

PALOS VERDES LANDFILL
REMEDIAL INVESTIGATION REPORT

APPENDIX A.3.5.2

CHAINS OF CUSTODY FOR
THE GROUND WATER SAMPLES FOR DIOXINS

Los Angeles County Sanitation Districts
 Palos Verdes Remedial Investigation/ Feasibility Study
 San Jose Creek Water Quality Laboratory
 Sample Request Form/Chain of Custody Record

Table 1

T. O'Keefe
 12/19/90

Lab Job Nos.: 1) SJ 07216 2) SJ 07217 3) SJ 07218 4) SJ 07219

Charge Nos. : 1) 5066909 B 242 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Loden 3719901218-01-004

Report To: 1: Mary Jacobs 2: _____ 3: 3719901218-02-002

4: _____ 5: _____ 6: 3719901218-03-003

Date and Time - Grab Samples: 1) 12/18/90 : _____ : _____ 2) 12/18/90 : _____ : _____
 3) 12/18/90 : _____ : _____ 4) 12/18/90 : _____ : _____

Composite Samples: 1) From: _____ / _____ / _____ : _____ : _____ To: _____ / _____ / _____ : _____ : _____
 2) From: _____ / _____ / _____ : _____ : _____ To: _____ / _____ / _____ : _____ : _____
 3) From: _____ / _____ / _____ : _____ : _____ To: _____ / _____ / _____ : _____ : _____
 4) From: _____ / _____ / _____ : _____ : _____ To: _____ / _____ / _____ : _____ : _____

Sample Locations: 1) 2 - PVLF - S7 Type: WELL Volume: _____ l
 2) 2 - PVLF - S20T Type: WELL Volume: _____ l
 3) 2 - PVLF - M57 Type: WELL Volume: _____ l
 4) 2 - PVLF - M61 Type: WELL Volume: _____ l

Descriptions: 1) _____
 2) _____
 3) _____
 4) _____

Proj. No.: _____ No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____

Project Title: _____

ADDITIONAL TESTS REQUIRED: (Use Reverse for More Tests) *

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	- Gross Alpha Radioactivity ³⁷⁰	16: _____	- _____	31: _____	- _____
2: _____	- Gross Beta Radioactivity ³⁷¹	17: _____	- _____	32: _____	- _____
3: _____	- Strontium 90 ¹²⁵	18: _____	- _____	33: _____	- _____
4: _____	- Radium 226, 228 ²⁰	19: _____	- _____	34: _____	- _____
5: _____	- Tritium ¹²²	20: _____	- _____	35: _____	- _____
6: _____	- Uranium ¹²⁵	21: _____	- _____	36: _____	- _____
7: _____	- _____	22: _____	- _____	37: _____	- _____
8: _____	- Dioxins ¹⁷⁰	23: _____	- _____	38: _____	- _____
9: _____	- _____	24: _____	- _____	39: _____	- _____
10: _____	- _____	25: _____	- _____	40: _____	- _____
11: _____	- _____	26: _____	- _____	41: _____	- _____
12: _____	- _____	27: _____	- _____	42: _____	- _____
13: _____	- _____	28: _____	- _____	43: _____	- _____
14: _____	- _____	29: _____	- _____	44: _____	- _____
15: _____	- _____	30: _____	- _____	45: _____	- _____

NOTES TO ANALYST: _____

* See Steve Carr for outside lab assignment

Jan 12/00

Los Angeles County Sanitation Districts
Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

3719901211-01-004
02-004

Lab Job Nos.: 1) SJ 06908 2) SJ 06909 3) SJ 4) SJ

Charge Nos.: 1) 5066909 B 842 2) B 3) B

Requested By: Ethan Lader

Report To: 1: Mary Jacobs 2: 3:
4: 5: 6:

Date and Time - Grab Samples: 1) 12 / 11 / 90 | 2 : 30pm 2) / / | :
3) 12 / 11 / 90 | 3 : 15pm 4) / / | :

Composite Samples: 1) From: / / | : To: / / | :
2) From: / / | : To: / / | :
3) From: / / | : To: / / | :
4) From: / / | : To: / / | :

Sample Locations: 1) 2 - PVLF - P4-10 Type: WELL Volume: 1
2) ~~2 - PVLF - P4-7~~ Type: ~~WELL~~ Volume: 1
3) 2 - PVLF - EW-7 Type: WELL Volume: 1
4) 2 - PVLF - Type: WELL Volume: 1

Descriptions: 1) _____
2) _____
3) _____
4) _____

Proj. No.: No. of Smples: Locations: 1) 2) 3) 4)

Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests) *

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	<u>Gross Alpha Radioactivity</u>	16: _____	_____	31: _____	_____
2: _____	<u>Gross Beta Radioactivity</u>	17: _____	_____	32: _____	_____
3: _____	<u>Strontium 90</u>	18: _____	_____	33: _____	_____
4: _____	<u>Radium 226, 228</u>	19: _____	_____	34: _____	_____
5: _____	<u>Tritium</u>	20: _____	_____	35: _____	_____
6: _____	<u>Uranium</u>	21: _____	_____	36: _____	_____
7: _____	_____	22: _____	_____	37: _____	_____
8: _____	<u>Dioxins</u>	23: _____	_____	38: _____	_____
9: _____	_____	24: _____	_____	39: _____	_____
10: _____	_____	25: _____	_____	40: _____	_____
11: _____	_____	26: _____	_____	41: _____	_____
12: _____	_____	27: _____	_____	42: _____	_____
13: _____	_____	28: _____	_____	43: _____	_____
14: _____	_____	29: _____	_____	44: _____	_____
15: _____	_____	30: _____	_____	45: _____	_____

NOTES TO ANALYST: _____

* See Steve Carr for outside lab assignment

A.M.-P.M. SPECIAL DELIVERY INC.

11223 VENICE BLVD • LOS ANGELES, CALIFORNIA 90066
213-398-6216

DATE Dec 12 1970

244601

CHARGE TO L.A. County

MESSAGED NO. <u>5</u>	RUSH	2-4 HOUR	DAILY	TRUCK	TIME 1/2
--------------------------	------	----------	-------	-------	----------

PICK UP FROM Kiedel Environmental Tech

ADDRESS

DELIVER TO San Jose Creek Re. Plant

ADDRESS 1965 Workman Mill Rd

INSTRUCTIONS

RECEIVED BY [Signature] TIME REC'D 0918 NO. OF PKGS. 5

OUR LIABILITY FOR LOSS OR DAMAGE FOR THIS SHIPMENT IS LIMITED TO \$250.00
WE ARE NOT LIABLE FOR LOSS DUE TO IMPROPER PACKAGING.

