ17016 P4	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ17017 S7	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 06/04/91
 Job Number of Equipment Blank SJ17015

Compound in Equipment Blank SOLUBLE BOD
 Concentration in Equipment Blank 1.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
-----		-----
SJ17014 M26A	SOLUBLE BOD	1.0000 MG/L 0

Sample Date of Equipment Blank 06/04/91
 Job Number of Equipment Blank SJ17015

Compound in Equipment Blank SOLUBLE COD
 Concentration in Equipment Blank 6.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
-----		-----
SJ17014 M26A	SOLUBLE COD	22.0000 MG/L 0

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 06/04/91
 Job Number of Equipment Blank SJ17015

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
 Concentration in Equipment Blank 0.3000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ17014 M26A	TOTAL KJELDAHL NITROGEN	0.7000 MG/L N

Sample Date of Equipment Blank 06/04/91
 Job Number of Equipment Blank SJ17015

Compound in Equipment Blank TOTAL ORGANIC CARBON
 Concentration in Equipment Blank 0.5000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ17014 M26A	TOTAL ORGANIC CARBON	2.0000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 07/12/91
Job Number of Equipment Blank SJ18939

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ18937 M24A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 07/12/91
Job Number of Equipment Blank SJ18939

Compound in Equipment Blank OIL & GREASE
Concentration in Equipment Blank 6.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ18937 M24A	OIL & GREASE	10.5000 MG/L EXTRACT

Sample Date of Equipment Blank 07/12/91
Job Number of Equipment Blank SJ18939

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 99.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ18937 M24A	SOLUBLE COD	464.0000 MG/L 0

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 07/16/91
Job Number of Equipment Blank SJ19058

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	AMMONIA NITROGEN	0.6000 MG/L N
SJ19057 M48A	AMMONIA NITROGEN	0.1000 MG/L N

Sample Date of Equipment Blank 07/16/91
Job Number of Equipment Blank SJ19058

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ19057 M48A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 07/16/91
Job Number of Equipment Blank SJ19058

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 3.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	DIETHYLHEXYL PHTHALATE	4.0000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 07/16/91
 Job Number of Equipment Blank SJ19058

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.0200

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	NITRATE NITROGEN	0.0300 MG/L N

Sample Date of Equipment Blank 07/16/91
 Job Number of Equipment Blank SJ19058

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
 Concentration in Equipment Blank 0.2000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	TOTAL KJELDAHL NITROGEN	1.1000 MG/L N
SJ19057 M48A	TOTAL KJELDAHL NITROGEN	1.4000 MG/L N

Sample Date of Equipment Blank 07/16/91
 Job Number of Equipment Blank SJ19058

Compound in Equipment Blank ZINC
 Concentration in Equipment Blank 0.0300

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ19056 M47B	ZINC	0.0500 MG/L ZN
SJ19057 M48A	ZINC	0.0800 MG/L ZN

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20669 M58B	CARBONATE ALKALINITY	0.0000 MG/L CAC03

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank COPPER
Concentration in Equipment Blank 0.1800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20663 L2	COPPER	0.3300 MG/L CU
SJ20664 L3	COPPER	0.2700 MG/L CU
SJ20665 L8	COPPER	0.1500 MG/L CU
SJ20666 L9	COPPER	0.0300 MG/L CU
SJ20669 M58B	COPPER	0.1400 MG/L CU

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20669 M58B	DIETHYLHEXYL PHTHALATE	5.0000 UG/L

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank NICKEL
Concentration in Equipment Blank 0.0500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20667 S7	NICKEL	0.0700 MG/L NI

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 11.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20663 L2	SOLUBLE COD	0.0000 MG/L O
SJ20664 L3	SOLUBLE COD	0.0000 MG/L O
SJ20665 L8	SOLUBLE COD	0.0000 MG/L O

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 11.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20669 M58B	SOLUBLE COD	25.0000 MG/L 0

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20663 L2	TOTAL KJELDAHL NITROGEN	0.0000 MG/L N
SJ20664 L3	TOTAL KJELDAHL NITROGEN	0.0000 MG/L N
SJ20665 L8	TOTAL KJELDAHL NITROGEN	0.0000 MG/L N

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 5.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20668 M26A	TOTAL ORGANIC CARBON	2.2000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/12/91
Job Number of Equipment Blank SJ20670

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.0400

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ20667 S7	ZINC	0.0600 MG/L ZN
SJ20669 M58B	ZINC	0.3800 MG/L ZN

Sample Date of Equipment Blank 08/27/91
Job Number of Equipment Blank SJ21535

Compound in Equipment Blank ARSENIC
Concentration in Equipment Blank 0.0420

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ21534 M61B	ARSENIC	0.0019 MG/L AS

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 08/27/91
Job Number of Equipment Blank SJ21535

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ21534 M61B	CARBONATE ALKALINITY	0.0000 MG/L CAC03

Sample Date of Equipment Blank 08/27/91
Job Number of Equipment Blank SJ21535

Compound in Equipment Blank COPPER
Concentration in Equipment Blank 0.0400

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	COPPER	0.0200 MG/L CU

Sample Date of Equipment Blank 08/27/91
Job Number of Equipment Blank SJ21535

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 29.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	DIETHYLHEXYL PHTHALATE	2.0000 UG/L
SJ21534 M61B	DIETHYLHEXYL PHTHALATE	5.0000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 08/27/91
 Job Number of Equipment Blank SJ21535

Compound in Equipment Blank GROSS ALPHA RADIOACTIVITY
 Concentration in Equipment Blank 40.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	GROSS ALPHA RADIOACTIVITY	0.7000 PCI/L
SJ21534 M61B	GROSS ALPHA RADIOACTIVITY	7.8000 PCI/L

Sample Date of Equipment Blank 08/27/91
 Job Number of Equipment Blank SJ21535

Compound in Equipment Blank GROSS BETA RADIOACTIVITY
 Concentration in Equipment Blank 25.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	GROSS BETA RADIOACTIVITY	0.3000 PCI/L
SJ21534 M61B	GROSS BETA RADIOACTIVITY	2.0000 PCI/L

Sample Date of Equipment Blank 08/27/91
 Job Number of Equipment Blank SJ21535

Compound in Equipment Blank SOLUBLE COD
 Concentration in Equipment Blank 13.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	SOLUBLE COD	6.0000 MG/L 0

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 08/27/91
 Job Number of Equipment Blank SJ21535
 Compound in Equipment Blank SOLUBLE COD
 Concentration in Equipment Blank 13.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ21534 M61B	SOLUBLE COD	13.0000 MG/L 0

Sample Date of Equipment Blank 08/27/91
 Job Number of Equipment Blank SJ21535
 Compound in Equipment Blank TOTAL ORGANIC CARBON
 Concentration in Equipment Blank 3.3000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ21533 M59B	TOTAL ORGANIC CARBON	10.0000 MG/L C
SJ21534 M61B	TOTAL ORGANIC CARBON	4.0000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 09/10/91
Job Number of Equipment Blank SJ22264

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22262 M32B	AMMONIA NITROGEN	0.7000 MG/L N

Sample Date of Equipment Blank 09/10/91
Job Number of Equipment Blank SJ22264

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22260 M30B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ22261 M33B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ22262 M32B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ22263 M37A	CARBONATE ALKALINITY	0.0000 MG/L CaCO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 09/10/91
Job Number of Equipment Blank SJ22264

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 7.5000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22260 M30B	CHLORIDE	43.0000 MG/L CL

Sample Date of Equipment Blank 09/10/91
Job Number of Equipment Blank SJ22264

Compound in Equipment Blank IRON
Concentration in Equipment Blank 0.0700

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22261 M33B	IRON	0.5000 MG/L FE

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 09/11/91
Job Number of Equipment Blank SJ22327

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22325 M43A	AMMONIA NITROGEN	0.5000 MG/L N
SJ22326 M44A	AMMONIA NITROGEN	0.5000 MG/L N

Sample Date of Equipment Blank 09/11/91
Job Number of Equipment Blank SJ22327

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22324 M42A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ22325 M43A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ22326 M44A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 09/11/91
Job Number of Equipment Blank SJ22327

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22324 M42A	TOTAL KJELDAHL NITROGEN	0.4000 MG/L N

Sample Date of Equipment Blank 09/11/91
Job Number of Equipment Blank SJ22327

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22324 M42A	TOTAL ORGANIC CARBON	4.3000 MG/L C

Sample Date of Equipment Blank 09/11/91
Job Number of Equipment Blank SJ22327

Compound in Equipment Blank TOTAL ORGANIC HALOGEN(TOX)
Concentration in Equipment Blank 66.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ22324 M42A	TOTAL ORGANIC HALOGEN(TOX)	48.0000 UG/L
SJ22325 M43A	TOTAL ORGANIC HALOGEN(TOX)	350.0000 UG/L
SJ22326 M44A	TOTAL ORGANIC HALOGEN(TOX)	460.0000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 10/03/91
 Job Number of Equipment Blank SJ23489

 Compound in Equipment Blank ARSENIC
 Concentration in Equipment Blank 0.0007

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ23487 M47B	ARSENIC	0.0015 MG/L AS

Sample Date of Equipment Blank 10/03/91
 Job Number of Equipment Blank SJ23489

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ23485 M45A	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ23486 M46A	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ23487 M47B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ23488 M48A	CARBONATE ALKALINITY	0.0000 MG/L CaCO3

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 10/09/91
 Job Number of Equipment Blank SJ23782

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ23779 M24A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ23780 M26A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ23781 P410	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 10/09/91
 Job Number of Equipment Blank SJ23782

Compound in Equipment Blank MERCURY
 Concentration in Equipment Blank 0.0001

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ23780 M26A	MERCURY	0.0001 MG/L HG

Sample Date of Equipment Blank 10/09/91
 Job Number of Equipment Blank SJ23782

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.0500

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ23781 P410	NITRATE NITROGEN	0.1300 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 10/09/91
Job Number of Equipment Blank SJ23782

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ23783 S7	NITRATE NITROGEN	0.1400 MG/L N

Sample Date of Equipment Blank 10/09/91
Job Number of Equipment Blank SJ23782

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 5.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ23780 M26A	SOLUBLE COD	13.0000 MG/L O

Sample Date of Equipment Blank 10/09/91
Job Number of Equipment Blank SJ23782

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.4700

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ23780 M26A	TOTAL ORGANIC CARBON	2.6000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank ARSENIC
Concentration in Equipment Blank 0.0026

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26348 M54B	ARSENIC	0.0058 MG/L AS
SJ26349 M55B	ARSENIC	0.0054 MG/L AS
SJ26350 M56B	ARSENIC	0.0067 MG/L AS
SJ26351 M57B	ARSENIC	0.0061 MG/L AS

Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26348 M54B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ26349 M55B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ26350 M56B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ26351 M57B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

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Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 18.9000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26351 M57B	CHLORIDE	62.4000 MG/L CL

Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank CHLOROFORM
Concentration in Equipment Blank 0.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26351 M57B	CHLOROFORM	0.3000 UG/L

Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0400

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26348 M54B	NITRATE NITROGEN	0.0300 MG/L N
SJ26349 M55B	NITRATE NITROGEN	0.0500 MG/L N
SJ26350 M56B	NITRATE NITROGEN	0.0200 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank SELENIUM
Concentration in Equipment Blank 0.0040

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26348 M54B	SELENIUM	0.0059 MG/L SE
SJ26349 M55B	SELENIUM	0.0051 MG/L SE
SJ26350 M56B	SELENIUM	0.0021 MG/L SE
SJ26351 M57B	SELENIUM	0.0020 MG/L SE

Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26348 M54B	TOTAL KJELDAHL NITROGEN	0.4000 MG/L N
SJ26349 M55B	TOTAL KJELDAHL NITROGEN	0.3000 MG/L N
SJ26351 M57B	TOTAL KJELDAHL NITROGEN	0.2000 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 11/07/91
Job Number of Equipment Blank SJ26352

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.3600

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26351 M57B	TOTAL ORGANIC CARBON	1.5000 MG/L C

Sample Date of Equipment Blank 11/12/91
Job Number of Equipment Blank SJ26518

Compound in Equipment Blank CHLOROFORM
Concentration in Equipment Blank 0.7000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ26516 M62B	CHLOROFORM	0.9000 UG/L

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 12/10/91
 Job Number of Equipment Blank SJ27797

Compound in Equipment Blank AMMONIA NITROGEN
 Concentration in Equipment Blank 0.1000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ27795 M32B	AMMONIA NITROGEN	0.7000 MG/L N
SJ27796 M36A	AMMONIA NITROGEN	0.8000 MG/L N

