

**PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT**

APPENDIX B.3.3.2

EQUIPMENT AND RINSATE BLANK RESULTS

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93705

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 80.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93707 SS1	CHLORIDE	105.0000 MG/L CL
SJ93708 SS14	CHLORIDE	85.0000 MG/L CL
SJ93709 SS15	CHLORIDE	360.0000 MG/L CL
SJ93701 SW1	CHLORIDE	120.0000 MG/L CL
SJ93702 SW14	CHLORIDE	80.0000 MG/L CL
SJ93703 SW15	CHLORIDE	350.0000 MG/L CL

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93706

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 5.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93707 SS1	DIETHYLHEXYL PHTHALATE	3.0000 UG/L
SJ93701 SW1	DIETHYLHEXYL PHTHALATE	1.0000 UG/L
SJ93702 SW14	DIETHYLHEXYL PHTHALATE	2.0000 UG/L

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93705

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93709 SS15	NITRATE NITROGEN	0.0300 MG/L N
SJ93703 SW15	NITRATE NITROGEN	0.0400 MG/L N

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93706

Compound in Equipment Blank OIL & GREASE
Concentration in Equipment Blank 1.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93707 SS1	OIL & GREASE	3.3000 MG/L EXTRACT
SJ93708 SS14	OIL & GREASE	2.5000 MG/L EXTRACT
SJ93701 SW1	OIL & GREASE	3.0000 MG/L EXTRACT
SJ93702 SW14	OIL & GREASE	4.0000 MG/L EXTRACT
SJ93703 SW15	OIL & GREASE	1.0000 MG/L EXTRACT

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to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93706

Compound in Equipment Blank PHENOL
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93701 SW1	PHENOL	2.0000 UG/L
SJ93702 SW14	PHENOL	2.0000 UG/L

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93705

Compound in Equipment Blank SELENIUM
Concentration in Equipment Blank 0.0010

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93707 SS1	SELENIUM	0.0050 MG/L SE
SJ93708 SS14	SELENIUM	0.0010 MG/L SE
SJ93709 SS15	SELENIUM	0.0050 MG/L SE
SJ93701 SW1	SELENIUM	0.0030 MG/L SE
SJ93702 SW14	SELENIUM	0.0020 MG/L SE
SJ93703 SW15	SELENIUM	0.0020 MG/L SE

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 04/04/90
Job Number of Equipment Blank SJ93705

Compound in Equipment Blank SILVER
Concentration in Equipment Blank 0.0050

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ93709 SS15	SILVER	0.0070 MG/L AG
SJ93701 SW1	SILVER	0.0060 MG/L AG
SJ93703 SW15	SILVER	0.0100 MG/L AG

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10114 SS13	CHLORIDE	10.0000 MG/L CL
SJ10103 SW13	CHLORIDE	10.0000 MG/L CL

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to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105
Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 11.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10106	SS1	DIETHYLHEXYL PHTHALATE 4.0000 UG/L
SJ10113	SS12	DIETHYLHEXYL PHTHALATE 7.0000 UG/L
SJ10114	SS13	DIETHYLHEXYL PHTHALATE 6.0000 UG/L
SJ10109	SS2	DIETHYLHEXYL PHTHALATE 16.0000 UG/L
SJ10111	SS4	DIETHYLHEXYL PHTHALATE 5.0000 UG/L
SJ10112	SS5	DIETHYLHEXYL PHTHALATE 9.0000 UG/L
SJ10102	SW12	DIETHYLHEXYL PHTHALATE 3.0000 UG/L
SJ10098	SW2	DIETHYLHEXYL PHTHALATE 4.0000 UG/L
SJ10101	SW5	DIETHYLHEXYL PHTHALATE 2.0000 UG/L

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10116
Compound in Equipment Blank METHYLENE CHLORIDE
Concentration in Equipment Blank 1.8000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10106	SS1	METHYLENE CHLORIDE 1.2000 UG/L
SJ10108	SS15	METHYLENE CHLORIDE 1.1000 UG/L
SJ10110	SS3	METHYLENE CHLORIDE 1.1000 UG/L