DELIVERY CHARGES	DO NOT WRITE IN SPACE BELOW
DELIVERY CHARGE	
WAITING TIME	
MISC.	
C.O.D.	
COMMODITY	
WEIGHT <u>10</u>	
3% INSURANCE SURCHARGE	
TOTAL	

1/2/16

Los Angeles County Sanitation Districts
Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Table 2

3719901220-01-004

Lab Job Nos.: 1) SJ 07337 2) SJ 3) SJ 4) SJ

Charge Nos.: 1) 5066909 B 242 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Loden

Report To: 1: Mary Jarvis 2: _____ 3: _____
4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 12/20/90 2) _____
3) _____ 4) _____

Composite Samples: 1) From: _____ To: _____
2) From: _____ To: _____
3) From: _____ To: _____
4) From: _____ To: _____

Sample Locations: 1) 2 - PVLF - P4-7 Type: WELL Volume: _____
2) 2 - PVLF - _____ Type: WELL Volume: _____
3) 2 - PVLF - _____ Type: WELL Volume: _____
4) 2 - PVLF - _____ Type: WELL Volume: _____

Descriptions: 1) _____
2) _____
3) _____
4) _____

Proj. No.: _____ No. of Smpls: 5 Locations: 1) 5 2) _____ 3) _____ 4) _____

Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests) *

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	- <u>Gross Alpha Radioactivity</u>	16: _____	_____	31: _____	_____
2: _____	- <u>Gross Beta Radioactivity</u>	17: _____	_____	32: _____	_____
3: _____	- <u>Strontium 90</u>	18: _____	_____	33: _____	_____
4: _____	- <u>Radium 226, 228</u>	19: _____	_____	34: _____	_____
5: _____	- <u>Tritium</u>	20: _____	_____	35: _____	_____
6: _____	- <u>Uranium</u>	21: _____	_____	36: _____	_____
7: _____	_____	22: _____	_____	37: _____	_____
8: _____	- <u>Dioxins</u>	23: _____	_____	38: _____	_____
9: _____	_____	24: _____	_____	39: _____	_____
10: _____	_____	25: _____	_____	40: _____	_____
11: _____	_____	26: _____	_____	41: _____	_____
12: _____	_____	27: _____	_____	42: _____	_____
13: _____	_____	28: _____	_____	43: _____	_____
14: _____	_____	29: _____	_____	44: _____	_____
15: _____	_____	30: _____	_____	45: _____	_____

NOTES TO ANALYST: _____

* See Steve Carr for outside lab assignment

Los Angeles County Sanitation Districts
 Palos Verdes Remedial Investigation/ Feasibility Study
 San Jose Creek Water Quality Laboratory
 Sample Request Form/Chain of Custody Record

*7822111
 2-4-99
 BLS
 87199102 01-01-0.*

Lab Job Nos.: 1) SJ 1197 2) SJ _____ 3) SJ _____ 4) SJ _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Lader

Report To: 1: _____ 2: _____ 3: _____
 4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 2/1/99 11:45am 2) _____
 3) _____ 4) _____

Composite Samples: 1) From: _____ To: _____
 2) From: _____ To: _____
 3) From: _____ To: _____
 4) From: _____ To: _____

Sample Locations: 1) ~~PULF~~ - PULF - M308 Type: WELL Volume: 2 l
 2) _____ Type: _____ Volume: _____ l
 3) _____ Type: _____ Volume: _____ l
 4) _____ Type: _____ Volume: _____ l

Descriptions: 1) Monitor well M308 at PULF
 2) _____
 3) _____
 4) _____

Proj. No.: _____ No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____

Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	<u>Dioxins</u>	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: Dioxin Analysis to be sent to outside lab - see S. Carr for details

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
1)	<u>MARK REID</u>	<u>2/1/99 3:00 am/pm</u>	<u>[Signature]</u>
2)	<u>[Signature]</u>	<u> / / : am/pm</u>	
3)		<u> / / : am/pm</u>	
4)		<u> / / : am/pm</u>	

6/13/11

Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 16969 2) SJ 16970 3) SJ 16971 4) SJ 16972-Blank
Charge Nos.: 1) 5066309 B 242 2) B 3) B B

Requested By: Ethan Linden

Report To: 1: 2: 3:
4: 5: 6:

Date and Time - Grab Samples: 1) 6/13/11 10:30am 2) :
3) 6/13/11 12:00pm 4) 6/13/11 1:05pm

Composite Samples: 1) From: / / : To: / / :
2) From: / / : To: / / :
3) From: / / : To: / / :
4) From: / / : To: / / :

Sample Locations: 1) 2 - PVLF - M34B Type: WELL Volume: 10 1
2) ~~2 - PVLF - M36A Type: WELL Volume: 10 1~~
3) 2 - PVLF - M35B Type: WELL Volume: 12 1
4) 2 - PVLF - M37A Type: WELL Volume: 12 1

Descriptions: 1) Palos Verdes Landfill well number
2)
3)
4)

Proj. No.: 656 No. of Smpls: Locations: 1) 2) 3) 4)
Project Title:

ADDITIONAL TESTS REQUIRED: (Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	_____	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

OK. Ethan Linden

NOTES TO ANALYST: SAMPLES 3&4 INCLUDE EXTRA SAMPLE VOLUME FOR DIOXIN ANALYSIS

CUSTODY RECORD

Relinquished by:	Date and time:	Received by:
1) Mark Reid	6/13/11 13:25 am/pm	[Signature]
2)	1/1/ : am/pm	
3)	1/1/ : am/pm	
4)	1/1/ : am/pm	

6/14/91

Palos Verdes Remedial Investigation, Palos Verdes, San Jose Creek Water Quality Laboratory Sample Request Form/Chain of Custody Record

Lab Job Nos: 1) SJ 17017 2) SJ 3) SJ 4) SJ
Verge Nos: 1) 5066909 B 842 2) B 3) B
Requested By: Ethan Leiden
Report To: 1: 2: 3: 4: 5: 6:

Date and Time - Grab Samples: 1) 6/4/91 10:35 2) 3) 4)

Composite Samples: 1) From: To: 2) From: To: 3) From: To: 4) From: To:

Sample Locations: 1) 2 - PULF - S7 Type: SUMP Volume: 12 2) 3) 4)

Descriptions: 1) Palos Verdes Landfill SUMP 7 2) 3) 4)

Proj. No.: 657 + No. of Smpls: Locations: 1) 2) 3) 4)
Project Title:

ADDITIONAL TESTS REQUIRED: (Use Reverse for More Tests)

Table with 6 columns: CODE, TEST NAME, CODE, TEST NAME, CODE, TEST NAME. Rows include: 1: 151 - SUSPENDED SOLIDS, 2: 156 - SETTLEABLE SOLIDS, 3: 206 - TOTAL CYANIDE, 4: 310 - TOTAL PHOSPHATE, 5: 312 - PHENOLS, 6: 314 - BORON, 7: 403 - TOTAL COD, 8: 639 - ACETIC ACID, 9: 640 - PROPIONIC ACID, 10: 641 - ISOBUTYRIC, 11: 642 - BUTYRIC, 12: 643 - ISVALERIC, 13: 644 - VALERIC, 14: 676 - ACETONE, 15: , 16: , 17: , 18: , 19: , 20: , 21: , 22: , 22: , 24: .

NOTES TO ANALYST: VOC's to outside lab for Method 624, INCLUDES 2 LITERS FOR DIOXIN ANALYSIS

CUSTODY RECORD

Table with 3 columns: Relinquished by, Date and time, Received by. Row 1: Brett Crane, 6/14/91 3:25 am/pm, [Signature]. Rows 2, 3, 4 are empty.