Sample Date of Equipment Blank 12/10/91
 Job Number of Equipment Blank SJ27797

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ27793 M30B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ27794 M33B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ27795 M32B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ27796 M36A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 12/10/91
Job Number of Equipment Blank SJ27797

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ27793 M30B	NITRATE NITROGEN	0.0300 MG/L N
SJ27794 M33B	NITRATE NITROGEN	0.1300 MG/L N
SJ27795 M32B	NITRATE NITROGEN	0.0900 MG/L N

Sample Date of Equipment Blank 12/11/91
Job Number of Equipment Blank SJ27877

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ27875 M43A	AMMONIA NITROGEN	0.4000 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 12/11/91
 Job Number of Equipment Blank SJ27877

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ27874 M42A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ27875 M43A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ27876 M44A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 12/11/91
 Job Number of Equipment Blank SJ27877

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.0200

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ27875 M43A	NITRATE NITROGEN	0.0500 MG/L N
SJ27876 M44A	NITRATE NITROGEN	0.0300 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 12/11/91
Job Number of Equipment Blank SJ27877

Compound in Equipment Blank SOLUBLE BOD
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ27874 M42A	SOLUBLE BOD	3.0000 MG/L O
SJ27875 M43A	SOLUBLE BOD	7.0000 MG/L O
SJ27876 M44A	SOLUBLE BOD	2.0000 MG/L O

Sample Date of Equipment Blank 12/11/91
Job Number of Equipment Blank SJ27877

Compound in Equipment Blank SOLUBLE COD
Concentration in Equipment Blank 7.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ27874 M42A	SOLUBLE COD	18.0000 MG/L O

Sample Date of Equipment Blank 12/11/91
Job Number of Equipment Blank SJ27877

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ27874 M42A	TOTAL KJELDAHL NITROGEN	0.3000 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.1000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28679 PV3	AMMONIA NITROGEN	0.7000 MG/L N

Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28677 M25A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ28678 M49A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ28679 PV3	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank HEXAVALENT CHROMIUM
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28677 M25A	HEXAVALENT CHROMIUM	0.0000 MG/L CR

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank HEXAVALENT CHROMIUM
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28678 M49A	HEXAVALENT CHROMIUM	0.0000 MG/L CR
SJ28679 PV3	HEXAVALENT CHROMIUM	0.0000 MG/L CR

Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28679 PV3	TOTAL KJELDAHL NITROGEN	0.7000 MG/L N

Sample Date of Equipment Blank 12/31/91
Job Number of Equipment Blank SJ28680

Compound in Equipment Blank TOTAL ORGANIC HALOGEN(TOX)
Concentration in Equipment Blank 53.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28678 M49A	TOTAL ORGANIC HALOGEN(TOX)	240.0000 UG/L
SJ28679 PV3	TOTAL ORGANIC HALOGEN(TOX)	270.0000 UG/L

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/02/92
Job Number of Equipment Blank SJ30037

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30034 M06A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ30035 M06B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ30036 M07A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 01/02/92
Job Number of Equipment Blank SJ30037

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30034 M06A	NITRATE NITROGEN	0.1000 MG/L N
SJ30035 M06B	NITRATE NITROGEN	0.0900 MG/L N
SJ30036 M07A	NITRATE NITROGEN	0.0900 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/03/92
Job Number of Equipment Blank SJ31600

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ31597 M57B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ31598 M61B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ31599 M57B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 02/03/92
Job Number of Equipment Blank SJ31600

Compound in Equipment Blank GROSS ALPHA RADIOACTIVITY
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ31597 M57B	GROSS ALPHA RADIOACTIVITY	1.5000 PCI/L

Sample Date of Equipment Blank 02/03/92
Job Number of Equipment Blank SJ31600

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.2300

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ31597 M57B	TOTAL ORGANIC CARBON	2.0000 MG/L C

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/03/92
Job Number of Equipment Blank SJ31600

Compound in Equipment Blank TOTAL ORGANIC CARBON
Concentration in Equipment Blank 0.2300

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ31599 M57B	TOTAL ORGANIC CARBON	1.8000 MG/L C

Sample Date of Equipment Blank 02/29/92
Job Number of Equipment Blank SJ32999

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.2800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ32996 M55B	AMMONIA NITROGEN	0.1400 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/29/92
Job Number of Equipment Blank SJ32999

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ32996 M55B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ32997 M56B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ32998 M62B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 02/29/92
Job Number of Equipment Blank SJ32999

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ32997 M56B	NITRATE NITROGEN	0.0400 MG/L N

Sample Date of Equipment Blank 02/29/92
Job Number of Equipment Blank SJ32999

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ32996 M55B	TOTAL KJELDAHL NITROGEN	0.9800 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 02/29/92
Job Number of Equipment Blank SJ32999

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ32997 M56B	TOTAL KJELDAHL NITROGEN	0.2800 MG/L N
SJ32998 M62B	TOTAL KJELDAHL NITROGEN	1.9600 MG/L N

Sample Date of Equipment Blank 03/14/92
Job Number of Equipment Blank SJ33863

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ33860 M36A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ33861 M40A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ33862 M42A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/14/92
Job Number of Equipment Blank SJ33863

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ33861 M40A	NITRATE NITROGEN	0.0800 MG/L N

Sample Date of Equipment Blank 03/14/92
Job Number of Equipment Blank SJ33863

Compound in Equipment Blank SOLUBLE BOD
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ33860 M36A	SOLUBLE BOD	1.0000 MG/L O
SJ33861 M40A	SOLUBLE BOD	6.0000 MG/L O

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/17/92
 Job Number of Equipment Blank SJ33954

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ33953 M37A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 03/17/92
 Job Number of Equipment Blank SJ33954

Compound in Equipment Blank SOLUBLE BOD
 Concentration in Equipment Blank 1.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ33953 M37A	SOLUBLE BOD	2.0000 MG/L 0

Sample Date of Equipment Blank 03/17/92
 Job Number of Equipment Blank SJ33954

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
 Concentration in Equipment Blank 0.5600

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ33953 M37A	TOTAL KJELDAHL NITROGEN	3.2000 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/30/92
Job Number of Equipment Blank SJ34696

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34695 M26A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34697 M06A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34698 M06B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34699 M07A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 03/30/92
Job Number of Equipment Blank SJ34696

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 17.9000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34695 M26A	CHLORIDE	133.0000 MG/L CL
SJ34698 M06B	CHLORIDE	9.3400 MG/L CL

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/30/92
Job Number of Equipment Blank SJ34696

Compound in Equipment Blank MERCURY
Concentration in Equipment Blank 0.0002

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34695 M26A	MERCURY	0.0002 MG/L HG
SJ34697 M06A	MERCURY	0.0001 MG/L HG

Sample Date of Equipment Blank 03/30/92
Job Number of Equipment Blank SJ34696

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 1.9900

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34695 M26A	NITRATE NITROGEN	16.5000 MG/L N
SJ34697 M06A	NITRATE NITROGEN	0.2000 MG/L N
SJ34698 M06B	NITRATE NITROGEN	0.1000 MG/L N
SJ34699 M07A	NITRATE NITROGEN	1.2500 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/30/92
Job Number of Equipment Blank SJ34696

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.4200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34695 M26A	TOTAL KJELDAHL NITROGEN	0.9800 MG/L N

Sample Date of Equipment Blank 03/31/92
Job Number of Equipment Blank SJ34778

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ34776 M49A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34777 P4-6	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34779 PV3	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ34780 PV3	CARBONATE ALKALINITY	0.0000 MG/L CACO3

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 03/31/92
 Job Number of Equipment Blank SJ34778

Compound in Equipment Blank NITRATE NITROGEN
 Concentration in Equipment Blank 0.0100

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ34776 M49A	NITRATE NITROGEN	0.0500 MG/L N
SJ34779 PV3	NITRATE NITROGEN	0.0600 MG/L N
SJ34780 PV3	NITRATE NITROGEN	0.0500 MG/L N

Sample Date of Equipment Blank 03/31/92
 Job Number of Equipment Blank SJ34778

Compound in Equipment Blank SOLUBLE BOD
 Concentration in Equipment Blank 1.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ34776 M49A	SOLUBLE BOD	1.0000 MG/L O
SJ34777 P4-6	SOLUBLE BOD	1.0000 MG/L O
SJ34779 PV3	SOLUBLE BOD	5.0000 MG/L O
SJ34780 PV3	SOLUBLE BOD	5.0000 MG/L O

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 05/06/92
Job Number of Equipment Blank SJ36823

Compound in Equipment Blank AMMONIA NITROGEN
Concentration in Equipment Blank 0.4200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36819 M58B	AMMONIA NITROGEN	0.2300 MG/L N

Sample Date of Equipment Blank 05/06/92
Job Number of Equipment Blank SJ36823

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36819 M58B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ36820 M59B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ36821 M60B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ36822 M62B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
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Sample Date of Equipment Blank 05/06/92
Job Number of Equipment Blank SJ36823

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 25.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36820 M59B	CHLORIDE	101.0000 MG/L CL

Sample Date of Equipment Blank 05/06/92
Job Number of Equipment Blank SJ36823

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.5600

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36820 M59B	TOTAL KJELDAHL NITROGEN	0.9800 MG/L N
SJ36821 M60B	TOTAL KJELDAHL NITROGEN	0.6300 MG/L N
SJ36822 M62B	TOTAL KJELDAHL NITROGEN	0.7000 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 05/07/92
Job Number of Equipment Blank SJ36939

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36938 M61B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ36940 M56B	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 05/07/92
Job Number of Equipment Blank SJ36939

Compound in Equipment Blank TOTAL KJELDAHL NITROGEN
Concentration in Equipment Blank 0.2100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ36940 M56B	TOTAL KJELDAHL NITROGEN	0.8400 MG/L N

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 06/01/92
 Job Number of Equipment Blank SJ38101

Compound in Equipment Blank BICARBONATE ALKALINITY
 Concentration in Equipment Blank 5.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ38097 M34B	BICARBONATE ALKALINITY	24.0000 MG/L CaCO3

Sample Date of Equipment Blank 06/01/92
 Job Number of Equipment Blank SJ38101

Compound in Equipment Blank CARBONATE ALKALINITY
 Concentration in Equipment Blank 0.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ38096 M32B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ38097 M34B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ38098 M33B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ38099 M30B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3
SJ38100 M33B	CARBONATE ALKALINITY	0.0000 MG/L CaCO3

TABLE B.2.2.1-1
**Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples**

Blank Concentrations > Sample Concentrations/10

**PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT**

Sample Date of Equipment Blank 06/01/92
Job Number of Equipment Blank SJ38101

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 5.9000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation Test			Result	
SJ38097	M34B	CHLORIDE	46.7000 MG/L	CL
SJ38099	M30B	CHLORIDE	28.9000 MG/L	CL

Sample Date of Equipment Blank 06/01/92
Job Number of Equipment Blank SJ38101

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 12.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation Test			Result	
SJ38096	M32B	SODIUM	106.0000 MG/L	NA
SJ38097	M34B	SODIUM	59.0000 MG/L	NA
SJ38099	M30B	SODIUM	57.0000 MG/L	NA

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 06/01/92
 Job Number of Equipment Blank SJ38101

Compound in Equipment Blank TOTAL ALKALINITY
 Concentration in Equipment Blank 5.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ38097 M34B	TOTAL ALKALINITY	24.0000 MG/L CaCO3

Sample Date of Equipment Blank 06/05/92
 Job Number of Equipment Blank SJ38414

Compound in Equipment Blank AMMONIA NITROGEN
 Concentration in Equipment Blank 0.2000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ38412 M43A	AMMONIA NITROGEN	0.1000 MG/L N

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank BICARBONATE ALKALINITY
Concentration in Equipment Blank 5.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38411 M53B	BICARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank CARBONATE ALKALINITY
Concentration in Equipment Blank 0.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38411 M53B	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ38412 M43A	CARBONATE ALKALINITY	0.0000 MG/L CACO3
SJ38413 M44A	CARBONATE ALKALINITY	0.0000 MG/L CACO3

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank MERCURY
Concentration in Equipment Blank 0.0002

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38411 M53B	MERCURY	0.0005 MG/L HG

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank MERCURY
Concentration in Equipment Blank 0.0002

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38412 M43A	MERCURY	0.0006 MG/L HG

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0600

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38412 M43A	NITRATE NITROGEN	0.0800 MG/L N
SJ38413 M44A	NITRATE NITROGEN	0.0400 MG/L N

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank SELENIUM
Concentration in Equipment Blank 0.0009

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38413 M44A	SELENIUM	0.0064 MG/L SE

Comparison of Equipment Blank Detections
to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 27.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38412 M43A	SODIUM	220.0000 MG/L NA