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PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105
Compound in Equipment Blank OIL & GREASE
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10106	SS1	OIL & GREASE 1.9000 MG/L EXTRACT
SJ10113	SS12	OIL & GREASE 2.3000 MG/L EXTRACT
SJ10114	SS13	OIL & GREASE 1.0000 MG/L EXTRACT
SJ10107	SS14	OIL & GREASE 1.0000 MG/L EXTRACT
SJ10108	SS15	OIL & GREASE 14.0000 MG/L EXTRACT
SJ10109	SS2	OIL & GREASE 5.0000 MG/L EXTRACT
SJ10111	SS4	OIL & GREASE 1.9000 MG/L EXTRACT
SJ10112	SS5	OIL & GREASE 3.2000 MG/L EXTRACT
SJ10095	SW1	OIL & GREASE 2.5000 MG/L EXTRACT
SJ10102	SW12	OIL & GREASE 2.7000 MG/L EXTRACT
SJ10103	SW13	OIL & GREASE 1.6000 MG/L EXTRACT
SJ10096	SW14	OIL & GREASE 3.7000 MG/L EXTRACT
SJ10097	SW15	OIL & GREASE 9.9000 MG/L EXTRACT
SJ10100	SW4	OIL & GREASE 2.5000 MG/L EXTRACT
SJ10101	SW5	OIL & GREASE 3.6000 MG/L EXTRACT

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105
Compound in Equipment Blank PHENOL
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10113	SS12	PHENOL 2.0000 UG/L
SJ10107	SS14	PHENOL 2.0000 UG/L
SJ10095	SW1	PHENOL 3.0000 UG/L
SJ10096	SW14	PHENOL 4.0000 UG/L
SJ10099	SW3	PHENOL 1.0000 UG/L

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105

Compound in Equipment Blank PHENOL
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10100 SW4	PHENOL	1.0000 UG/L

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10113 SS12	SULFATE	8.0000 MG/L SO4
SJ10114 SS13	SULFATE	2.0000 MG/L SO4
SJ10109 SS2	SULFATE	3.0000 MG/L SO4
SJ10110 SS3	SULFATE	1.0000 MG/L SO4
SJ10112 SS5	SULFATE	4.0000 MG/L SO4
SJ10102 SW12	SULFATE	8.0000 MG/L SO4
SJ10103 SW13	SULFATE	1.0000 MG/L SO4
SJ10098 SW2	SULFATE	4.0000 MG/L SO4
SJ10099 SW3	SULFATE	5.0000 MG/L SO4
SJ10100 SW4	SULFATE	10.0000 MG/L SO4
SJ10101 SW5	SULFATE	5.0000 MG/L SO4

Comparison of Rinsate & Equipment Blank Detections
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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105

Compound in Equipment Blank TOLUENE
Concentration in Equipment Blank 4.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10109 SS2	TOLUENE	0.6000 UG/L

Sample Date of Equipment Blank 01/03/91
Job Number of Equipment Blank SJ10105

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.0300

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10113 SS12	ZINC	0.1000 MG/L ZN
SJ10114 SS13	ZINC	0.1700 MG/L ZN
SJ10108 SS15	ZINC	0.1500 MG/L ZN
SJ10109 SS2	ZINC	0.2200 MG/L ZN
SJ10110 SS3	ZINC	0.2100 MG/L ZN
SJ10112 SS5	ZINC	0.1700 MG/L ZN
SJ10095 SW1	ZINC	0.2500 MG/L ZN
SJ10102 SW12	ZINC	0.0500 MG/L ZN
SJ10103 SW13	ZINC	0.0800 MG/L ZN
SJ10097 SW15	ZINC	0.0500 MG/L ZN
SJ10098 SW2	ZINC	0.1000 MG/L ZN
SJ10099 SW3	ZINC	0.1200 MG/L ZN
SJ10100 SW4	ZINC	0.2800 MG/L ZN
SJ10101 SW5	ZINC	0.1000 MG/L ZN

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

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PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10412

Compound in Equipment Blank CALCIUM
Concentration in Equipment Blank 0.7100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10409 SS16	CALCIUM	6.3100 MG/L CA
SJ10397 SW16	CALCIUM	4.3000 MG/L CA