**San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record**

Lab Job Nos.: 1) SJ 17018 2) SJ 17019 - Blank 3) SJ _____ 4) SJ _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Linden

Report To: 1: _____ 2: _____ 3: _____
 4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 6/4/91 11:15 2) _____ : _____ : _____
 3) _____ : _____ : _____ 4) _____ : _____ : _____

Composite Samples: 1) From: _____ : _____ To: _____ : _____
 2) From: _____ : _____ To: _____ : _____
 3) From: _____ : _____ To: _____ : _____
 4) From: _____ : _____ To: _____ : _____

Sample Locations: 1) 2 - PULF - EW9 Type: WELL Volume: 2 l
 2) _____ Type: _____ Volume: _____ l
 3) _____ Type: _____ Volume: _____ l
 4) _____ Type: _____ Volume: _____ l

Descriptions: 1) Palos Verdes Landfill well number EW9
 2) _____
 3) _____
 4) _____

Proj. No.: _____ No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	_____	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: ANALYSE FOR DISSOLVED ONLY.

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
	<u>San Jose Creek</u>	<u>6/14/91 11:25 am/pm</u>	<u>[Signature]</u>
2)	_____	____/____/____ : ____ am/pm	_____
3)	_____	____/____/____ : ____ am/pm	_____
4)	_____	____/____/____ : ____ am/pm	_____

LAB ALBERTA COUNTY
Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 17562 2) SJ 1763 3) SJ 1764 4) SJ _____
 Charge Nos.: 1) 5066309 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Linden

Report To: 1: _____ 2: _____ 3: _____
 4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 6/13/91 12:00 2) 6/13/91 11:15
 3) 6/13/91 13:30 4) _____

Composite Samples: 1) From: _____ To: _____
 2) From: _____ To: _____
 3) From: _____ To: _____
 4) From: _____ To: _____

Sample Locations: 1) 2 - PVLF - M32B Type: WELL Volume: 10 l
 2) 2 - PVLF - M30B Type: WELL Volume: 12 l
 3) 2 - PVLF - M33B Type: WELL Volume: 12 l
 4) 2 - PVLF - Type: WELL Volume: _____ l

Descriptions: 1) Palos Verdes Landfill well number M32B
 2) " " " " M30B
 3) " " " " M33B
 4) _____

Proj. No.: 656 No. of Smples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	_____	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: SAMPLES 2+3 INCLUDE 2 LITERS EACH FOR DICKIN ANALYSIS

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
1)	<u>[Signature]</u>	<u>6/13/91 8:30 am</u>	<u>[Signature]</u>
2)	_____	____ ____ : ____	_____
3)	_____	____ ____ : ____	_____
4)	_____	____ ____ : ____	_____

Los Angeles County Sanitation District
Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 17565 2) SJ _____ 3) SJ _____ 4) SJ _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B _____ 3) _____ B _____
 Requested By: LADEN
 Report To: 1: _____ 2: _____ 3: _____
 4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 6 / 13 / 91 | 11:15 2) _____ | _____ : _____
 3) _____ | _____ : _____ 4) _____ | _____ : _____

Composite Samples: 1) From: _____ | _____ : _____ To: _____ | _____ : _____
 2) From: _____ | _____ : _____ To: _____ | _____ : _____
 3) From: _____ | _____ : _____ To: _____ | _____ : _____
 4) From: _____ | _____ : _____ To: _____ | _____ : _____

Sample Locations: 1) 2 - PVLF - - - - - Type: BLK Volume: 3 l
 2) _____ - _____ - _____ Type: _____ Volume: _____ l
 3) _____ - _____ - _____ Type: _____ Volume: _____ l
 4) _____ - _____ - _____ Type: _____ Volume: _____ l

Descriptions: 1) Rinse at PVLF AFTER M30B
 2) _____
 3) _____
 4) _____

Proj. No.: 656 No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	_____	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: SAMPLE INCLUDES 2 LITERS FOR DIOXIN ANALYSIS

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
1)	<u>[Signature]</u>	<u>6/13/91 18:30 am/pm</u>	<u>[Signature]</u>
2)	_____	____/____/____ : ____am/pm	_____
3)	_____	____/____/____ : ____am/pm	_____
4)	_____	____/____/____ : ____am/pm	_____

4/1/18/16

Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 17701 2) SJ 17702 3) SJ 17703 4) SJ
Charge Nos.: 1) 5066229 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Linden

Report To: 1: _____ 2: _____ 3: _____
4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 6/17/11 10:30 2) 6/17/11 12:00
3) 6/17/11 12:00 4) _____

Composite Samples: 1) From: _____ To: _____
2) From: _____ To: _____
3) From: _____ To: _____
4) From: _____ To: _____

Sample Locations: 1) 2 - PVLF - M38A Type: WELL Volume: 12 l
2) 2 - PVLF - M39A Type: WELL Volume: 12 l
3) 2 - PVLF - M39A Type: WELL Volume: 12 l
4) 2 - PVLF - Type: WELL Volume: _____ l

Descriptions: 1) Palos Verdes Landfill well number M38A
2) M39A
3) M39A (DUP)
4) _____

Proj. No.: 656 No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	_____	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: SAMPLES INCLUDE 2 LITERS EACH FOR DIOXIN ANALYSIS

CUSTODY RECORD

Relinquished by:	Date and time:	Received by:
1) _____	<u>6/17/11 1:00 pm</u>	<u>[Signature]</u>
2) _____	<u>1 1 1 : am/pm</u>	
3) _____	<u>1 1 1 : am/pm</u>	
4) _____	<u>1 1 1 : am/pm</u>	

7/9/91

Los Angeles County Sanitation Districts
Palos Verdes Remedial Investigation/ Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 18675 2) SJ 18676 3) SJ 18677 - *Palos* 4) SJ

Charge Nos.: 1) 5066909 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Linden

Report To: 1: _____ 2: _____ 3: _____
4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 7/9/91 10:15am 2) 7/9/91 10:15am
3) _____ 4) _____

Composite Samples: 1) From: _____ To: _____
2) From: _____ To: _____
3) From: _____ To: _____
4) From: _____ To: _____

Sample Locations: 1) 2 - PVLF - PV3 Type: WELL Volume: 12 l
2) 2 - PVLF - DV3 Type: WELL Volume: 12 l
3) 2 - PVLF - Type: WELL Volume: 1 l
4) 2 - PVLF - Type: WELL Volume: 1 l

Descriptions: 1) Palos Verdes Landfill well number PV3
2) PV3, DUP
3) _____
4) _____

Proj. No.: 85 + No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
Project Title: *Ethan Linden*

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	<u>DIOXINS</u>	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: Vol'd to outside Lab for Method 624, 2 LITRES TO OUTSIDE LAB FOR DIOXINS

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
1)	<u><i>Ethan Linden</i></u>	<u>7/9/91 10:10 am (pm)</u>	<u><i>[Signature]</i></u>
2)	_____	____ ____ : ____ am/pm	_____
3)	_____	____ ____ : ____ am/pm	_____
4)	_____	____ ____ : ____ am/pm	_____

Los Angeles County Sanitation Districts
 Palos Verdes Remedial Investigation/ Feasibility Study
 San Jose Creek Water Quality Laboratory
 Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) SJ 20196 2) SJ _____ 3) SJ _____ 4) SJ _____

Charge Nos. : 1) 5066 909 B 842 2) _____ B _____ 3) _____ B _____

Requested By: Ethan Lalen

Report To: 1: _____ 2: _____ 3: _____
 4: _____ 5: _____ 6: _____

Date and Time - Grab Samples: 1) 8/5/91 10:30 2) _____ : _____ : _____
 3) _____ : _____ : _____ 4) _____ : _____ : _____