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank SOLUBLE BOD
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38412 M43A	SOLUBLE BOD	4.0000 MG/L O
SJ38413 M44A	SOLUBLE BOD	1.0000 MG/L O

Sample Date of Equipment Blank 06/05/92
Job Number of Equipment Blank SJ38414

Compound in Equipment Blank TOTAL ALKALINITY
Concentration in Equipment Blank 5.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ38411 M53B	TOTAL ALKALINITY	0.0000 MG/L CACO3

TABLE B.2.2.1-1
 Comparison of Equipment Blank Detections
 to Sample Detections in RI Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
 INVESTIGATION REPORT

Sample Date of Equipment Blank 06/05/92
 Job Number of Equipment Blank SJ38414

Compound in Equipment Blank TOTAL DISSOLVED SOLIDS
 Concentration in Equipment Blank 4788.0000

Detections in Samples Collected
 with Equipment Blank

Job and Sublocation	Test	Result
SJ38411 M53B	TOTAL DISSOLVED SOLIDS	31980.0000 MG/L
SJ38412 M43A	TOTAL DISSOLVED SOLIDS	8612.0000 MG/L
SJ38413 M44A	TOTAL DISSOLVED SOLIDS	4717.0000 MG/L

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN EQUIP SJ93705 04/04/90	RUN RINS SJ93706 04/04/90	RUN EQUIP SJ10116 01/03/91	RUN EQUIP SJ10412 01/09/91	RUN EQUIP SJ12711 02/27/91	RUN EQUIP SJ13285 03/13/91	RUN EQUIP SJ28621 12/29/91	RUN RINS SJ10105 01/03/91	RUN RINS SJ10414 01/09/91	RUN RINS SJ12712 02/27/91
GENERAL											
PH	PH	8.00	7.40 C	6.00	7.30	7.25		A 5.74	6.12	7.01 C	7.10
CONDUCTIVITY	UMHOS/CM	1.12	9.76	1.0	1.0	2.7		A 1.1	6.6	3.2	11.5
ANIONS											
NITRATE NITROGEN	MG/L N	0.01	0.06	< 0.05	< 0.05	< 0.05		A < 0.05	B < 0.05	< 0.05	< 0.05
SULFATE	MG/L SO4	3.3	3.3	1.0	2.6	< 1		A < 1	B 1.0	2.2	1
CHLORIDE	MG/L CL	80	15	1.00	20	< 1		A < 1	B 1.00	25	1
CATIONS											
CALCIUM	MG/L CA	< 0.01	0.44 B	< 0.4	0.71 B	0.15	< 0.5	< 0.2	< 0.4 B	0.51	1.10
MAGNESIUM	MG/L MG	< 0.20	< 0.20 B	< 0.4	< 0.4 B	< 0.20	< 0.1	< 0.2	< 0.4 B	0.12	0.24
SODIUM	MG/L NA	< 0.13	1.31 B	< 1.3	< 1.3 B	0.71	< 0.5	2	< 1.3 B	< 1.3	1.57
POTASSIUM	MG/L K	0.2	0.2 B	< 0.4	< 0.4 B	< 0.4	< 0.5	< 0.4	< 0.4 B	< 0.4	< 0.4
IRON	MG/L FE	< 0.02	0.03 B	< 0.02	< 0.02 B	0.05	< 0.1	< 0.05	< 0.02 B	< 0.02	0.04
MANGANESE	MG/L MN	< 0.01	< 0.01 B	< 0.01	< 0.01 B	< 0.01	< 0.01	< 0.01	< 0.01 B	< 0.01	< 0.01
ORGANIC MATTER											
OIL & GREASE	MG/L EXTRAC	< 1.0	1.2	< 1	< 1				2.0	< 1	
HYDROCARBONS-MODIFIED8015	MG/L HC	< 0.05 A	< 0.05 A	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
METALS											
ARSENIC	MG/L AS	<0.001	<0.001 B	<.0005	<.0005	<.0005	<0.002	<.0005	<.0005	<.0005	0.001
BARIUM	MG/L BA	< 0.02	< 0.02 B	< 0.02	< 0.02 B	< 0.02	<0.007	< 0.02	< 0.02 B	< 0.02	< 0.02
CADMIUM	MG/L CD	< 0.01	< 0.01 B	< 0.01	< 0.01 B	< 0.01	< 0.02	< 0.01	< 0.01 B	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02 B	< 0.02	< 0.02 B	< 0.02	< 0.04	< 0.02	< 0.02 B	< 0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.02 B	< 0.02								
COBALT	MG/L CO			< 0.04	< 0.04 B	< 0.04	< 0.05	< 0.04	< 0.04 B	< 0.04	< 0.04
LEAD	MG/L PB	< 0.04	< 0.04 B	< 0.04	< 0.04 B	< 0.04	<0.002	< 0.04	< 0.04 B	< 0.04	< 0.04
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001 B	<.0001	<.0005	<.0001 B	<.0001	<.0001	<.0001
NICKEL	MG/L NI	< 0.03	< 0.03 B	< 0.03	< 0.03 B	< 0.03	< 0.04	< 0.03	< 0.03 B	< 0.03	< 0.03
SELENIUM	MG/L SE	0.001	<0.001 B	<.0005	<.0005	.0005	<0.004	<.0005	<.0005	<.0005	<.0005
SILVER	MG/L AG	0.005	<0.005 B	<0.005	<0.005 B	<0.005	< 0.01	<0.005	<0.005 B	<0.005	<0.005
ZINC	MG/L ZN	< 0.02	< 0.02 B	0.03	< 0.02 B	0.03	< 0.02	< 0.02	0.03 B	< 0.02	< 0.02
ANTIMONY	MG/L SB	<0.001	<0.001 B	< 0.03	< 0.03	< 0.03	< 0.5	<0.005	< 0.03	< 0.03	< 0.03
BERYLLIUM	MG/L BE	< 0.01	< 0.01 B	< 0.01	< 0.01 B	< 0.01	<0.005	< 0.01	< 0.01 B	< 0.01	< 0.01
MOLYBDENUM	MG/L MO	< 0.02	< 0.02 B	< 0.02	< 0.02 B	< 0.02	< 0.2	< 0.02	< 0.02 B	< 0.02	< 0.02
THALLIUM	MG/L TL	< 0.05	< 0.05 B	< 0.03	< 0.03	< 0.03	< 0.5	<0.005	< 0.03	< 0.03	< 0.03
VANADIUM	MG/L V	< 0.02	< 0.02 B	< 0.02	< 0.02 B	< 0.02	< 0.05	< 0.02	< 0.02 B	< 0.02	< 0.02

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN EQUIP SJ93705 04/04/90	RUN RINS SJ93706 04/04/90	RUN EQUIP SJ10116 01/03/91	RUN EQUIP SJ10412 01/09/91	RUN EQUIP SJ12711 02/27/91	RUN EQUIP SJ13285 03/13/91	RUN EQUIP SJ28621 12/29/91	RUN RINS SJ10105 01/03/91	RUN RINS SJ10414 01/09/91	RUN RINS SJ12712 02/27/91
VOLATILE ORGANIC COMPOUND											
VOLATILE ORGANIC COMPOUND											
METHYLENE CHLORIDE	UG/L	< 7.0	< 7.0	1.8	< 0.5	< 0.5	10	< 2.5	< 1.0	1.0	< 0.5
CHLOROFORM	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 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	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
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	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
BENZENE	UG/L	< 0.5	< 0.5	0.6	< 0.5	1.4	< 0.3	< 0.3	2.0	< 0.5	1.6
TOLUENE	UG/L	< 0.5	< 0.5	1.6	< 0.5	0.6	< 0.3	0.4	4.2	1.4	0.7
ETHYL BENZENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
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-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	< 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	< 0.3	< 0.3	< 0.5	< 0.5	< 0.5	< 0.3
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	< 0.3	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
ACENAPHTHYLENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
ANTHRACENE	UG/L	< 5	< 5	< 1	< 5.0	< 10	< 10	< 1	< 1	< 5.0	< 10
BENZIDINE	UG/L	< 20	< 20	< 62	< 50	< 620	< 620	< 62	< 62	< 50	< 620
BENZO(A)ANTHRACENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
BENZO(A)PYRENE	UG/L	< 5	< 5	< 7	< 5.0	< 70	< 70	< 7	< 7	< 5.0	< 70

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Date : 05/21/93

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WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN
		EQUIP SJ93705 04/04/90	RINS SJ93706 04/04/90	EQUIP SJ10116 01/03/91	EQUIP SJ10412 01/09/91	EQUIP SJ12711 02/27/91	EQUIP SJ13285 03/13/91	EQUIP SJ28621 12/29/91	RINS SJ10105 01/03/91	RINS SJ10414 01/09/91	RINS SJ12712 02/27/91
ACID-BASE NEUTRAL EXTRACT											
BENZO(B)FLUORANTHENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
BENZO(G,H,I)PERYLENE	UG/L	< 5	< 5	< 6	< 10	< 60	< 60	< 6	< 6	< 10	< 60
BENZO(K)FLUORANTHENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
BIS(2-CL-ETHOXY)METHANE	UG/L	< 5	< 5	< 3	< 10	< 30	< 30	< 3	< 3	< 10	< 30
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 10	< 50	< 50	< 5	< 5	< 10	< 50
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 10	< 10	< 3	< 10	< 30	< 30	< 3	< 3	< 10	< 30
DIETHYLHEXYL PHTHALATE	UG/L	< 10	< 5 D	< 10	< 40	< 100	< 100	< 10	< 11	< 20	< 8 D
4-BROMOPHENYL PHENYLETHER	UG/L	< 5	< 5	< 9	< 5.0	< 90	< 90	< 9	< 9	< 5.0	< 90
BUTYLBENZYL PHTHALATE	UG/L	< 5	< 5	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
2-CHLORONAPHTHALENE	UG/L	< 5	< 5	< 1	< 5.0	< 10	< 10	< 1	< 1	< 5.0	< 10
4-CHLOROPHENYLPHENYLETHER	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
CHRYSENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
DIBENZO(A,H)ANTHRACENE	UG/L	< 10	< 10	< 6	< 10	< 60	< 60	< 6	< 6	< 10	< 60
1,2-DICHLOROBENZENE	UG/L	< 5	< 5	< 10	< 5.0	< 100	< 100	< 10	< 10	< 5.0	< 100
1,3-DICHLOROBENZENE	UG/L	< 5	< 5	< 10	< 5.0	< 100	< 100	< 10	< 10	< 5.0	< 100
1,4-DICHLOROBENZENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
3,3'-DICHLOROBENZIDINE	UG/L	< 10	< 10	< 100	< 50	< 1000	< 1000	< 100	< 100	< 50	< 1000
DIETHYL PHTHALATE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 1 D	< 2	< 5.0	< 20
DIMETHYL PHTHALATE	UG/L	< 5	< 5	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
DI-N-BUTYL PHTHALATE	UG/L	< 5	< 5	< 4	< 10	< 40	< 40	< 4	< 4	< 10	< 40
2,4-DINITROTOLUENE	UG/L	< 5	< 5	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5.0	< 50	< 50	< 5	< 5	< 5.0	< 50
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 10	< 50	< 50	< 5	< 5	< 10	< 50
1,2-DIPHENYLHYDRAZINE	UG/L	< 5	< 5	< 1	< 10	< 10	< 10	< 1	< 1	< 10	< 10
FLUORANTHENE	UG/L	< 6	< 6	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
FLUORENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
HEXACHLOROBENZENE	UG/L	< 5	< 5	< 1	< 5.0	< 10	< 10	< 1	< 1	< 5.0	< 10
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10	< 100	< 100	< 10	< 10	< 10	< 100
HEXACHLOROCYCLOPENTADIENE	UG/L	< 6	< 6	< 100	< 10	< 1000	< 1000	< 100	< 100	< 10	< 1000
HEXACHLOROETHANE	UG/L	< 5	< 5	< 12	< 5.0	< 120	< 120	< 12	< 12	< 5.0	< 120
INDENO(1,2,3-C,D)PYRENE	UG/L	< 5	< 5	< 6	< 10	< 60	< 60	< 6	< 6	< 10	< 60
ISOPHORONE	UG/L	< 10	< 10	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
NAPHTHALENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 3	< 1 D	< 5.0	< 20
NITROBENZENE	UG/L	< 6	< 6	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
N-NITROSODIMETHYLAMINE	UG/L	< 5	< 5	< 30	< 5.0	< 300	< 300	< 30	< 30	< 5.0	< 300
N-NITROSODI-N-PROPYLAMINE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
PHENANTHRENE	UG/L	< 6	< 6	< 1	< 5.0	< 10	< 10	< 1	< 1	< 5.0	< 10
PYRENE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
2,3,7,8-TCDD	UG/L	< 10	< 10	< 3	< 5.0 A	< 30	< 30	< 3	< 3	< 5.0 A	< 30
2-CHLOROPHENOL	UG/L	< 5	< 5	< 8	< 5.0	< 80	< 80	< 8	< 8	< 5.0	< 80
1,2,4-TRICHLOROBENZENE	UG/L	< 5	< 5	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
2,4-DICHLOROPHENOL	UG/L	< 7	< 7	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30
2,4-DIMETHYLPHENOL	UG/L	< 5	< 5	< 3	< 5.0	< 30	< 30	< 3	< 3	< 5.0	< 30