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10412

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 20.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10400 SS1	CHLORIDE	150.0000 MG/L CL
SJ10408 SS11	CHLORIDE	25.0000 MG/L CL
SJ10409 SS16	CHLORIDE	10.0000 MG/L CL
SJ10403 SS6	CHLORIDE	40.0000 MG/L CL
SJ10404 SS7	CHLORIDE	40.0000 MG/L CL
SJ10405 SS8	CHLORIDE	10.0000 MG/L CL
SJ10406 SS9	CHLORIDE	130.0000 MG/L CL
SJ10388 SW1	CHLORIDE	121.0000 MG/L CL
SJ10396 SW11	CHLORIDE	17.0000 MG/L CL
SJ10397 SW16	CHLORIDE	2.0000 MG/L CL
SJ10391 SW6	CHLORIDE	30.0000 MG/L CL
SJ10392 SW7	CHLORIDE	24.0000 MG/L CL
SJ10393 SW8	CHLORIDE	9.0000 MG/L CL
SJ10394 SW9	CHLORIDE	127.0000 MG/L CL

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10412

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 40.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10408 SS11	DIETHYLHEXYL PHTHALATE	100.0000 UG/L

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10414

Compound in Equipment Blank MAGNESIUM
Concentration in Equipment Blank 0.1200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10397 SW16	MAGNESIUM	0.4000 MG/L MG

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10412

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 2.6000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10409 SS16	SULFATE	8.0000 MG/L SO4
SJ10405 SS8	SULFATE	22.0000 MG/L SO4
SJ10396 SW11	SULFATE	12.0000 MG/L SO4

Comparison of Rinsate & Equipment Blank Detections
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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/09/91
Job Number of Equipment Blank SJ10412

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 2.6000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ10397 SW16	SULFATE	1.0000 MG/L SO4
SJ10393 SW8	SULFATE	6.0000 MG/L SO4

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12712

Compound in Equipment Blank ARSENIC
Concentration in Equipment Blank 0.0010

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12707 SS10	ARSENIC	0.0057 MG/L AS
SJ12708 SS11	ARSENIC	0.0015 MG/L AS
SJ12709 SS16	ARSENIC	0.0084 MG/L AS
SJ12703 SS6	ARSENIC	0.0057 MG/L AS
SJ12705 SS8	ARSENIC	0.0031 MG/L AS
SJ12706 SS9	ARSENIC	0.0046 MG/L AS
SJ12698 SW10	ARSENIC	0.0064 MG/L AS
SJ12699 SW11	ARSENIC	0.0041 MG/L AS
SJ12694 SW6	ARSENIC	0.0050 MG/L AS
SJ12696 SW8	ARSENIC	0.0027 MG/L AS
SJ12697 SW9	ARSENIC	0.0043 MG/L AS

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12711

Compound in Equipment Blank BENZENE
Concentration in Equipment Blank 1.4000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12707	SS10	BENZENE 1.0000 UG/L
SJ12708	SS11	BENZENE 1.2000 UG/L
SJ12709	SS16	BENZENE 1.2000 UG/L
SJ12703	SS6	BENZENE 0.9000 UG/L
SJ12704	SS7	BENZENE 0.8000 UG/L
SJ12705	SS8	BENZENE 0.9000 UG/L
SJ12706	SS9	BENZENE 0.9000 UG/L

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12712

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12709	SS16	CHLORIDE 3.0000 MG/L CL
SJ12705	SS8	CHLORIDE 10.0000 MG/L CL
SJ12700	SW16	CHLORIDE 4.0000 MG/L CL

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12712

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 8.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12708 SS11	DIETHYLHEXYL PHTHALATE	8.0000 UG/L
SJ12709 SS16	DIETHYLHEXYL PHTHALATE	21.0000 UG/L
SJ12703 SS6	DIETHYLHEXYL PHTHALATE	10.0000 UG/L
SJ12706 SS9	DIETHYLHEXYL PHTHALATE	12.0000 UG/L
SJ12700 SW16	DIETHYLHEXYL PHTHALATE	45.0000 UG/L
SJ12694 SW6	DIETHYLHEXYL PHTHALATE	8.0000 UG/L
SJ12696 SW8	DIETHYLHEXYL PHTHALATE	26.0000 UG/L
SJ12697 SW9	DIETHYLHEXYL PHTHALATE	12.0000 UG/L

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12712

Compound in Equipment Blank MAGNESIUM
Concentration in Equipment Blank 0.2400

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12709 SS16	MAGNESIUM	0.8900 MG/L MG
SJ12700 SW16	MAGNESIUM	1.7700 MG/L MG

Comparison of Rinsate & Equipment Blank Detections
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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12711