Composite Samples: 1) From: _____ : _____ : _____ To: _____ : _____ : _____
 2) From: _____ : _____ : _____ To: _____ : _____ : _____
 3) From: _____ : _____ : _____ To: _____ : _____ : _____
 4) From: _____ : _____ : _____ To: _____ : _____ : _____

Sample Locations: 1) 2 - PVLF - M30B Type: WELL Volume: 2 l
 2) _____ Type: _____ Volume: _____ l
 3) _____ Type: _____ Volume: _____ l
 4) _____ Type: _____ Volume: _____ l

Descriptions: 1) Monitoring Well M30B
 2) _____
 3) _____
 4) _____

Proj. No.: _____ No. of Smpls: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: _____

ADDITIONAL TESTS REQUIRED:(Use Reverse for More Tests)

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1: _____	<u>DIOXINS</u>	9: _____	_____	17: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____
7: _____	_____	15: _____	_____	22: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____

NOTES TO ANALYST: _____

CUSTODY RECORD

	Relinquished by:	Date and time:	Received by:
1)	<u>[Signature]</u>	<u>8/5/91 3:10</u> am/pm	<u>[Signature]</u>
2)	_____	____/____/____ : ____	_____
3)	_____	____/____/____ : ____	_____
4)	_____	____/____/____ : ____	_____

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Job Nos.: 1) 22076 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: J. K. for E.L.

Report To: 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) 9 / 6 / 91 | 10:45 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Composite Samples:
 1) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 2) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 3) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 4) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___

Sample Locations: 1) 2 - PVLV - EW9 Type: WELL Volume: 2 liter
 2) - - Type: Volume: liter
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER EW9
 2)
 3)
 4)

 Project No.: No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL DIOXIN SAMPLING

Additional Tests Required					
CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- DIOXINS	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: 2 LITERS FOR DIOXIN ANALYSIS.

Relinquished by:	Date:	Time:	Received by:
1. <u>SKC</u>	<u>9 / 6 / 91</u>	<u>15:00</u>	<u>[Signature]</u>
2. _____	___ / ___ / ___	___ : ___	_____
3. _____	___ / ___ / ___	___ : ___	_____
4. _____	___ / ___ / ___	___ : ___	_____

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) 22079 2) 22080 3) 22081 4) *Blank*

Charge Nos. : 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: J. H. for E. Z.

Report To : 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) 9 / 6 / 91 | 10:00 2) 9 / 6 / 91 | 10:00
 3) _____ | _____ 4) _____ | _____

Composite Samples:
 1) From: _____ To: _____
 2) From: _____ To: _____
 3) From: _____ To: _____
 4) From: _____ To: _____

Sample Locations: 1) 2 - PVLV - S7 Type: SUMP Volume: 12 liter
 2) 2 - PVLV - S7 Type: SUMP Volume: 12 liter
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL SUMP 7
 2) PALOS VERDES LANDFILL SUMP 7 DUPLICATE
 3)
 4)

 Project No.: 4625F No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- EPA METHODS	7:	307 - CARB. ALK.	13:	-
2:	- 601/602	8:	405 - T.O.C.	14:	-
3:	- DIOXINS	9:	410 - T.O.X.	15:	-
4:	251 - TOTAL SULFIDE	10:	706 - BARIUM	16:	-
5:	305 - TOTAL ALKALINITY	11:	-	17:	-
6:	306 - BICARB. ALK.	12:	-	18:	-

NOTES TO ANALYST: Includes 2 liters for Dioxin sampling.

 Relinquished by: _____ Date: 9 / 6 / 91 Time: 15:00
 _____ Date: _____ Time: _____
 3. _____ Date: _____ Time: _____
 4. _____ Date: _____ Time: _____
 Received by: _____

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Job Job Nos.: 1) 22178 2) 22179- *pgmt* 3) 4)

Charge Nos. : 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: *L. W. for E. L.*

Report To : 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) 9 / 9 / 91 | 11 : 30 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Composite Samples:
 1) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 2) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 3) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___
 4) From: ___ / ___ / ___ | ___ : ___ To: ___ / ___ / ___ | ___ : ___

Sample Locations: 1) 2 - PVLV - M35B Type: WELL Volume: 12 liter
 2) ~~2 - PVLV - M37A Type: WELL Volume: 12 liter~~
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER M35B
 2) ~~PALOS VERDES LANDFILL WELL NUMBER M37A~~
 3)
 4)

 Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI ANNUAL WELL SAMPLING

Additional Tests Required

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- DIOXINS	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: VOC's to outside lab for Method 624. 2 LITERS FOR DIOXINS

Relinquished by:	Date: <u>9/9/91</u> Time: <u>3:05</u>	Received by:
1. <i>[Signature]</i>		<i>[Signature]</i>
2. _____	Date: ___/___/___ Time: ___:___	_____
3. _____	Date: ___/___/___ Time: ___:___	_____
4. _____	Date: ___/___/___ Time: ___:___	_____

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

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Lab Job Nos.: 1) 22260 2) 22261 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: J. P. for E.L.

Report To : 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) 9 / 10 / 91 | 2:30 2) 9 / 10 / 91 | 12:00
 3) _____ | _____ 4) _____ | _____

Composite Samples:
 1) From: _____ | _____:_____ To: _____ | _____:_____
 2) From: _____ | _____:_____ To: _____ | _____:_____
 3) From: _____ | _____:_____ To: _____ | _____:_____
 4) From: _____ | _____:_____ To: _____ | _____:_____

Sample Locations: 1) 2 - PVLV - M30B Type: WELL Volume: 12 liter
 2) 2 - PVLV - M33B Type: WELL Volume: 12 liter
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER M30B
 2) PALOS VERDES LANDFILL WELL NUMBER M33B
 3)
 4)

 Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI ANNUAL WELL SAMPLING

Additional Tests Required

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- DIOXINS	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: VOC's to outside lab for Method 624. 2 LITERS FOR DIOXINS

Relinquished by:	Date:	Time:	Received by:
<u>[Signature]</u>	<u>9/11/91</u>	<u>8:10</u>	
	____/____/____	____:____	
	____/____/____	____:____	
	____/____/____	____:____	

**Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record**

Lab Job Nos.: 1) 22263 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: L. N. for E.L.