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN	RUN
		EQUIP	RINS	EQUIP	EQUIP	EQUIP	EQUIP	EQUIP	RINS	RINS	RINS
		SJ93705	SJ93706	SJ10116	SJ10412	SJ12711	SJ13285	SJ28621	SJ10105	SJ10414	SJ12712
		04/04/90	04/04/90	01/03/91	01/09/91	02/27/91	03/13/91	12/29/91	01/03/91	01/09/91	02/27/91
ACID-BASE NEUTRAL EXTRACT											
2,4-DINITROPHENOL	UG/L	< 25	< 25	< 39	< 50	< 390	< 390	< 39	< 39	< 50	< 390
2-METHYL-4,6DINITROPHENOL	UG/L	< 15	< 15	< 17	< 50	< 170	< 170	< 17	< 17	< 50	< 170
2-NITROPHENOL	UG/L	< 10	< 10	< 5	< 5.0	< 50	< 50	< 5	< 5	< 5.0	< 50
4-NITROPHENOL	UG/L	< 20	< 20	< 6	< 10	< 60	< 60	< 6	< 6	< 10	< 60
4-CHLORO-3-METHYLPHENOL	UG/L	< 6	< 6	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
PENTACHLOROPHENOL	UG/L	< 15	< 15	< 16	< 10	< 160	< 160	< 16	< 16	< 10	< 160
PHENOL	UG/L	< 5	< 1 D	< 3	< 5.0	< 30	< 30	< 3	< 2 D	< 5.0	< 30
2,4,6-TRICHLOROPHENOL	UG/L	< 6	< 6	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20
N-NITROSODIPHENYLAMINE	UG/L	< 5	< 5	< 2	< 5.0	< 20	< 20	< 2	< 2	< 5.0	< 20

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN RINS SJ13286 03/13/91	RUN RINS SJ28623 12/29/91	RUN RINS SJ30060 01/03/92
GENERAL				
PH	PH	A	6.15	5.30
CONDUCTIVITY	UMHOS/CM	A	11.5	22.6
ANIONS				
NITRATE NITROGEN	MG/L N	A	0.08	0.15
SULFATE	MG/L SO4	A	1	3
CHLORIDE	MG/L CL	A	2	6
CATIONS				
CALCIUM	MG/L CA	0.5	0.4	0.42 B
MAGNESIUM	MG/L MG	0.2	0.2	0.3 B
SODIUM	MG/L NA	1.2	3	2 B
POTASSIUM	MG/L K	< 0.5	< 0.4	< 0.4 B
IRON	MG/L FE	< 0.1	0.04	0.02 B
MANGANESE	MG/L MN	< 0.01	< 0.01	< 0.01 B
ORGANIC MATTER				
HYDROCARBONS-MODIFIED8015	MG/L HC	< 0.05	< 0.05	
METALS				
ARSENIC	MG/L AS	<0.002	<.0005	<.0005
BARIUM	MG/L BA	<0.007	< 0.02	< 0.02 B
CADMIUM	MG/L CD	< 0.02	< 0.01	< 0.01 B
TOTAL CHROMIUM	MG/L CR	< 0.04	< 0.02	< 0.02 B
COBALT	MG/L CO	< 0.05	< 0.04	< 0.04 B
LEAD	MG/L PB	<0.002	< 0.04	<0.005 B
MERCURY	MG/L HG	<.0005	<.0001	<.0001
NICKEL	MG/L NI	< 0.04	< 0.03	< 0.03 B
SELENIUM	MG/L SE	<0.004	<.0005	<.0005
SILVER	MG/L AG	< 0.01	<0.005	<0.005 B
ZINC	MG/L ZN	< 0.02	< 0.02	0.03 B
ANTIMONY	MG/L SB	< 0.5	<0.005	<0.005
BERYLLIUM	MG/L BE	<0.005	< 0.01	< 0.01 B
MOLYBDENUM	MG/L MO	< 0.2	< 0.02	< 0.02 B
THALLIUM	MG/L TL	< 0.5	<0.005	<0.005
VANADIUM	MG/L V	< 0.05	< 0.02	< 0.02 B

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN RINS SJ13286 03/13/91	RUN RINS SJ28623 12/29/91	RUN RINS SJ30060 01/03/92
VOLATILE ORGANIC COMPOUND				
VOLATILE ORGANIC COMPOUND				
METHYLENE CHLORIDE	UG/L	< 0.5	< 2.5	
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	
TRICHLOROETHYLENE	UG/L	< 0.3	< 0.3	
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	
VINYL CHLORIDE	UG/L	< 0.5	< 0.5	
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	
P-DICHLOROBENZENE	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	0.5	0.8	
TOLUENE	UG/L	0.8	1.3	
ETHYL BENZENE	UG/L	< 0.3	< 0.3	
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.3	< 0.3	
BROMOMETHANE	UG/L	< 2.5	< 2.5	
CHLOROETHANE	UG/L	< 2.5	< 2.5	
2-CHLOROETHYLVINYLETHER	UG/L	< 1.0	< 1.0	
CHLOROMETHANE	UG/L	< 2.5	< 2.5	
1,2-DICHLOROPROPANE	UG/L	< 0.3	< 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	
ACID-BASE NEUTRAL EXTRACT				
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

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN	RUN	RUN
		RINS	RINS	RINS
		SJ13286	SJ28623	SJ30060
		03/13/91	12/29/91	01/03/92
ACID-BASE NEUTRAL EXTRACT				
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	< 100	4 D	31
4-BROMOPHENYL PHENYLETHER	UG/L	< 90	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 30	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 10	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 20	< 2	< 2
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	< 30	< 3	< 3
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

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	RUN	RUN	RUN
		RINS	RINS	RINS
		SJ13286	SJ28623	SJ30060
		03/13/91	12/29/91	01/03/92

ACID-BASE NEUTRAL EXTRACT

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	9 D	< 3	< 3
2,4,6-TRICHLOROPHENOL	UG/L	< 20	< 2	< 2
N-NITROSODIPHENYLAMINE	UG/L	< 20	< 2	< 2

FOOTNOTES : A-CONSTIT NOT ANALYZE B-DUPLICATE SPIKE C-AVERAGE OF DUPS D-VALUE <MDL, >IDL

PALOS VERDES LANDFILL - DPRIR

LABORATORY NOTES FOR EQUIPMENT AND RINSATE BLANKS

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ93705	PALOS VERDES SURFACE SEDIMENT SAMPLE, (SS41) 04/04/90	257,301=LB,204=POMR/D VOC'S 4/9/90 C15 MONTGOMERY LABS BNA EXT 04-05-90 INJ 04-13-90 BLANK 812: 1 UG/L
SJ93706	PALOS VERDES SURFACE SEDIMENT SAMPLE, (SS61) 04/04/90	257,301=LB,204=POMR/D VOC'S 4/9/90 C15 MONTGOMERY LABS BNA EXT 04-05-90 INJ 04-13-90 BLANK 812: 1 UG/L
SJ10116	PALOS VERDES SURFACE SEDIMENT LOCATION 42 01/03/91	MONTGOMERY LABS, PETROLEUM HYDROCARBONS AS GASOLINE (MODIFIED 8015) BCA LABS, WASTEWATER SAMPLES VOC's 1/7/91 BNA EXT 01-08-91 INJ 01-17-91 BLANK 855: 3 UG/L
SJ10412	PALOS VERDES SURFACE SEDIMENT LOCATION 43 (RI/FS STUDY) 01/09/91	257,301=LB MONTGOMERY LABS, TOTAL HYDROCARBONS(MODIFIED 8015) BCA LABS, ANTIMONY, ARSENIC,SELENIUM AND THALLIUM BNA'S MONTGOMERY LABS VOC's 1/11/91
SJ12711	PALOS VERDES SURFACE SEDIMENT SAMPLE 02/27/91	TOTAL HYDROCARBONS/MONTGOMERY LABS 705,720,725,734, BROWN & CALDWELL VOC's 3/1/91 BNA EXT 03-04-91 INJ 03-09-91 BLANK 812: 1 UG/L BNA FOOTNOTE 35
SJ13285	PALOS VERDES SEDIMENT SAMPLE 03/13/91	703-737 BROWN & CALDWELL TOTAL HYDROCARBONS/MONTGOMERY LABS (MODIFIED 8015) VOC's 3/15/91 BNA EXT 03-15-91 INJ 03-29-91 BLANK 855: 1 UG/L
SJ28621	PALOS VERDES RI/FS SEDIMENT SAMPLE #46 12/29/91	C15 = MODIFIED 8015 EQUIVALENT VOC's 12/31/91 BNA EXT 12-31-91 INJ 01-15-92
SJ10105	PALOS VERDES SURFACE SEDIMENT SAMPLE 01/03/91	MONTGOMERY LABS, PETROLEUM HYDROCARBONS AS GASOLINE (MODIFIED 8015) BCA LABS, WASTEWATER SAMPLES VOC's 1/7/91 XYLENES: 2.1UG/L. BNA EXT 01-08-91 INJ 01-16-91 BLANK 855: 3 UG/L
SJ10414	PALOS VERDES RI/FS SURFACE SEDIMENT LOCATION SS63 01/09/91	257,301=LB MONTGOMERY LABS, TOTAL HYDROCARBONS(MODIFIED 8015) BCA LABS, ANTIMONY, ARSENIC, SELENIUM AND THALLIUM BNA'S MONTGOMERY LABS VOC's 1/11/91

PALOS VERDES LANDFILL - DPRIR

LABORATORY NOTES FOR EQUIPMENT AND RINSATE BLANKS

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ12712	PALOS VERDES SURFACE SEDIMENT SAMPLE 02/27/91	TOTAL HYDROCARBONS/MONTGOMERY LABS 705,720,725,734 BROWN & CALDWELL VOC's 3/1/91 BNA EXT 03-04-91 INJ 03-09-91 BLANK 812: 1 UG/L
SJ13286	PALOS VERDES SEDIMENT SAMPLE 03/13/91	703-737 BROWN & CALDWELL TOTAL HYDROCARBONS/MONTGOMERY LABS (MODIFIED 8015) VOC's 3/15/91 BNA EXT 04-11-91 INJ 04-23-91 BLANK 855: 1 UG/L RE-EXTRACTED BNA SAMPLE; RESET EXCEEDS HOLDING TIME.
SJ28623	PALOS VERDES RI/FS SEDIMENT SAMPLE #66 12/29/91	C15 = MODIFIED 8015 EQUIVALENT VOC's 12/31/91 BNA EXT 12-31-91 INJ 1-15-92
SJ30060	PVLF RI/FS RUN OFF SAMPLE SW67 01/03/92	BNA EXT 01-06-92 INJ 01-14-92 B

Palos Verdes Landfill DPRIR

COMPOSITE STATISTICS OF EQUIPMENT BLANK SAMPLES

GENERAL

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
101	PH	PH	33	33	4.82	9.60	6.7006	0.7345
102	CONDUCTIVITY	UMHOS/CM	33	33	1	120	14.3788	27.9136
155	TOTAL DISSOLVED SOLIDS	MG/L	33	32	ND	4788	174.6818	828.8662 *

ANIONS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
204	NITRATE NITROGEN	MG/L N	32	17	ND	1.99	0.0867	0.3494 *
257	SULFATE	MG/L SO4	32	15	ND	6.1	0.8750	1.2547 *
301	CHLORIDE	MG/L CL	32	16	ND	25.8	5.8891	8.8321 *
305	TOTAL ALKALINITY	MG/L CACO3	32	32	4	18	9.6250	3.8667
306	BICARBONATE ALKALINITY	MG/L CACO3	32	32	4	18	9.6250	3.8667