Compound in Equipment Blank SELENIUM
Concentration in Equipment Blank 0.0005

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12707 SS10	SELENIUM	0.0010 MG/L SE
SJ12703 SS6	SELENIUM	0.0007 MG/L SE
SJ12704 SS7	SELENIUM	0.0013 MG/L SE
SJ12705 SS8	SELENIUM	0.0007 MG/L SE
SJ12706 SS9	SELENIUM	0.0009 MG/L SE
SJ12698 SW10	SELENIUM	0.0015 MG/L SE
SJ12699 SW11	SELENIUM	0.0007 MG/L SE
SJ12700 SW16	SELENIUM	0.0018 MG/L SE
SJ12695 SW7	SELENIUM	0.0012 MG/L SE
SJ12696 SW8	SELENIUM	0.0007 MG/L SE
SJ12697 SW9	SELENIUM	0.0010 MG/L SE

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12711

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 0.7100

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12709 SS16	SODIUM	2.5300 MG/L NA
SJ12705 SS8	SODIUM	5.8000 MG/L NA
SJ12700 SW16	SODIUM	2.6300 MG/L NA
SJ12696 SW8	SODIUM	5.9200 MG/L NA

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12712

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12709 SS16	SULFATE	8.0000 MG/L SO4
SJ12699 SW11	SULFATE	10.0000 MG/L SO4
SJ12700 SW16	SULFATE	10.0000 MG/L SO4

Sample Date of Equipment Blank 02/27/91
Job Number of Equipment Blank SJ12711

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.0300

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ12707 SS10	ZINC	0.0400 MG/L ZN
SJ12708 SS11	ZINC	0.0800 MG/L ZN
SJ12709 SS16	ZINC	0.2200 MG/L ZN
SJ12703 SS6	ZINC	0.1300 MG/L ZN
SJ12704 SS7	ZINC	0.1200 MG/L ZN
SJ12705 SS8	ZINC	0.1100 MG/L ZN
SJ12706 SS9	ZINC	0.1300 MG/L ZN
SJ12698 SW10	ZINC	0.0500 MG/L ZN
SJ12699 SW11	ZINC	0.0900 MG/L ZN
SJ12694 SW6	ZINC	0.0900 MG/L ZN
SJ12695 SW7	ZINC	0.1400 MG/L ZN
SJ12696 SW8	ZINC	0.1300 MG/L ZN
SJ12697 SW9	ZINC	0.1400 MG/L ZN

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13286

Compound in Equipment Blank CALCIUM
Concentration in Equipment Blank 0.5000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13283 SS16	CALCIUM	3.5000 MG/L CA
SJ13275 SW16	CALCIUM	3.2000 MG/L CA

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13286

Compound in Equipment Blank MAGNESIUM
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13283 SS16	MAGNESIUM	1.5000 MG/L MG
SJ13275 SW16	MAGNESIUM	1.3000 MG/L MG

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13286

Compound in Equipment Blank PHENOL
Concentration in Equipment Blank 9.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13277 SS6	PHENOL	19.0000 UG/L

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13286

Compound in Equipment Blank PHENOL
Concentration in Equipment Blank 9.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13275 SW16	PHENOL	20.0000 UG/L
SJ13270 SW7	PHENOL	5.0000 UG/L
SJ13271 SW8	PHENOL	6.0000 UG/L

Sample Date of Equipment Blank 03/13/91
Job Number of Equipment Blank SJ13285

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 0.5000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ13283 SS16	SODIUM	1.8000 MG/L NA
SJ13275 SW16	SODIUM	1.8000 MG/L NA

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank CALCIUM
Concentration in Equipment Blank 0.4000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28616 SS16	CALCIUM	1.6400 MG/L CA
SJ28601 SW16	CALCIUM	0.8100 MG/L CA

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28617 SS12	CHLORIDE	16.0000 MG/L CL
SJ28618 SS13	CHLORIDE	6.0000 MG/L CL
SJ28616 SS16	CHLORIDE	2.0000 MG/L CL
SJ28603 SW13	CHLORIDE	6.0000 MG/L CL
SJ28601 SW16	CHLORIDE	2.0000 MG/L CL
SJ28593 SW4	CHLORIDE	13.0000 MG/L CL
SJ28597 SW8	CHLORIDE	8.0000 MG/L CL