Report To : 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) ___/___/___ :___:___ 2) 9/10/91 | 10:15
 3) ___/___/___ :___:___ 4) ___/___/___ :___:___

Composite Samples:
 1) From: ___/___/___ :___:___ To: ___/___/___ :___:___
 2) From: ___/___/___ :___:___ To: ___/___/___ :___:___
 3) From: ___/___/___ :___:___ To: ___/___/___ :___:___
 4) From: ___/___/___ :___:___ To: ___/___/___ :___:___

Sample Locations:
 1) ~~2 - PVLRF - M35B~~ Type: WELL Volume: 12 liter
 2) 2 - PVLRF - M37A Type: WELL Volume: 12 liter
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions:
 1) ~~PALOS VERDES LANDFILL WELL NUMBER M35B~~
 2) PALOS VERDES LANDFILL WELL NUMBER M37A
 3)
 4)

 Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI ANNUAL WELL SAMPLING

Additional Tests Required

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- DIOXINS	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: VOC's to outside lab for Method 624. 2 LITERS FOR DIOXINS

Relinquished by: _____ Date: 9/11/91 Time: 10:15

Received by: _____

1. _____ Date: ___/___/___ Time: ___:___

2. _____ Date: ___/___/___ Time: ___:___

3. _____ Date: ___/___/___ Time: ___:___

4. _____ Date: ___/___/___ Time: ___:___

**Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record**

Job Nos.: 1) 22264 2) 22265 3) _____ 4) _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____
 Requested by: KAUFMAN Sampling Approved by: L. N. for E. L.
 Report To : 1) LADEN 2) _____ 3) _____

Date and Time - Grab Samples:
 1) 9 / 10 / 91 | 2 : 40 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Composite Samples:
 1) From: _____ / _____ / _____ | _____ : _____ To: _____ / _____ / _____ | _____ : _____
 2) From: _____ / _____ / _____ | _____ : _____ To: _____ / _____ / _____ | _____ : _____
 3) From: _____ / _____ / _____ | _____ : _____ To: _____ / _____ / _____ | _____ : _____
 4) From: _____ / _____ / _____ | _____ : _____ To: _____ / _____ / _____ | _____ : _____

Sample Locations: 1) 2 - PVLF - ---- Type: BLNK Volume: liter
 2) - - - - Type: Volume: liter
 3) - - - - Type: Volume: liter
 4) - - - - Type: Volume: liter

Descriptions: 1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M30B
 2) _____
 3) _____
 4) _____

 Project No.: 657 No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI ANNUAL WELL SAMPLING

Additional Tests Required					
CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	- DIOXINS	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: VOC's to outside lab for Method 624. 2 LITERS FOR DIOXINS.

Relinquished by: [Signature] Date: 9/10/91 Time: 8:10
 Received by: _____
 _____ Date: _____ Time: _____
 _____ Date: _____ Time: _____
 _____ Date: _____ Time: _____

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

b Job Nos.: 1) 22458 2) 22459 3) _____ 4) _____

Charge Nos. : 1) 5066909 B 842 2) _____ B 3) _____ B

Requested by: KAUFMAN Sampling Approved by: J. W. for E.S.

Report To : 1) LADEN 2) _____ 3) _____

Date and Time - Grab Samples:

1) 9 / 12 / 91 | 10:30 2) 9 / 12 / 91 | 11:45
 3) _____ / _____ / _____ | _____:_____ 4) _____ / _____ / _____ | _____:_____

Composite Samples:

1) From: _____	_____ : _____	To: _____	_____ : _____
2) From: _____	_____ : _____	To: _____	_____ : _____
3) From: _____	_____ : _____	To: _____	_____ : _____
4) From: _____	_____ : _____	To: _____	_____ : _____

Sample Locations:

1) 2 - PVLF - M38A	Type: WELL	Volume: 12 liter
2) 2 - PVLF - M39A	Type: WELL	Volume: 12 liter
3) - -	Type: _____	Volume: _____ liter
4) - -	Type: _____	Volume: _____ liter

Descriptions:

- 1) PALOS VERDES LANDFILL WELL NUMBER M38A
- 2) PALOS VERDES LANDFILL WELL NUMBER M39A
- 3) _____
- 4) _____

 Project No.: 657 No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI ANNUAL WELL SAMPLING

Additional Tests Required

<u>CODE</u>	<u>TEST NAME</u>	<u>CODE</u>	<u>TEST NAME</u>	<u>CODE</u>	<u>TEST NAME</u>
1: -	DIOXINS	7: -		13: -	
2: -		8: -		14: -	
3: -		9: -		15: -	
4: -		10: -		16: -	
5: -		11: -		17: -	
6: -		12: -		18: -	

NOTES TO ANALYST: VOC's to outside lab for Method 624. 2 LITERS FOR DIOXINS

Relinquished by:	Date:	Time:	Received by:
1. <u>[Signature]</u>	<u>9/13/91</u>	<u>09:30</u>	<u>[Signature]</u>
2. _____	____/____/____	____:____	_____
3. _____	____/____/____	____:____	_____
4. _____	____/____/____	____:____	_____

**Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record**

Lab Job Nos.: 1) 23699 2) 23700 3) 23701 4) ²³⁷⁰²
 Charge Nos. : 1) 5066909 B 842 2) B 3) B

Requested by: KAUFMAN Sampling Approved by: J. K. for E. F.

Report To : 1) LADEN 2) 3)

Date and Time - Grab Samples:
 1) 10 / 8 / 91 | 10 : 55 2) 10 / 8 / 91 | 10 : 55
 3) / / | : 4) / / | :

Composite Samples:
 1) From: / / | : To: / / | :
 2) From: / / | : To: / / | :
 3) From: / / | : To: / / | :
 4) From: / / | : To: / / | :

Sample Locations: 1) 2 - PVLF - PV3 Type: WELL Volume: 12 liter
 2) 2 - PVLF - PV3 Type: WELL Volume: 12 liter
 3) - - Type: Volume: liter
 4) - - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER PV3
 2) PALOS VERDES LANDFILL WELL NUMBER PV3 DUPLICATE
 3)
 4)

 Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	-	7:	-	13:	-
2:	-	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST: Samples each include 2 liters for Dioxin analyses.

Relinquished by:	Date:	Time:	Received by:
1. _____	1 / /	:	_____
2. _____	/ /	:	_____
3. _____	/ /	:	_____
4. _____	/ /	:	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Job Nos.: 1) 26527 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: A. N. for E. J.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 11 / 12 / 91 | 10:00 2) / / : :
3) / / : : 4) / / : :

Date and Time - Composite Samples:

FROM:	TO:
1) / / : :	1) / / : :
2) / / : :	2) / / : :
3) / / : :	3) / / : :
4) / / : :	4) / / : :

Sample Locations:

1) 2 - PVLV - M46A	Type: WELL	Volume: 2	liters
2) - -	Type:	Volume:	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:

1) PALOS VERDES LANDFILL WELL NUMBER M46A
2)
3)
4)

Project No.: No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL MONTHLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: Send sample to outside lab for Dioxin Analysis.

<u>Relinquished By:</u> <u>[Signature]</u>	<u>Date:</u> <u>11/13/91</u>	<u>Time:</u> <u>8:10</u>	<u>Received By:</u> <u>[Signature]</u>

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 27587 2) _____ 3) _____ 4) _____
 Sample Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____ B

Requested By: KAUFMAN Sampling Approved by: F. N. per E.F.

Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:

1) 12 / 5 / 91 | 11:15 2) _____ / _____ / _____ | _____: _____

3) _____ / _____ / _____ | _____: _____ 4) _____ / _____ / _____ | _____: _____

Date and Time - Composite Samples:

FROM:

TO:

1) _____ / _____ / _____ | _____: _____ 1) _____ / _____ / _____ | _____: _____

2) _____ / _____ / _____ | _____: _____ 2) _____ / _____ / _____ | _____: _____

3) _____ / _____ / _____ | _____: _____ 3) _____ / _____ / _____ | _____: _____

4) _____ / _____ / _____ | _____: _____ 4) _____ / _____ / _____ | _____: _____

Sample Locations:

1) 2 - PVLV - EW9	Type: WELL	Volume: 2	liters
2) - -	Type:	Volume:	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:

- 1) PALOS VERDES LANDFILL EW9
- 2) _____
- 3) _____
- 4) _____

Project No.: _____ No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

Additional Tests Required

<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>
1: -	DIOXINS	10: -		19: -	
2: -		11: -		20: -	
3: -		12: -		21: -	
4: -		13: -		22: -	
5: -		14: -		23: -	
6: -		15: -		24: -	
7: -		16: -		25: -	
8: -		17: -		26: -	
9: -		18: -		27: -	

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

<u>Relinquished By:</u>	<u>Date:</u>	<u>Time:</u>	<u>Received By:</u>
<u>[Signature]</u>	<u>12/5/91</u>	<u>2:45</u>	<u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 27589 2) 27590- *Prank* 3) 4)

Large Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *J. H. for E. L.*
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 12 / 5 / 91 | 10 : 15 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Date and Time - Composite Samples:

FROM:

TO:

1) _____ / _____ / _____ | _____ : _____ 1) _____ / _____ / _____ | _____ : _____
 2) _____ / _____ / _____ | _____ : _____ 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 3) _____ / _____ / _____ | _____ : _____
 4) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Sample Locations:

1) 2 - PVLFF - S7	Type: SUMP	Volume: 12	liters
2) - -	Type:	Volume:	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:

1) SUMP 7 AT PVLFF
 2)
 3)
 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required

Code	Test Name	Code	Test Name	Code	Test Name
1: 151	- SUSPENDED S.	10: 641	- ISOBUTYRIC AC	19:	-
2: 156	- SETTLEABLE S.	11: 642	- BUTYRIC ACID	20:	-
3: 206	- TOT. CYANIDE	12: 643	- ISOVALERIC AC	21:	-
4: 310	- TOT. PHOSPHATE	13: 644	- VALERIC ACID	22:	-
5: 312	- PHENOLS	14: 676	- ACETONE	23:	-
6: 314	- BORON	15:	-	24:	-
7: 403	- TOTAL COD	16:	- DIOXINS	25:	-
8: 639	- ACETIC ACID	17:	-	26:	-
9: 640	- PROPIONIC ACI	18:	-	27:	-

Notes to Analyst: VOC'S TO OUTSIDE LAB FOR METHOD 624. 2 LITERS OF SAMPLE ARE INCLUDED FOR DIOXIN ANALYSIS.

Relinquished By:

Date:

Time:

Received By:

[Signature]

12 / 5 / 91

2 : 45

[Signature]

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 27725 2) 27726 3) 4)
 Sample Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: A. N. for E. L.
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 12 / 9 / 91 | 9 : 15 AM 2) 12 / 9 / 91 | 12 : 15 PM
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M35B Type: WELL Volume: 12 liters
 2) 2 - PVLV - M37A Type: WELL Volume: 12 liters
 3) - Type: Volume: liters
 4) - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M35B
 2) PALOS VERDES LANDFILL WELL NUMBER M37A
 3)
 4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: 2 LITERS INCLUDED FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>Brett L. Crane</u>	<u>12/9/91</u>	<u>2:50</u>	<u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 27727 2) 27728 3) 4)

Large Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: L. H. E. L.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 12 / 9 / 91 | 12:15pm 2) ___ / ___ / ___ | ___:___
3) ___ / ___ / ___ | ___:___ 4) ___ / ___ / ___ | ___:___

Date and Time - Composite Samples:

FROM:

TO:

1) ___ / ___ / ___ | ___:___ 1) ___ / ___ / ___ | ___:___
2) ___ / ___ / ___ | ___:___ 2) ___ / ___ / ___ | ___:___
3) ___ / ___ / ___ | ___:___ 3) ___ / ___ / ___ | ___:___
4) ___ / ___ / ___ | ___:___ 4) ___ / ___ / ___ | ___:___

Sample Locations:

1) 2 - PVLV - M37A Type: WELL Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:

1) PALOS VERDES LANDFILL WELL NUMBER M37A DUPLICATE
2)
3)
4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required

Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: 2 LITERS INCLUDED FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>Brett L Crane</u>	<u>12/9/91</u>	<u>2:50</u>	<u>[Signature]</u>
_____	___/___/___	___:___	_____
_____	___/___/___	___:___	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

0

Lab Job Nos.: 1) 27793 2) 27794 3) 4)

Large Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: K. H. for E. L.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 12 / 10 / 91 | 11 : 45 2) 12 / 10 / 91 | 9 : 45
 3) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ | _____ : _____ 1) _____ / _____ / _____ | _____ : _____
 2) _____ / _____ / _____ | _____ : _____ 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 3) _____ / _____ / _____ | _____ : _____
 4) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Sample Locations:
 1) 2 - PVLV - M30B Type: WELL Volume: 12 liters
 2) 2 - PVLV - ~~M31B~~ M33B Type: WELL Volume: 12 liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M30B
 2) PALOS VERDES LANDFILL WELL NUMBER M33B
 3)
 4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: 2 LITERS INCLUDED FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>Brett Crane</u>	<u>12 / 10 / 91</u>	<u>2 : 50</u>	<u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
 Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 27797 2) 27798 - *Blank* 3) 4)
 Sample Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: L. N. for E. L.
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 12 / 10 / 91 | 9 : 45 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Date and Time - Composite Samples:
 FROM: TO:
 1) ___ / ___ / ___ | ___ : ___ 1) ___ / ___ / ___ | ___ : ___
 2) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 3) ___ / ___ / ___ | ___ : ___
 4) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Sample Locations:
 1) 2 - PVLF - ---- Type: BLNK Volume: 12 liters
 2) - - - - - Type: Volume: liters
 3) - - - - - Type: Volume: liters
 4) - - - - - Type: Volume: liters

Descriptions:
 1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M33B
 2)
 3)
 4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Code		Test Name		Additional Tests Required	
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: 2 LITERS INCLUDED FOR DIOXIN ANALYSIS.

Relinquished By: <u>Brett Crane</u>	Date:	Time:	Received By:
	<u>12 / 10 / 91</u>	<u>2 : 50</u>	
	___ / ___ / ___	___ : ___	
	___ / ___ / ___	___ : ___	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Job Nos.: 1) 27976 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. N. For E. X.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 12 / 12 / 91 | 1:00 2) _____ / _____ / _____ | _____: _____

3) _____ / _____ / _____ | _____: _____ 4) _____ / _____ / _____ | _____: _____

Date and Time - Composite Samples:

FROM: **TO:**

1) _____ / _____ / _____ | _____: _____ 1) _____ / _____ / _____ | _____: _____

2) _____ / _____ / _____ | _____: _____ 2) _____ / _____ / _____ | _____: _____

3) _____ / _____ / _____ | _____: _____ 3) _____ / _____ / _____ | _____: _____

4) _____ / _____ / _____ | _____: _____ 4) _____ / _____ / _____ | _____: _____

Sample Locations:

1) 2 - PVLF - M57B Type: WELL Volume: 2 liters

2) - - Type: Volume: liters

3) - - Type: Volume: liters

4) - - Type: Volume: liters

Descriptions:

1) PALOS VERDES LANDFILL M57B

2)

3)

4)

Project No.: No. of Samples: Locations: 1) 2) 3) 4)

Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

Additional Tests Required						
<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>	
1:	- DIOXINS	10:	-	19:	-	
2:	-	11:	-	20:	-	
3:	-	12:	-	21:	-	
4:	-	13:	-	22:	-	
5:	-	14:	-	23:	-	
6:	-	15:	-	24:	-	
7:	-	16:	-	25:	-	
8:	-	17:	-	26:	-	
9:	-	18:	-	27:	-	

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

Relinquished By: <u>[Signature]</u>	Date:	Time:	Received By: <u>[Signature]</u>	
	<u>12/12/91</u>	<u>2:10</u>		
	___/___/___	__:__		

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 27977 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: L. K. for E. L.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 12 / 12 / 91 | 12:00 2) / / / : _____

3) / / / : _____ 4) / / / : _____

Date and Time - Composite Samples:

<u>FROM:</u>		<u>TO:</u>	
1) _____ / _____ / _____ _____ : _____	1) _____ / _____ / _____ _____ : _____	2) _____ / _____ / _____ _____ : _____	2) _____ / _____ / _____ _____ : _____
3) _____ / _____ / _____ _____ : _____	3) _____ / _____ / _____ _____ : _____	4) _____ / _____ / _____ _____ : _____	4) _____ / _____ / _____ _____ : _____

Sample Locations:

1) 2 - PVLV - M61B	Type: WELL	Volume: 2	liters
2) - -	Type: _____	Volume: _____	liters
3) - -	Type: _____	Volume: _____	liters
4) - -	Type: _____	Volume: _____	liters

Descriptions:

1) PALOS VERDES LANDFILL M61B

2) _____

3) _____

4) _____

Project No.: No. of Samples: Locations: 1) 2) 3) 4)

Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

<u>Code</u>		<u>Test Name</u>		<u>Code</u>		<u>Test Name</u>	
1:	-	DIOXINS		10:	-		
2:	-			11:	-		
3:	-			12:	-		
4:	-			13:	-		
5:	-			14:	-		
6:	-			15:	-		
7:	-			16:	-		
8:	-			17:	-		
9:	-			18:	-		
						19:	-
						20:	-
						21:	-
						22:	-
						23:	-
						24:	-
						25:	-
						26:	-
						27:	-

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

<u>Relinquished By:</u> <u>[Signature]</u>	<u>Date:</u> <u>12 / 12 / 91</u>	<u>Time:</u> <u>3:10</u>	<u>Received By:</u> <u>[Signature]</u>	
	____ / ____ / ____	____ : ____		_____
	____ / ____ / ____	____ : ____		_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
 Sample Request Form / Chain of Custody Record

0

Job Nos.: 1) 28116 2) 28117 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: L. N. R. E. T.
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 12 / 16 / 91 | 9 : 45 2) 12 / 16 / 91 | 10 : 50
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M38A Type: WELL Volume: 12 liters
 2) 2 - PVLV - M39A Type: WELL Volume: 12 liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M38A
 2) PALOS VERDES LANDFILL WELL NUMBER M39A
 3)
 4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: INCLUDES 2 LITERS FOR DIOXIN ANALYSIS

SAL	Date:	Time:	Received By:
	<u>12 / 16 / 91</u>	<u>15 : 00</u>	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Job Nos.: 1) 78679 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN **Sampling Approved by:** J. W. La E. J.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 12 / 31 / 91 | 12:30 2) ___ / ___ / ___ | ___:___
3) ___ / ___ / ___ | ___:___ 4) ___ / ___ / ___ | ___:___

Date and Time - Composite Samples:

FROM:	TO:
1) ___ / ___ / ___ ___:___	1) ___ / ___ / ___ ___:___
2) ___ / ___ / ___ ___:___	2) ___ / ___ / ___ ___:___
3) ___ / ___ / ___ ___:___	3) ___ / ___ / ___ ___:___
4) ___ / ___ / ___ ___:___	4) ___ / ___ / ___ ___:___

Sample Locations:

1) 2 - PVLFF - PV3	Type: WELL	Volume: 12	liters
2) - -	Type:	Volume:	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER PV3
2)
3)
4)

Project No.: 657+ **No. of Samples:** **Locations:** 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required					
<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>	<u>Code</u>	<u>Test Name</u>
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
2 L OF SAMPLE FOR DIOXIN ANALYSIS

Relinquished By: <u>[Signature]</u>	Date: <u>12/31/91</u>	Time: <u>15:35</u>	Received By: <u>[Signature]</u>

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Job Nos.: 1) 7368 2) 7368 - *Mark* 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *[Signature]*
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 12 / 31 / 91 12:45 2) / / : 3) / / : 4) / / :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / : 1) / / : 2) / / : 2) / / :
 3) / / : 3) / / : 4) / / : 4) / / :

Sample Locations:
 1) 2 - PVLV - ---- Type: BLNK Volume: 12 liters
 2) - - - - - Type: Volume: liters
 3) - - - - - Type: Volume: liters
 4) - - - - - Type: Volume: liters

Descriptions:
 1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL PV3
 2)
 3)
 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 2 L OF SAMPLE FOR DIOXIN ANALYSIS

Relinquished By: <i>[Signature]</i>	Date:	Time:	Received By: <i>[Signature]</i>
	12 / 31 / 91	15 : 00	
	/ /	:	
/ /	:	/ /	:

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
 Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 30429 2) 90430 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 1 / 10 / 92 | 11:45 2) 1 / 10 / 92 | 11:45
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M46A Type: WELL Volume: 12 liters
 2) 2 - PVLV - M46A Type: WELL Volume: 126 liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M46A
 2) PALOS VERDES LANDFILL WELL NUMBER M46A (DUP)
 3)
 4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 INCLUDES 2 L PER SAMPLE FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>B. Crane</u>	<u>1/10/92</u>	<u>2:43</u>	<u>[Signature]</u>

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Job Nos.: 1) 31597 2) 31598 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: L. N. for E-X
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 2 / 3 / 92 | 11:10 2) 2 / 3 / 92 | 12:50
 3) _____ | _____ 4) _____ | _____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ | _____ 1) _____ | _____
 2) _____ | _____ 2) _____ | _____
 3) _____ | _____ 3) _____ | _____
 4) _____ | _____ 4) _____ | _____

Sample Locations:
 1) 2 - PVLFF - M57 Type: WELL Volume: 12 liters
 2) 2 - PVLFF - M61 Type: WELL Volume: 12 liters
 3) - Type: Volume: liters
 4) - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M57
 2) PALOS VERDES LANDFILL WELL NUMBER M61
 3)
 4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLES EACH INCLUDE 2 LITERS FOR DIOXIN ANALYSES

Relinquished By: <u>Brett Crane</u>	Date:	Time:	Received By: <u>[Signature]</u>
	<u>2 / 3 / 92</u>	<u>3:00</u>	
	____/____/____	____:____	
	____/____/____	____:____	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 31599 2) _____ 3) _____ 4) _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____

Requested By: KAUFMAN Sampling Approved by: A. K. for E.L.
 Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:
 1) 2 / 3 / 92 | 11:10 2) _____ / _____ / _____ | _____:_____
 3) _____ / _____ / _____ | _____:_____
 4) _____ / _____ / _____ | _____:_____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ | _____:_____
 2) _____ / _____ / _____ | _____:_____
 3) _____ / _____ / _____ | _____:_____
 4) _____ / _____ / _____ | _____:_____