CATIONS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
701	CALCIUM-HARDNESS	MG/L CACO3	32	22	ND	15.9	3.0922	3.8411 *
702	MAGNESIUM-HARDNESS	MG/L CACO3	32	16	ND	13	2.5893	4.6262 *
723	SODIUM	MG/L NA	32	14	ND	27	3.5930	6.6008 *
719	POTASSIUM	MG/L K	32	3	ND	0.9	0.2475	0.1470 *
713	IRON	MG/L FE	16	11	ND	0.18	0.0637	0.0511 *
716	MANGANESE	MG/L MN	16	1	ND	0.01	0.0053	0.0012 *

ORGANIC MATTER

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation
201	AMMONIA NITROGEN	MG/L N	32	18	ND	0.42	0.1089	0.0900 *
203	TOTAL KJELDAHL NITROGEN	MG/L N	32	24	ND	0.56	0.1597	0.1391 *
402	SOLUBLE BOD	MG/L O	32	10	ND	64	2.8125	11.1895 *
404	SOLUBLE COD	MG/L O	32	11	ND	99	7.6719	18.2728 *
405	TOTAL ORGANIC CARBON	MG/L C	33	32	ND	5.0	0.8118	1.0292 *
408	OIL & GREASE	MG/L EXTRACT	32	5	ND	6.8	1.0437	1.4817 *
410	TOTAL ORGANIC HALOGEN(TOX	MG/L	32	8	ND	72	25.2550	15.4877 *

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

NA - Not Applicable

Palos Verdes Landfill DPRIR

COMPOSITE STATISTICS OF EQUIPMENT BLANK SAMPLES

METALS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
705	ARSENIC	MG/L AS	32	6	ND	0.042	0.0030	0.0082	*
706	BARIUM	MG/L BA	32	1	ND	0.02	0.0099	0.0024	*
712	COPPER	MG/L CU	16	2	ND	0.18	0.0225	0.0427	*
714	LEAD	MG/L PB	32	1	ND	0.004	0.0189	0.0043	*
717	MERCURY	MG/L HG	31	2	ND	0.0002	0.0001	0.0001	*
718	NICKEL	MG/L NI	16	1	ND	0.05	0.0178	0.0087	*
720	SELENIUM	MG/L SE	32	5	ND	0.010	0.0040	0.0122	*
724	ZINC	MG/L ZN	16	6	ND	0.10	0.0212	0.0231	*

VOLATILE ORGANIC COMPOUNDS

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
601	METHYLENE CHLORIDE	UG/L	33	1	ND	0.6	1.1621	0.7311	*
602	CHLOROFORM	UG/L	33	15	ND	8.0	0.9333	1.5059	*
607	TETRACHLOROETHYLENE	UG/L	33	1	ND	0.6	0.2091	0.0861	*
610	BROMOFORM	UG/L	33	1	ND	1.5	0.2879	0.2176	*
611	CHLORO BENZENE	UG/L	33	3	ND	3.8	0.4030	0.6484	*
612	VINYL CHLORIDE	UG/L	33	2	ND	2.7	0.4788	0.4689	*
620	BENZENE	UG/L	33	4	ND	32	1.2138	5.5305	*
650	1,2-DICHLOROPROPANE	UG/L	32	3	ND	1.8	0.3516	0.4134	*
676	ACETONE	UG/L	11	2	ND	14	6.2727	2.9695	*

ACID-BASE-NEUTRAL EXTRACTABLE

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
812	DIETHYLHEXYL PHTHALATE	UG/L	16	1	ND	29	9.0625	12.7526	*
814	BUTYLBENZYL PHTHALATE	UG/L	16	1	ND	3	2.5000	3.3813	*
855	PHENOL	UG/L	16	1	ND	5	2.5313	3.4808	*

RADIOACTIVITY

Test Code	Constituent	Units	Samples Analyzed	Number Detected	Minimum	Maximum	Mean	Standard Deviation	
370	GROSS ALPHA RADIOACTIVITY	PCI/L	16	7	ND	40	3.0219	9.8933	*
371	GROSS BETA RADIOACTIVITY	PCI/L	16	10	ND	25	2.1844	6.1684	*

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

A - Not Applicable

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES, 1991

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ10198	RINSATE BLANK AT PVLF 01/07/91	257,301=LB; TESTS 370 +/- 1; 371 +/- 3 VOC-EPA 624 TO OUTSIDE LAB PER E. LADEN'S REQUEST BNA EXT 01-14-90 INJ 01-22-91 BCA LABS, TOX BCA LABS, ARSENIC AND SELENIUM BCA LABS, ANTIMONY = <0.03MG/L AND THALLIUM=<0.03MG/L VOC'S MONTGOMERY LABS 370 & 371 BY TMA
SJ10427	RINSATE BLANK AT PVLF 01/09/91	BNA EXT 01-14-90 INJ 01-22-91 370: +/- 2; 371: +/- 6 BY TMA BCA LABS, TOX VOC'S MONTGOMERY LABS 705, 720 BROWN & CALDWELL
SJ11656	RINSATE BLANK, M55B, PVLF 02/05/91	705, 720 BROWN & CALDWELL VOA'S MONTGOMERY LABORATORIES BNA EXT 02-12-91 INJ 02-26-91 BLANK 812: 1 UG/L TESTS 370: +/-3; 371: +/-5 (TMA) TOX MONTGOMERY LABS
SJ13246	RINSATE BLANK AT PVLF, M32B 03/13/91	VOA'S MONTGOMERY LABS PESTICIDES & POLYCHLORINATED BIPHENYLS BY MONTGOMERY LABS 705-724, BROWN & CALDWELL TOX; MONTGOMERY LABS ALPHA:2SIGMA=1.2, BETA:2SIGMA=1.3 BNA'S MONTGOMERY LABS 101-307 & 402-405 BY BROWN & CALDWELL
SJ13247	RINSATE BLANK AT PVLF, M33B 03/13/91	VOA'S MONTGOMERY LABS PESTICIDES & POLYCHLORINATED BIPHENYLS BY MONTGOMERY LABS 705-724, BROWN & CALDWELL TOX; MONTGOMERY LABS ALPHA:2SIGMA=2.2, BETA:2SIGMA=1.5 BNA'S; MONTGOMERY LABS 101-307 & 402-405 BY BROWN & CALDWELL
SJ14097	RINSATE BLANK AT PVLF AFTER MW5 04/04/91	257,301=LC ARSENIC & SELENIUM; BROWN & CALDWELL VOC's 4/8/91 TOX ANALYZED MONTGOMERY LABS
SJ15540	RINSATE BLANK AT PVLF - AFTER M52A 05/07/91	257,301=LB 705 & 720 BROWN & CALDWELL VOC's 5/9/91 TOX = MONTGOMERY LABS
SJ16503	RINSATE BLANK AT PVLF AFTER M60B 05/23/91	VOC's 5/29/91 705, 720 BROWN & CALDWELL TOX ANALYZED BY MONTGOMERY LABS.

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES, 1991

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ17015	RINSATE BLANK AT PVLF AFTER M26A 06/04/91	VOC's 6/5/91 705, 720 = BROWN & CALDWELL TOX = MONTGOMERY LABS
SJ18939	RINSATE BLANK AT PVLF AFTER MW3 07/12/91	404=SJCTPL 705, 720 BROWN & CALDWELL VOC's 7/15/91 410 = MONTGOMERY LABS
SJ19058	RINSATE BLANK AFTER M48A 07/16/91	404=LC 705, 720 BROWN & CALDWELL BNA EXT 07-22-91 INJ 07-31-91 BLANK 823:1 UG/L 812:1 UG/L TEST CODES AND RESULTS FOR ADDITIONAL VOC WERE ADDED. (HKS 410 = MONTGOMERY LABS VOAS = MONTGOMERY LABS RADIOACTIVITY: ALPHA=2SIGMA 0.4, BETA=2SIGMA 0.5/MONTGOMER
SJ20670	RINSATE BLANK AT PVLF AFTER M58B 08/12/91	404=POMR/D 705, 720 = BROWN & CALDWELL BNA EXT 08-14-91 INJ 08-20-91 TOX = MONTGOMERY LABS VOA'S = MONTGOMERY LABS RADIOACTIVITY= MONTGOMERY LABS / ALPHA=2SIGMA 0.2 TEST #710; ANALYZED ON 8/13.
SJ21535	RINSATE BLANK AT PVLF AFTER M61B 08/27/91	404, POMR/D TOX = MONTGOMERY LABS BNA EXT 08-29-91 INJ 09-06-91 BLANK 855:1 UG/L 812: 115 UG 705, 720 = BROWN & CALDWELL VOA'S = MONTGOMERY LABS RADIOACTIVITY: MONTGOMERY LABS/ ALPHA=2SIGMA 5.3
SJ22264	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M30B 09/10/91	TOX = MONTGOMERY LABS TEST #710; ANALYZED ON 9/11. 705, 720 = BROWN & CALDWELL VOA'S = MONTGOMERY LABS BNA EXT 09-16-91 INJ 10-02-91 BLANK 812: 23 UG/L RADIOACTIVITY = MONTGOMERY LABS ALPHA/2SIGMA 0.4
SJ22327	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M44A 09/11/91	TOX = MONTGOMERY LABS 705, 720 = BROWN & CALDWELL VOA'S = MONTGOMERY LABS BNA EXT 09-16-91 INJ 10-02-91; BLANK 812: 23 UG/L RADIOACTIVITY = MONTGOMERY LABS ALPHA/2SIGMA = 0.7
SJ23489	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M45A 10/03/91	VOC's 10/07/91
SJ23782	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL# M26A 10/09/91	VOC's 10/11/91

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES, 1991

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ26352	RINSATE BLANK AT PVLV AFTER WELL M57 11/07/91	VOC's 11/12/91
SJ26518	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M26A 11/12/91	VOC's 11/14/91
SJ27797	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M33B 12/10/91	VOC's 12/11/91
SJ27877	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M42A 12/11/91	VOC's 12/12/91
SJ28680	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL PV3 12/31/91	TEST CODE 710; SAMPLE 48 HRS OLD - PAST HOLDING TIME. ALPHA/2SIGMA = 0.3, BETA/2SIGMA = 0.5 BNA EXT 01-06-92 INJ 01-13-92 11 NOV 92 - CHANGED SAMPLE TYPE FROM "WELL" TO "BLNK" TO HEADER INFORMATION MODIFIED ON 11/11/92 REFLECT INFORMATION ENTERED ON THE SAMPLE REQUEST FOR CHANGE REQUESTED BY E. LADEN. (JPG)

PALOS VERDES LANDFILL DPRIR

LABORATORY NOTES FOR EQUIPMENT BLANK SAMPLES, 1992

JOB	SAMPLE DESCRIPTION / SAMPLE DATE	NOTES
SJ30037	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M06B 01/02/92	BNA EXT 01-06-92 INJ 01-14-92 ALPHA/2SIGMA = 0.3, BETA/2SIGMA = 0.5
SJ31600	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M61 02/03/92	BNA EXT 02-04-92 INJ 02-11-92 B ALPHA/2SIGMA = 0.3, BETA/2SIGMA = 0.4
SJ32999	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M62 02/29/92	BNA EXT 03-05-92 INJ 03-30-92 BLANK 855: 1 UG/L B ALPHA/2SIGMA = 0.2 BETA/2SIGMA = 0.4
SJ33863	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M36A 03/14/92	BNA EXT 03-18-92 INJ 04-03-92 B ALPHA/2SIGMA = 0.2 BETA/2SIGMA = 0.4
SJ33954	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M37A 03/17/92	ALPHA/2SIGMA = 0.3 BETA/2SIGMA = 0.6 HEADER INFORMATION MODIFIED ON 11/11/92 BNA EXT 03-18-92 INJ 04-04-92 11 NOV 92 - SAMPLE SUBLOCATION CHANGED FROM "M37A" TO "----" TO REFLECT THE INFORMATION ON THE SAMPLE REQUEST FORM CHANGED REQUESTED BY E. LADEN. (JPG)
SJ34696	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M06A 03/30/92	VOC's 4/2/92 HG REANALYSIS: <0.0001MG/L
SJ34778	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER M49A 03/31/92	VOC's 4/2/92
SJ36823	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M60 05/06/92	VOC's 5/8/92
SJ36939	RINSATE BLANK AT PVLf AFTER WELL M61 05/07/92	VOC's 5/11/92
SJ38101	RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M30B 06/01/92	VOC's 6/2/92
SJ38414	RINSATE BLANK @ PVLf AFTER WELL M43A 06/05/92	VOC's 6/9/92