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Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 4.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28618	SS13	DIETHYLHEXYL PHTHALATE 5.0000 UG/L
SJ28616	SS16	DIETHYLHEXYL PHTHALATE 10.0000 UG/L
SJ28608	SS4	DIETHYLHEXYL PHTHALATE 1.0000 UG/L
SJ28612	SS8	DIETHYLHEXYL PHTHALATE 4.0000 UG/L
SJ28603	SW13	DIETHYLHEXYL PHTHALATE 3.0000 UG/L
SJ28591	SW2	DIETHYLHEXYL PHTHALATE 2.0000 UG/L
SJ28594	SW5	DIETHYLHEXYL PHTHALATE 3.0000 UG/L

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28621

Compound in Equipment Blank IRON
Concentration in Equipment Blank 0.0500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28598	SW9	IRON 0.4400 MG/L FE

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank MAGNESIUM
Concentration in Equipment Blank 0.2000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28616 SS16	MAGNESIUM	0.9000 MG/L MG
SJ28601 SW16	MAGNESIUM	0.3200 MG/L MG

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.0800

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28617 SS12	NITRATE NITROGEN	0.6600 MG/L N
SJ28618 SS13	NITRATE NITROGEN	0.3300 MG/L N
SJ28616 SS16	NITRATE NITROGEN	0.1200 MG/L N
SJ28599 SW10	NITRATE NITROGEN	0.6800 MG/L N
SJ28600 SW11	NITRATE NITROGEN	0.4300 MG/L N
SJ28603 SW13	NITRATE NITROGEN	0.3700 MG/L N
SJ28601 SW16	NITRATE NITROGEN	0.1400 MG/L N
SJ28593 SW4	NITRATE NITROGEN	0.5800 MG/L N

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28621

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28618 SS13	SODIUM	8.0000 MG/L NA
SJ28616 SS16	SODIUM	3.0000 MG/L NA
SJ28608 SS4	SODIUM	12.0000 MG/L NA
SJ28612 SS8	SODIUM	10.0000 MG/L NA
SJ28600 SW11	SODIUM	17.0000 MG/L NA
SJ28603 SW13	SODIUM	8.0000 MG/L NA
SJ28601 SW16	SODIUM	8.0000 MG/L NA
SJ28592 SW3	SODIUM	15.0000 MG/L NA
SJ28593 SW4	SODIUM	9.0000 MG/L NA
SJ28597 SW8	SODIUM	8.0000 MG/L NA

Sample Date of Equipment Blank 12/29/91
Job Number of Equipment Blank SJ28623

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 1.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ28618 SS13	SULFATE	4.0000 MG/L SO4
SJ28600 SW11	SULFATE	10.0000 MG/L SO4
SJ28603 SW13	SULFATE	4.0000 MG/L SO4

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank CALCIUM
Concentration in Equipment Blank 0.4200

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30071 SS5	CALCIUM	1.5700 MG/L CA

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank CHLORIDE
Concentration in Equipment Blank 6.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30076 SS12	CHLORIDE	24.0000 MG/L CL
SJ30061 SS13	CHLORIDE	4.0000 MG/L CL
SJ30078 SS2	CHLORIDE	11.0000 MG/L CL
SJ30075 SS4	CHLORIDE	18.0000 MG/L CL
SJ30071 SS5	CHLORIDE	20.0000 MG/L CL
SJ30066 SW12	CHLORIDE	25.0000 MG/L CL
SJ30058 SW13	CHLORIDE	4.0000 MG/L CL
SJ30068 SW2	CHLORIDE	11.0000 MG/L CL
SJ30065 SW4	CHLORIDE	18.0000 MG/L CL
SJ30073 SW5	CHLORIDE	20.0000 MG/L CL

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank CONDUCTIVITY
Concentration in Equipment Blank 22.6000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30061	SS13	CONDUCTIVITY 95.5000 UMHOS/CM
SJ30078	SS2	CONDUCTIVITY 138.0000 UMHOS/CM
SJ30075	SS4	CONDUCTIVITY 187.0000 UMHOS/CM
SJ30058	SW13	CONDUCTIVITY 100.0000 UMHOS/CM
SJ30068	SW2	CONDUCTIVITY 139.0000 UMHOS/CM
SJ30065	SW4	CONDUCTIVITY 192.0000 UMHOS/CM