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
		RINS SJ10198 01/07/91	RINS SJ10427 01/09/91	RINS SJ11656 02/05/91	RINS SJ13246 03/13/91	RINS SJ13247 03/13/91	RINS SJ14097 04/04/91	RINS SJ15540 05/07/91	RINS SJ16503 05/23/91	RINS SJ17015 06/04/91	RINS SJ18939 07/12/91
GENERAL											
PH	PH	6.48	7.42	6.40	6.8	6.6	7.35	6.79 C	9.60	6.89	6.38 C
CONDUCTIVITY	UMHOS/CM	3.2	2.4	25.8	110	120	45.6	3.0	2.6	6.5	1.2
TOTAL DISSOLVED SOLIDS	MG/L	6.0	2.0	54.0	87	81	23.0	16.0	42	< 1	5
GROSS ALPHA RADIOACTIVITY	PCI/L	< 1	< 1	2	0.8	2.8					
GROSS BETA RADIOACTIVITY	PCI/L	1	1	< 1	1.5	4.1					
ANIONS											
NITRATE NITROGEN	MG/L N	0.01	< 0.05	0.08 D	< 0.14	0.2	< 0.01	< 0.01	0.01	< 0.01 D	0.02
SULFATE	MG/L SO4	3	< 1	2.6	< 2	< 2	2.9	1.8	0.3	0.9	0.3
CHLORIDE	MG/L CL	5	< 1	2	22	24	4.8	< 1	1	< 1	< 1
TOTAL ALKALINITY	MG/L CAC03	16	16	15	18	10	16	14	15	15	8
BICARBONATE ALKALINITY	MG/L CAC03	16	16	15	18	10	16	14	15	15	8
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1 C	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1 C
CATIONS											
CALCIUM-HARDNESS	MG/L CAC03	2.02	1.92	5.49	4.2	4.0	15.9	3.3	1.05 D	3.2	< 0.5
MAGNESIUM-HARDNESS	MG/L CAC03	0.617	0.617	1.13	1.2	1.2	3.18	< 0.8	1.05 D	0.8	< 0.8
SODIUM	MG/L NA	< 1.3	< 1.3	3.01	20	20	5	< 0.4	0.20 D	0.5	< 1
POTASSIUM	MG/L K	< 0.4	< 0.4	< 1	0.3	0.4	0.9	< 0.4	< 0.4 D	< 0.4	< 0.4
IRON	MG/L FE	0.16	0.04	0.05	< 0.1	< 0.1					
MANGANESE	MG/L MN	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
ORGANIC MATTER											
AMMONIA NITROGEN	MG/L N	0.1	0.1	< 0.1	< 0.1	< 0.1	0.2 D	0.1	0.1	< 0.1	< 0.1
TOTAL KJELDAHL NITROGEN	MG/L N	0.1	0.1	< 0.1	< 0.1	< 0.1	0.2	0.1	0.1	0.3	< 0.1
SOLUBLE BOD	MG/L O	< 1	1 C	< 1	< 7	< 7	1	1	< 1	1	< 1
SOLUBLE COD	MG/L O	< 3	< 3	8 E	< 5	19	6	< 3	< 3	6	99
TOTAL ORGANIC CARBON	MG/L C	0.87	0.50	0.55 D	3	< 3	0.60	1.0	0.37	0.50	0.41
OIL & GREASE	MG/L EXTRAC	4.0	4.3	1	< 1	< 1	< 1	3.8	< 1	< 1	6.8
TOTAL ORGANIC HALOGEN(TOX)	MG/L	< 0.08	0.12	0.030	0.072	0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040
METALS											
ARSENIC	MG/L AS	0.013	<.0005	.0006	< 0.002	< 0.002	<.0005	<.0005	<.0005	.0005	<.0005
BARIIUM	MG/L BA	< 0.02	0.02	< 0.02	< 0.007	< 0.007	< 0.02	< 0.02	< 0.02 D	< 0.02	< 0.02
CADMIUM	MG/L CD	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.01	< 0.01	< 0.01 D	< 0.01	< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02	< 0.02	< 0.02	< 0.005	< 0.005	< 0.02	< 0.02	< 0.02 D	< 0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.02	< 0.02 D	< 0.02							
COPPER	MG/L CU	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02					
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04	0.004	< 0.002	< 0.04	< 0.04	< 0.04 D	< 0.04	< 0.04

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-AVERAGE OF DUPS D-DUPLICATE SPIKE E-DUP & SPIKE
 F-CONSTIT NOT ANALYZE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-RETESTED

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	
		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ10198	SJ10427	SJ11656	SJ13246	SJ13247	SJ14097	SJ15540	SJ16503	SJ17015	SJ18939
		01/07/91	01/09/91	02/05/91	03/13/91	03/13/91	04/04/91	05/07/91	05/23/91	06/04/91	07/12/91
METALS											
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0005	<.0005	<.0001	<.0001	<.0001	<.0001	<.0001 D
NICKEL	MG/L NI	< 0.03	< 0.03	< 0.03	< 0.04	< 0.04					
SELENIUM	MG/L SE	.0011	<.0005	<.0005	<0.004	<0.004	<.0005	0.003	<.0005	<.0005	<.0005
SILVER	MG/L AG	<0.005	<0.005	<0.005	< 0.01	< 0.01	<0.005	<0.005	<0.005 D	<0.005	<0.005
ZINC	MG/L ZN	0.02	< 0.02	0.10	0.02	0.03					
PESTICIDES											
PP'-DDE	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
PP'-DDD	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
PP'-DDT	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
ALPHA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
LINDANE (GAMMA-BHC)	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
HEPTACHLOR	UG/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
HEPTACHLOR EPOXIDE	UG/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
ALDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
DIELDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
ENDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
TOXAPHENE	UG/L	< 1	< 1	< 5	< 0.50	< 0.50					
AROCLOR 1242	UG/L	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50					
AROCLOR 1254	UG/L	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50					
BETA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
DELTA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
CIS-CHLORDANE	UG/L	< 0.01	< 0.01	< 0.01			F			F	
TRANS-CHLORDANE	UG/L	< 0.01	< 0.01	< 0.01			F			F	
TRANS-NONACHLOR	UG/L	< 0.01	< 0.01	< 0.01			F			F	
OXYCHLORDANE	UG/L	< 0.01	< 0.01	< 0.01			F			F	
TOTAL DETECTED CHLORDANES	UG/L		A	A	A		F			F	
ENDOSULFAN I	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
ENDOSULFAN II	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
ENDOSULFAN SULFATE	UG/L	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02					
ENDRIN ALDEHYDE	UG/L	< 0.2	< 0.2	< 0.01	< 0.02	< 0.02					
AROCLOR 1016	UG/L	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50					
AROCLOR 1221	UG/L	< 0.5	< 0.5	< 0.1	< 0.50	< 0.50					
AROCLOR 1232	UG/L	< 0.5	< 0.5	< 0.1	< 0.50	< 0.50					
AROCLOR 1248	UG/L	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50					
AROCLOR 1260	UG/L	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50					
TECHNICAL CHLORDANE	UG/L	< 0.1	< 0.1		F < 0.20	< 0.20					
VOLATILE ORGANIC COMPOUND											
METHYLENE CHLORIDE	UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	0.6	< 1.0	< 1.0	< 0.5
CHLOROFORM	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	3.2	1.2	2.2	0.7

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-AVERAGE OF DUPS D-DUPLICATE SPIKE E-DUP & SPIKE
 F-CONSTIT NOT ANALYZE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-RETESTED

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	
		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ10198	SJ10427	SJ11656	SJ13246	SJ13247	SJ14097	SJ15540	SJ16503	SJ17015	SJ18939
		01/07/91	01/09/91	02/05/91	03/13/91	03/13/91	04/04/91	05/07/91	05/23/91	06/04/91	07/12/91
VOLATILE ORGANIC COMPOUND											
1,1,1-TRICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.50	0.6	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROENZENE	UG/L	< 0.50	0.5	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-DICHLOROENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M-DICHLOROENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
P-DICHLOROENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BENZENE	UG/L	< 0.50	0.8	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	32	< 0.3	< 0.3
TOLUENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
O-XYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BROMOMETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5	< 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	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.50	< 0.50	1.8	1.4	1.6	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ACROLEIN	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ACRYLONITRILE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
M+P-XYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
ANTHRACENE	UG/L	< 1	< 1	< 1	< 5.0	< 5.0					
BENZIDINE	UG/L	< 62	< 62	< 62	< 50	< 50					
BENZO(A)ANTHRACENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
BENZO(A)PYRENE	UG/L	< 7	< 7	< 7	< 5.0	< 5.0					
BENZO(B)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
BENZO(G,H,I)PERYLENE	UG/L	< 6	< 6	< 6	< 10	< 10					

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ10198	SJ10427	SJ11656	SJ13246	SJ13247	SJ14097	SJ15540	SJ16503	SJ17015	SJ18939
		01/07/91	01/09/91	02/05/91	03/13/91	03/13/91	04/04/91	05/07/91	05/23/91	06/04/91	07/12/91
ACID-BASE NEUTRAL EXTRACT											
BENZO(K)FLUORANTHENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
BIS(2-CL-ETHOXY)METHANE	UG/L	< 3	< 3	< 3	< 10	< 10					
BIS(2-CHLOROETHYL)ETHER	UG/L	< 5	< 5	< 5	< 10	< 10					
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 3	< 3	< 3	< 10	< 10					
DIETHYLHEXYL PHTHALATE	UG/L	6 B	2 B	< 10	< 20	< 20					
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9	< 9	< 5.0	< 5.0					
BUTYLBENZYL PHTHALATE	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
2-CHLORONAPHTHALENE	UG/L	< 1	< 1	< 1	< 5.0	< 5.0					
4-CHLOROPHENYLPHENYLETHER	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
CHRYSENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
DIBENZO(A,H)ANTHRACENE	UG/L	< 6	< 6	< 6	< 10	< 10					
1,2-DICHLOROENZENE	UG/L	< 10	< 10	< 10	< 5.0	< 5.0					
1,3-DICHLOROENZENE	UG/L	< 10	< 10	< 10	< 5.0	< 5.0					
1,4-DICHLOROENZENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
3,3'-DICHLOROENZIDINE	UG/L	< 100	< 100	< 100	< 50	< 50					
DIETHYL PHTHALATE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
DIMETHYL PHTHALATE	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
DI-N-BUTYL PHTHALATE	UG/L	< 4	< 4	< 4	< 10	< 10					
2,4-DINITROTOLUENE	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
2,6-DINITROTOLUENE	UG/L	< 5	< 5	< 5	< 5.0	< 5.0					
DI-N-OCTYL PHTHALATE	UG/L	< 5	< 5	< 5	< 10	< 10					
1,2-DIPHENYLHYDRAZINE	UG/L	< 1	< 1	< 1	< 10	< 10					
FLUORANTHENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
FLUORENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
HEXACHLOROENZENE	UG/L	< 1	< 1	< 1	< 5.0	< 5.0					
HEXACHLOROBUTADIENE	UG/L	< 10	< 10	< 10	< 10	< 10					
HEXACHLOROCYCLOPENTADIENE	UG/L	< 100	< 100	< 100	< 10	< 10					
HEXACHLOROETHANE	UG/L	< 12	< 12	< 12	< 5.0	< 5.0					
INDENO(1,2,3-C,D)PYRENE	UG/L	< 6	< 6	< 6	< 10	< 10					
ISOPHORONE	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
NAPHTHALENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
NITROENZENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
N-NITROSODIMETHYLAMINE	UG/L	< 30	< 30	< 30	< 5.0	< 5.0					
N-NITROSODI-N-PROPYLAMINE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
PHENANTHRENE	UG/L	< 1	< 1	< 1	< 5.0	< 5.0					
PYRENE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
2,3,7,8-TCDD	UG/L	< 3	< 3	< 3			F			F	
2-CHLOROPHENOL	UG/L	< 8	< 8	< 8	< 5.0	< 5.0					
1,2,4-TRICHLOROENZENE	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
2,4-DICHLOROPHENOL	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
2,4-DIMETHYLPHENOL	UG/L	< 3	< 3	< 3	< 5.0	< 5.0					
2,4-DINITROPHENOL	UG/L	< 39	< 39	< 39	< 50	< 50					
2-METHYL-4,6DINITROPHENOL	UG/L	< 17	< 17	< 17	< 50	< 50					

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COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK RINS SJ10198 01/07/91	BLNK RINS SJ10427 01/09/91	BLNK RINS SJ11656 02/05/91	BLNK RINS SJ13246 03/13/91	BLNK RINS SJ13247 03/13/91	BLNK RINS SJ14097 04/04/91	BLNK RINS SJ15540 05/07/91	BLNK RINS SJ16503 05/23/91	BLNK RINS SJ17015 06/04/91	BLNK RINS SJ18939 07/12/91
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ACID-BASE NEUTRAL EXTRACT

2-NITROPHENOL	UG/L	< 5	< 5	< 5	< 5.0	< 5.0					
4-NITROPHENOL	UG/L	< 6	< 6	< 6	< 10	< 10					
4-CHLORO-3-METHYLPHENOL	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
PENTACHLOROPHENOL	UG/L	< 16	< 16	< 16	< 10	< 10					
PHENOL	UG/L	5	3	1 B	< 5.0	< 5.0					
2,4,6-TRICHLOROPHENOL	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					
N-NITROSODIPHENYLAMINE	UG/L	< 2	< 2	< 2	< 5.0	< 5.0					

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ19058	SJ20670	SJ21535	SJ22264	SJ22327	SJ23489	SJ23782	SJ26352	SJ26518	SJ27797
		07/16/91	08/12/91	08/27/91	09/10/91	09/11/91	10/03/91	10/09/91	11/07/91	11/12/91	12/10/91
GENERAL											
PH	PH	7.04 C	4.82 C	7.40	6.74	7.60	6.99 C	7.38	6.68 C	6.70	6.36
CONDUCTIVITY	UMHOS/CM	4.3	5.7	24.1	7.4	2.8	13.4	21.2	31 C	5.0	1 C
TOTAL DISSOLVED SOLIDS	MG/L	16	11	7	13	13	156	108	15 E	0.031	14
GROSS ALPHA RADIOACTIVITY	PCI/L	< 0.1	< 0.1	40	< 0.1	1.1					
GROSS BETA RADIOACTIVITY	PCI/L	< 0.1	< 0.1	25	0.3	0.7					
ANIONS											
NITRATE NITROGEN	MG/L N	0.02	<0.001	< 0.01	< 0.01	< 0.01	< 0.01	0.05	0.04		0.02
SULFATE	MG/L SO4	< 0.1	< 0.1	< 0.1	< 1	< 1	0.3	< 1	0.2		0.3
CHLORIDE	MG/L CL	< 1	< 1	< 1	7.5	25.0	< 1	< 1	18.9		1
TOTAL ALKALINITY	MG/L CAC03	8	5	9	9	9 E	9 E	8	9		5
BICARBONATE ALKALINITY	MG/L CAC03	8	5	9	9	9	9	8	9		5
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1
CATIONS											
CALCIUM-HARDNESS	MG/L CAC03	1.52 D	< 0.5	2.50	< 20	< 20	< 4.99	1.42	1.30		< 0.5
MAGNESIUM-HARDNESS	MG/L CAC03	< 0.8 D	< 0.8	0.576	< 33	< 33	< 8.22	0.412	< 0.82		< 0.8
SODIUM	MG/L NA	< 1.3 D	< 1.3	< 0.13	< 3	< 3	< 1.3	2	< 1.3		< 0.4
POTASSIUM	MG/L K	< 0.4 D	< 0.4	< 0.04	< 0.8	< 0.8	< 0.4	< 0.4	< 0.4		< 0.4
IRON	MG/L FE	0.07 D	0.18	0.03	0.07	0.07					
MANGANESE	MG/L MN	< 0.01 D	0.01	< 0.01	< 0.01	< 0.01					
ORGANIC MATTER											
AMMONIA NITROGEN	MG/L N	0.2	0.1	< 0.1	0.1	0.1	< 0.1 D	< 0.1	0.1		0.1
TOTAL KJELDAHL NITROGEN	MG/L N	0.2	0.2	< 0.1	0.1	0.1	< 0.1	< 0.1	0.1		0.1
SOLUBLE BOD	MG/L O	< 1	< 1 C	< 1	< 1	< 1 C	64	< 1	< 1 C		< 1
SOLUBLE COD	MG/L O	2	11	13	< 1	< 1	< 3	5	< 3		< 3
TOTAL ORGANIC CARBON	MG/L C	1.2	5.0	3.3	0.73	0.80	0.40	0.47 D	0.36	0.28	0.22
OIL & GREASE	MG/L EXTRAC	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1
TOTAL ORGANIC HALOGEN(TOX)	MG/L	<0.040	0.041	0.046	<0.040	0.066	<0.040	<0.040	<0.040		<0.040
METALS											
ARSENIC	MG/L AS	<.0005	<.0005	0.042	<.0005	<.0005	.0007	<.0005	.0026		< 0.03
BARIUM	MG/L BA	< 0.02 D	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
CADMIUM	MG/L CD	< 0.01 D	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01
TOTAL CHROMIUM	MG/L CR	< 0.02 D	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02
HEXAVALENT CHROMIUM	MG/L CR	< 0.02 D	< 0.02	< 0.02 D	< 0.02	< 0.02 D					< 0.02
COPPER	MG/L CU	< 0.02 D	0.18	0.04	< 0.02	< 0.02					
LEAD	MG/L PB	< 0.04 D	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04		< 0.04

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ19058	SJ20670	SJ21535	SJ22264	SJ22327	SJ23489	SJ23782	SJ26352	SJ26518	SJ27797
		07/16/91	08/12/91	08/27/91	09/10/91	09/11/91	10/03/91	10/09/91	11/07/91	11/12/91	12/10/91
METALS											
MERCURY	MG/L HG	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001 D	.0001	<.0001 D		<.0001
NICKEL	MG/L NI	< 0.03 D	0.05	< 0.03	< 0.03	< 0.03					
SELENIUM	MG/L SE	<.0005	<.0005	0.010	<.0005	<.0005	<.0005	<.0005	.0040		< 0.1
SILVER	MG/L AG	<0.005 D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
ZINC	MG/L ZN	0.03 D	0.04	< 0.02	< 0.02	< 0.02					
PESTICIDES											
PP'-DDE	UG/L	< 0.01	< 0.01	< 0.01	< 2	< 2					
PP'-DDD	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
PP'-DDT	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
ALPHA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
LINDANE (GAMMA-BHC)	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
HEPTACHLOR	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
HEPTACHLOR EPOXIDE	UG/L	< 0.01	< 0.01	< 0.01	< 2	< 2					
ALDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
DIELDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
ENDRIN	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
TOXAPHENE	UG/L	< 1.0	< 5	< 1.0	< 5	< 5					
AROCLOR 1242	UG/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					
AROCLOR 1254	UG/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					
BETA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
DELTA-BHC	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
CIS-CHLORDANE	UG/L	< 0.01	< 0.01	< 0.01	< 2	< 2					
TRANS-CHLORDANE	UG/L	< 0.01	< 0.01	< 0.01	< 3	< 3					
TRANS-NONACHLOR	UG/L	< 0.01	< 0.01	< 0.01	< 3	< 3					
OXYCHLORDANE	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
TOTAL DETECTED CHLORDANES	UG/L	< 0.01 A	< 0.01 A	< 0.01 A	< 2 A	< 2 A					
ENDOSULFAN I	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
ENDOSULFAN II	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
ENDOSULFAN SULFATE	UG/L	< 0.01	< 0.01	< 0.01	< 1	< 1					
ENDRIN ALDEHYDE	UG/L	< 0.2	< 0.01	< 0.2	< 2	< 2					
AROCLOR 1016	UG/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					
AROCLOR 1221	UG/L	< 0.5	< 0.1	< 0.5	< 0.1	< 0.1					
AROCLOR 1232	UG/L	< 0.5	< 0.1	< 0.5	< 0.1	< 0.1					
AROCLOR 1248	UG/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					
AROCLOR 1260	UG/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					
TECHNICAL CHLORDANE	UG/L	< 0.1		F < 0.1	< 0.1	< 0.1					
VOLATILE ORGANIC COMPOUND											
METHYLENE CHLORIDE	UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
CHLOROFORM	UG/L	8.0	< 0.50	1.5	0.5	< 0.50	< 0.5	3.5	0.8	0.7	< 0.5

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		07/16/91	08/12/91	08/27/91	09/10/91	09/11/91	10/03/91	10/09/91	11/07/91	11/12/91	12/10/91
VOLATILE ORGANIC COMPOUND											
1,1,1-TRICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
CHLOROENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
P-DICHLOROBENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BENZENE	UG/L	1.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	0.3	< 0.3
TOLUENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
O-XYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
TRANS-1,2-DICHLOROETHYLEN	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
BROMOMETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5	< 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	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ACROLEIN	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ACRYLONITRILE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
FREDN 11 (CCL3F)	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ACETONE	UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
CIS-1,2-DICHLOROETHYLENE	UG/L	< 0.50	< 0.5	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
TETRAHYDROFURAN	UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-BUTANONE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-METHYL-2-PENTANONE	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
STYRENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
M+P-XYLENE	UG/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	BLNK	
		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ19058	SJ20670	SJ21535	SJ22264	SJ22327	SJ23489	SJ23782	SJ26352	SJ26518	SJ27797
		07/16/91	08/12/91	08/27/91	09/10/91	09/11/91	10/03/91	10/09/91	11/07/91	11/12/91	12/10/91
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHYLENE	UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
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	3 B	1 B	29	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-BROMOPHENYL PHENYLETHER	UG/L	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 3	1 B	< 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

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PALOS VERDES LANDFILL

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ19058	SJ20670	SJ21535	SJ22264	SJ22327	SJ23489	SJ23782	SJ26352	SJ26518	SJ27797
		07/16/91	08/12/91	08/27/91	09/10/91	09/11/91	10/03/91	10/09/91	11/07/91	11/12/91	12/10/91

ACID-BASE NEUTRAL EXTRACT											

2,3,7,8-TCDD	UG/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
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 B	3	2 B	3	3	3	3	3	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

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		12/11/91	12/31/91	01/02/92	02/03/92	02/29/92	03/14/92	03/17/92	03/30/92	03/31/92	05/06/92
GENERAL											
PH	PH	6.68	6.38	6.20	6.25	6.31	6.15	6.32	6.32	6.55	6.26
CONDUCTIVITY	UMHOS/CM	1.4	3.3	3.0	2 C	2.5	2.1	3.1	3.0	5.5	2.6
TOTAL DISSOLVED SOLIDS	MG/L	24	57 E	21	22	6	5	15	11 E	45 E	24 E
GROSS ALPHA RADIOACTIVITY	PCI/L		0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1			
GROSS BETA RADIOACTIVITY	PCI/L		0.4	0.1	< 0.1	< 0.1	< 0.1	0.1			
ANIONS											
NITRATE NITROGEN	MG/L N	0.02	< 0.01	0.02	< 0.01	0.01	0.05	0.01	1.99	0.01	< 0.01
SULFATE	MG/L SO4	6.1	< 0.6	< 0.1	< 0.1	< 1	< 1	< 1	1	< 0.1	< 0.1
CHLORIDE	MG/L CL	1.0	< 1 E	< 0.1	< 1	< 1	< 1	< 1	17.9	0.4	25.8
TOTAL ALKALINITY	MG/L CACO3	8	8	8	8	9	9	8	8 E	9	5
BICARBONATE ALKALINITY	MG/L CACO3	8	8	8	8	9	9	8	8	9	5
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1 C
CATIONS											
CALCIUM-HARDNESS	MG/L CACO3	0.674	< 0.5	< 0.5 D	0.524	0.549	0.474	0.749	0.674	1.15	0.59
MAGNESIUM-HARDNESS	MG/L CACO3	< 0.8	< 0.8	< 0.8 D	0.247	0.165	< 0.8	< 0.8	0.370	0.535	0.24
SODIUM	MG/L NA	< 0.4	< 2	< 2 D	< 2	4	4	< 2	2	< 0.4	2
POTASSIUM	MG/L K	< 0.4	< 0.4	< 0.4 D	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
IRON	MG/L FE		0.12	0.02 D	< 0.02	< 0.02	< 0.02	< 0.02	0.08		
MANGANESE	MG/L MN		< 0.01	< 0.01 D	< 0.01	< 0.01	< 0.01	< 0.01			
ORGANIC MATTER											
AMMONIA NITROGEN	MG/L N	0.2	0.1	< 0.1	< 0.1	0.28	< 0.01	< 0.1	0.21	< 0.01	0.42
TOTAL KJELDAHL NITROGEN	MG/L N	0.2	0.2	< 0.2	< 0.1	0.28	< 0.01	0.56	0.42	< 0.01	0.56
SOLUBLE BOD	MG/L O	1 C	< 1 C	< 1 C	< 1 C	< 1	1	1 C	< 1	< 1	< 1
SOLUBLE COD	MG/L O	7	< 3	39	< 3 E	< 3	< 3	< 3	< 3	< 3 E	< 3
TOTAL ORGANIC CARBON	MG/L C	0.34	0.81	0.58	0.23	0.29	0.27	0.36	0.28	0.27	0.28
OIL & GREASE	MG/L EXTRAC	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX)	MG/L	<0.040	0.053	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
METALS											
ARSENIC	MG/L AS	< 0.03	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005
BARIUM	MG/L BA	< 0.02	< 0.02	< 0.02 D	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
CADIUM	MG/L CD	< 0.01	< 0.01	< 0.01 D	< 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 D	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
HEXAVALENT CHROMIUM	MG/L CR			H < 0.02 D	< 0.02 D	< 0.02 D	< 0.02 D	< 0.02 D			
COPPER	MG/L CU		< 0.02	< 0.02 D	< 0.02	< 0.02	< 0.02	< 0.02			
LEAD	MG/L PB	< 0.04	< 0.04	< 0.04 D	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ27877	SJ28680	SJ30037	SJ31600	SJ32999	SJ33863	SJ33954	SJ34696	SJ34778	SJ36823
		12/11/91	12/31/91	01/02/92	02/03/92	02/29/92	03/14/92	03/17/92	03/30/92	03/31/92	05/06/92
METALS											
MERCURY	MG/L HG	<.0001 D	<.0001 D	<.0001	<.0001 D	<.0001	<.0001	<.0001 D	.0002 I	<.0001	<.0001
NICKEL	MG/L NI	< 0.03	< 0.03	< 0.03 D	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
SELENIUM	MG/L SE	< 0.1	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005	<.0005
SILVER	MG/L AG	<0.005	<0.005	<0.005 D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L ZN		< 0.02	< 0.02 D	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PESTICIDES											
PP'-DDE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
PP'-DDD	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
PP'-DDT	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
ALPHA-BHC	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
LINDANE (GAMMA-BHC)	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
HEPTACHLOR	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
HEPTACHLOR EPOXIDE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
ALDRIN	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
DIELDRIN	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
ENDRIN	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
TOXAPHENE	UG/L		< 5	< 5	< 5	< 5	< 5	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1242	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1254	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
BETA-BHC	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
DELTA-BHC	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
CIS-CHLORDANE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
TRANS-CHLORDANE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
TRANS-NONACHLOR	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
OXYCHLORDANE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
TOTAL DETECTED CHLORDANES	UG/L			A	A	A	A	< 0.20	< 0.20	< 0.20	< 0.20
ENDOSULFAN I	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
ENDOSULFAN II	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
ENDOSULFAN SULFATE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
ENDRIN ALDEHYDE	UG/L		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02
AROCLOR 1016	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1221	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1232	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1248	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
AROCLOR 1260	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.50	< 0.50	< 0.50	< 0.50
TECHNICAL CHLORDANE	UG/L		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1				
VOLATILE ORGANIC COMPOUND											
METHYLENE CHLORIDE	UG/L	< 1.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 1.0	< 1.0
CHLOROFORM	UG/L	0.6	< 0.50	0.9	1.0	0.8	0.7	< 0.50	< 0.5	< 0.5	< 0.5