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank DIETHYLHEXYL PHTHALATE
Concentration in Equipment Blank 31.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30078	SS2	DIETHYLHEXYL PHTHALATE 8.0000 UG/L
SJ30075	SS4	DIETHYLHEXYL PHTHALATE 6.0000 UG/L
SJ30071	SS5	DIETHYLHEXYL PHTHALATE 6.0000 UG/L
SJ30066	SW12	DIETHYLHEXYL PHTHALATE 4.0000 UG/L
SJ30058	SW13	DIETHYLHEXYL PHTHALATE 4.0000 UG/L
SJ30068	SW2	DIETHYLHEXYL PHTHALATE 8.0000 UG/L
SJ30065	SW4	DIETHYLHEXYL PHTHALATE 7.0000 UG/L
SJ30073	SW5	DIETHYLHEXYL PHTHALATE 7.0000 UG/L

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank MAGNESIUM
Concentration in Equipment Blank 0.3000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30058 SW13	MAGNESIUM	1.6500 MG/L MG
SJ30065 SW4	MAGNESIUM	0.2000 MG/L MG

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank NITRATE NITROGEN
Concentration in Equipment Blank 0.1500

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30076 SS12	NITRATE NITROGEN	1.2900 MG/L N
SJ30061 SS13	NITRATE NITROGEN	0.5100 MG/L N
SJ30078 SS2	NITRATE NITROGEN	0.6900 MG/L N
SJ30062 SS3	NITRATE NITROGEN	1.3400 MG/L N
SJ30075 SS4	NITRATE NITROGEN	1.0000 MG/L N
SJ30066 SW12	NITRATE NITROGEN	1.2100 MG/L N
SJ30068 SW2	NITRATE NITROGEN	0.7600 MG/L N
SJ30059 SW3	NITRATE NITROGEN	1.3200 MG/L N
SJ30065 SW4	NITRATE NITROGEN	1.0900 MG/L N
SJ30073 SW5	NITRATE NITROGEN	0.9200 MG/L N

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank SODIUM
Concentration in Equipment Blank 2.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30061	SS13	SODIUM 8.0000 MG/L NA
SJ30078	SS2	SODIUM 14.0000 MG/L NA
SJ30075	SS4	SODIUM 12.0000 MG/L NA
SJ30071	SS5	SODIUM 13.0000 MG/L NA
SJ30058	SW13	SODIUM 8.0000 MG/L NA
SJ30068	SW2	SODIUM 11.0000 MG/L NA
SJ30059	SW3	SODIUM 19.0000 MG/L NA
SJ30073	SW5	SODIUM 13.0000 MG/L NA

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank SULFATE
Concentration in Equipment Blank 3.0000

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30061	SS13	SULFATE 7.0000 MG/L SO4
SJ30078	SS2	SULFATE 16.0000 MG/L SO4
SJ30062	SS3	SULFATE 29.0000 MG/L SO4
SJ30075	SS4	SULFATE 24.0000 MG/L SO4
SJ30058	SW13	SULFATE 8.0000 MG/L SO4
SJ30068	SW2	SULFATE 16.0000 MG/L SO4
SJ30059	SW3	SULFATE 29.0000 MG/L SO4
SJ30065	SW4	SULFATE 23.0000 MG/L SO4

Comparison of Rinsate & Equipment Blank Detections
to Sample Detections in Surface Water Samples

Blank Concentrations > Sample Concentrations/10

PALOS VERDES LANDFILL - DRAFT PRELIMINARY REMEDIAL
INVESTIGATION REPORT

Sample Date of Equipment Blank 01/03/92
Job Number of Equipment Blank SJ30060

Compound in Equipment Blank ZINC
Concentration in Equipment Blank 0.0300

Detections in Samples Collected
with Equipment Blank

Job and Sublocation	Test	Result
SJ30061	SS13	ZINC 0.1200 MG/L ZN
SJ30078	SS2	ZINC 0.1500 MG/L ZN
SJ30075	SS4	ZINC 0.2700 MG/L ZN
SJ30071	SS5	ZINC 0.1700 MG/L ZN
SJ30058	SW13	ZINC 0.0900 MG/L ZN
SJ30068	SW2	ZINC 0.0600 MG/L ZN
SJ30059	SW3	ZINC 0.2700 MG/L ZN
SJ30065	SW4	ZINC 0.0800 MG/L ZN
SJ30073	SW5	ZINC 0.1200 MG/L ZN