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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
		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ27877	SJ28680	SJ30037	SJ31600	SJ32999	SJ33863	SJ33954	SJ34696	SJ34778	SJ36823
		12/11/91	12/31/91	01/02/92	02/03/92	02/29/92	03/14/92	03/17/92	03/30/92	03/31/92	05/06/92
VOLATILE ORGANIC COMPOUND											
1,1,1-TRICHLOROETHANE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
CARBON TETRACHLORIDE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
1,1-DICHLOROETHENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
TRICHLOROETHYLENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
TETRACHLOROETHYLENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
BROMODICHLOROMETHANE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
DIBROMOCHLOROMETHANE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
BROMOFORM	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
CHLOROBENZENE	UG/L	< 0.5	< 0.50	1.5	< 0.50	< 0.50	< 0.50	< 0.50	3.8	< 0.5	< 0.5
VINYL CHLORIDE	UG/L	< 0.5	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	2.7	< 0.5	< 0.5
O-DICHLOROBENZENE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
P-DICHLOROBENZENE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
1,1-DICHLOROETHANE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
1,1,2-TRICHLOROETHANE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
BENZENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
TOLUENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
ETHYL BENZENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
O-XYLENE	UG/L		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
TRANS-1,2-DICHLOROETHYLENE	UG/L	< 0.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.3	< 0.3	< 0.3
BROMOMETHANE	UG/L	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.5	< 2.5	< 2.5
1,2-DICHLOROPROPANE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5
ACROLEIN	UG/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
ACRYLONITRILE	UG/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
FREON 11 (CCL3F)	UG/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
ACETONE	UG/L		< 10.0	< 10.0	< 10.0	< 10	14	< 10			
CIS-1,2-DICHLOROETHYLENE	UG/L		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
TETRAHYDROFURAN	UG/L		< 10.0	< 10	< 10.0	< 10	< 10	< 10			
2-BUTANONE	UG/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
4-METHYL-2-PENTANONE	UG/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0			
STYRENE	UG/L		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
M+P-XYLENE	UG/L		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHENE	UG/L		< 20	< 2	< 2	< 2	< 2	< 2			

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
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		12/11/91	12/31/91	01/02/92	02/03/92	02/29/92	03/14/92	03/17/92	03/30/92	03/31/92	05/06/92
ACID-BASE NEUTRAL EXTRACT											
ACENAPHTHYLENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
ANTHRACENE	UG/L	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BENZIDINE	UG/L	< 620	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62	< 62
BENZO(A)ANTHRACENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(A)PYRENE	UG/L	< 70	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
BENZO(B)FLUORANTHENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BENZO(G,H,I)PERYLENE	UG/L	< 60	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
BENZO(K)FLUORANTHENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
BIS(2-CL-ETHOXY)METHANE	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
BIS(2-CHLOROETHYL)ETHER	UG/L	< 50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
BIS(2-CL-ISOPROPYL)ETHER	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
DIETHYLHEXYL PHTHALATE	UG/L	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-BROMOPHENYL PHENYLETHER	UG/L	< 90	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9
BUTYLBENZYL PHTHALATE	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2-CHLORONAPHTHALENE	UG/L	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-CHLOROPHENYLPHENYLETHER	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
CHRYSENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
DIBENZO(A,H)ANTHRACENE	UG/L	< 60	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
1,2-DICHLOROENZENE	UG/L	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,3-DICHLOROENZENE	UG/L	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,4-DICHLOROENZENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
3,3'-DICHLOROENZIDINE	UG/L	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
DIETHYL PHTHALATE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
DIMETHYL PHTHALATE	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
DI-N-BUTYL PHTHALATE	UG/L	< 40	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
2,4-DINITROTOLUENE	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
2,6-DINITROTOLUENE	UG/L	< 50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
DI-N-OCTYL PHTHALATE	UG/L	< 50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-DIPHENYLHYDRAZINE	UG/L	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
FLUORANTHENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
FLUORENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
HEXACHLOROENZENE	UG/L	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
HEXACHLOROBTADIENE	UG/L	< 100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
HEXACHLOROCYCLOPENTADIENE	UG/L	< 1000	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
HEXACHLOROETHANE	UG/L	< 120	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12	< 12
INDENO(1,2,3-C,D)PYRENE	UG/L	< 60	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
ISOPHORONE	UG/L	< 30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
NAPHTHALENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
NITROENZENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
N-NITROSODIMETHYLAMINE	UG/L	< 300	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30	< 30
N-NITROSODI-N-PROPYLAMINE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
PHENANTHRENE	UG/L	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
PYRENE	UG/L	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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		RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS	RINS
		SJ27877	SJ28680	SJ30037	SJ31600	SJ32999	SJ33863	SJ33954	SJ34896	SJ34778	SJ36823
		12/11/91	12/31/91	01/02/92	02/03/92	02/29/92	03/14/92	03/17/92	03/30/92	03/31/92	05/06/92
ACID-BASE NEUTRAL EXTRACT											
2,3,7,8-TCDD	UG/L	<	30	<	3	<	3	<	3	<	3
2-CHLOROPHENOL	UG/L	<	80	<	8	<	8	<	8	<	8
1,2,4-TRICHLOROBENZENE	UG/L	<	30	<	3	<	3	<	3	<	3
2,4-DICHLOROPHENOL	UG/L	<	30	<	3	<	3	<	3	<	3
2,4-DIMETHYLPHENOL	UG/L	<	30	<	3	<	3	<	3	<	3
2,4-DINITROPHENOL	UG/L	<	390	<	39	<	39	<	39	<	39
2-METHYL-4,6DINITROPHENOL	UG/L	<	170	<	17	<	17	<	17	<	17
2-NITROPHENOL	UG/L	<	50	<	5	<	5	<	5	<	5
4-NITROPHENOL	UG/L	<	60	<	6	<	6	<	6	<	6
4-CHLORO-3-METHYLPHENOL	UG/L	<	20	<	2	<	2	<	2	<	2
PENTACHLOROPHENOL	UG/L	<	160	<	16	<	16	<	16	<	16
PHENOL	UG/L	<	30	<	3	<	3	<	3	<	3
2,4,6-TRICHLOROPHENOL	UG/L	<	20	<	2	<	2	<	2	<	2
N-NITROSODIPHENYLAMINE	UG/L	<	20	<	2	<	2	<	2	<	2

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		RINS	RINS	RINS
		SJ36939	SJ38101	SJ38414
		05/07/92	06/01/92	06/05/92
GENERAL				
PH	PH	6.06 C	6.45	6.77
CONDUCTIVITY	UMHOS/CM	2.6	3.1	4.10 C
TOTAL DISSOLVED SOLIDS	MG/L	22	24	4788
ANIONS				
NITRATE NITROGEN	MG/L N	< 0.01	< 0.01	0.06
SULFATE	MG/L SO4	0.3	< 0.1	1.5 E
CHLORIDE	MG/L CL	< 1	5.9	18.7
TOTAL ALKALINITY	MG/L CAC03	4	5	5
BICARBONATE ALKALINITY	MG/L CAC03	4	5	5
TOTAL SULFIDE	MG/L S	< 0.1	< 0.1	< 0.1
CATIONS				
CALCIUM-HARDNESS	MG/L CAC03	12	< 10	< 10
MAGNESIUM-HARDNESS	MG/L CAC03	13	< 16	< 16
SODIUM	MG/L NA	1	12	27
POTASSIUM	MG/L K	< 0.4	< 0.4	< 0.4
ORGANIC MATTER				
AMMONIA NITROGEN	MG/L N	0.21	< 0.01	0.2
TOTAL KJELDAHL NITROGEN	MG/L N	0.21	0.07	0.2
SOLUBLE BOD	MG/L O	< 1	< 1 C	1 C
SOLUBLE COD	MG/L O	< 3	< 3 E	3 E
TOTAL ORGANIC CARBON	MG/L C	0.27	0.40	0.35
OIL & GREASE	MG/L EXTRAC	< 1	< 1	< 1
TOTAL ORGANIC HALOGEN(TOX	MG/L	<0.040	<0.040	<0.040
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	<.0001	.0002 D
SELENIUM	MG/L SE	<.0005	<.0005	.0009
SILVER	MG/L AG	<0.005	<0.005	<0.005

FOOTNOTES : A-ND = NONE DETECTED B-VALUE <MDL, >IDL C-AVERAGE OF DUPS D-DUPLICATE SPIKE E-DUP & SPIKE
 F-CONSTIT NOT ANALYZE G-AMENDED TEST RESULT H-CHECK NOTES TO USER I-RETESTED

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

WATER QUALITY MONITORING DATA

PALOS VERDES LANDFILL

CONSTITUENT/WELL NO.	UNITS	BLNK	BLNK	BLNK
		RINS	RINS	RINS
		SJ36939	SJ38101	SJ38414
		05/07/92	06/01/92	06/05/92
VOLATILE ORGANIC COMPOUND				
VOLATILE ORGANIC COMPOUND				
METHYLENE CHLORIDE	UG/L	< 1.0	< 1.0	< 2.0
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-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5
M-DICHLOROBENZENE	UG/L	< 0.5	< 0.5	< 0.5
P-DICHLOROBENZENE	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	< 0.3	< 0.3
1,2-DICHLOROETHANE	UG/L	< 0.3	< 0.3	< 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-DICHLOROETHYLENE	UG/L	< 0.3	< 0.3	< 0.3
BROMOMETHANE	UG/L	< 2.5	< 2.5	< 2.5
CHLOROETHANE	UG/L	< 2.5	< 2.5	< 2.5
2-CHLOROETHYL VINYLETHYL ETHER	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

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