Sample Locations:
 1) 2 - PVLV - M57 Type: WELL Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M57 (DUP)
 2)
 3)
 4)

Project No.: 657 No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLE INCLUDES 2 LITERS FOR DIOXIN ANALYSES

<u>Relinquished By:</u> <u>Brett Crane</u>	<u>Date:</u> <u>2, 3, 92</u>	<u>Time:</u> <u>3:00</u>	<u>Received By:</u> <u>J</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Job Nos.: 1) 2/16/92 2) 2/16/92 - Blank 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. for E. J.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 2 / 3 / 92 | 12 : 50 2) ___ / ___ / ___ | ___ : ___
3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Date and Time - Composite Samples:
FROM: 1) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___
TO: 1) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Sample Locations:
1) 2 - PVLV - ---- Type: BLNK Volume: 12 liters
2) - - - - - Type: Volume: liters
3) - - - - - Type: Volume: liters
4) - - - - - Type: Volume: liters

Descriptions:
1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M61
2)
3)
4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLE INCLUDES 2 LITERS FOR DIOXIN ANALYSES.

Relinquished By:	Date:	Time:	Received By:
<u>Brett Crane</u>	<u>2/3/92</u>	<u>3:00</u>	<u>[Signature]</u>
_____	___/___/___	___:___	_____
_____	___/___/___	___:___	_____

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 33032 2) _____ 3) _____ 4) _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____ B

Requested By: KAUFMAN Sampling Approved by: L. H. for E.Z.
 Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:
 1) 3 / 2 / 92 | 11:30am 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ | _____ : _____ 1) _____ / _____ / _____ | _____ : _____
 2) _____ / _____ / _____ | _____ : _____ 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 3) _____ / _____ / _____ | _____ : _____
 4) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Sample Locations:
 1) 2 - PVLFF - EW9 Type: WELL Volume: 2 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL EW9
 2)
 3)
 4)

Project No.: _____ No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

Relinquished By: <u>[Signature]</u>	Date: <u>3/2/92</u>	Time: <u>15:10</u>	Received By: <u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 33032 2) 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. [Signature]
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 3 / 2 / 92 | 11:00 AM 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Date and Time - Composite Samples:
 FROM: TO:
 1) ___ / ___ / ___ | ___ : ___ 1) ___ / ___ / ___ | ___ : ___
 2) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 3) ___ / ___ / ___ | ___ : ___
 4) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Sample Locations:
 1) 2 - PVLf - S7 Type: SUMP Volume: liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) SUMP 7 AT PVLf
 2)
 3)
 4)

Project No.: 4625F+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	-EPA METHOD 601	10:	251 - TOTAL SULFIDE	19:	-
2:	-EPA METHOD 602	11:	-	20:	-
3:	-	12:	- DIOXINS	21:	-
4:	706 - BARIUM	13:	-	22:	-
5:	405 - TOC	14:	-	23:	-
6:	410 - TOX	15:	-	24:	-
7:	305 - TOTAL ALK.	16:	-	25:	-
8:	306 - BICARB. ALK.	17:	-	26:	-
9:	307 - CARB. ALK.	18:	-	27:	-

Notes to Analyst: Sample includes 2 L for dioxin analysis.

Relinquished By: <u>[Signature]</u>	Date:	Time:	Received By: <u>[Signature]</u>
	<u>3 / 2 / 92</u>	<u>15:10</u>	
	___ / ___ / ___	___ : ___	

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 33370 2) 33371 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 3 / 5 / 92 | 12:15 2) 3 / 5 / 92 | 9:45
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M30B Type: WELL Volume: 12 liters
 2) 2 - PVLV - M33B Type: WELL Volume: 12 liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M30B
 2) PALOS VERDES LANDFILL WELL NUMBER M33B
 3)
 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	<u>3/5/92</u>	<u>15:00</u>	<u>[Signature]</u>
	/ /	:	
	/ /	:	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 33372 2) _____ 3) _____ 4) _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____ B

Requested By: KAUFMAN Sampling Approved by: L. N. for E. L.

Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:
 1) 3 / 5 / 92 | 9:45 2) _____ / _____ / _____ | _____:_____
 3) _____ / _____ / _____ | _____:_____
 4) _____ / _____ / _____ | _____:_____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ | _____:_____
 2) _____ / _____ / _____ | _____:_____
 3) _____ / _____ / _____ | _____:_____
 4) _____ / _____ / _____ | _____:_____

Sample Locations:
 1) 2 - PVLV - M33B Type: WELL Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M33B DUP
 2)
 3)
 4)

Project No.: 657+ No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	<u>3 / 5 / 92</u>	<u>15:00</u>	<u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

RW 3/13/92

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 33898 2) 33899 3) 4)
Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. D. for E. L.
Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 3 / 13 / 92 | 10:15 2) 3 / 13 / 92 | 11:05
3) / / | : 4) / / | :

Date and Time - Composite Samples:
FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLF - M38A Type: WELL Volume: 12 liters
2) 2 - PVLF - M39A Type: WELL Volume: 12 liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER M38A
2) PALOS VERDES LANDFILL WELL NUMBER M39A
3)
4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Code		Test Name		Code		Test Name		Code		Test Name	
1:	-	624		10:	-	19:	-				
2:	-	DIOXINS		11:	-	20:	-				
3:	-			12:	-	21:	-				
4:	-			13:	-	22:	-				
5:	-			14:	-	23:	-				
6:	-			15:	-	24:	-				
7:	-			16:	-	25:	-				
8:	-			17:	-	26:	-				
9:	-			18:	-	27:	-				

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	<u>3/13/92</u>	<u>15:10</u>	<u>[Signature]</u>

AW 3/13/92

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 3384 ^{BK} 2) 3384 [#] 3) ~~3384~~ 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: F. H. for E. A.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 3 / 13 / 92 | 12:20 2) / / | :
3) / / | : 4) / / | :

Date and Time - Composite Samples:

FROM:

TO:

1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:

1) 2 - PVLF - M35B - ^{UOAS} Type: WELL Volume: 12 liters
~~2) 2 - PVLF - M37A Type: WELL Volume: 12 liters~~
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:

- 1) PALOS VERDES LANDFILL WELL NUMBER M35B
- 2) ~~PALOS VERDES LANDFILL WELL NUMBER M37A~~
- 3)
- 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required

Code	Test Name	Code	Test Name	Code	Test Name
1:	- 624	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	<u>3/13/92</u>	<u>15:10</u>	<u>[Signature]</u>
	/ /	:	
	/ /	:	

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 33859 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 3 / 14 / 92 | 11:35 2) / / | :
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M61B Type: WELL Volume: 2 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL M61B
 2)
 3)
 4)

Project No.: No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

<u>Relinquished By:</u> <u>Brett Crane</u>	<u>Date:</u> <u>3/16/92</u>	<u>Time:</u> <u>8:30</u>	<u>Received By:</u> <u>[Signature]</u>

0

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) _____ 2) **33953** 3) _____ 4) _____
 Sample Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____ B

Requested By: KAUFMAN Sampling Approved by: F. H. E. A.
 Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:
 1) _____ / _____ / _____ : _____ 2) 3 / 17 / 92 | 10 : 30
 3) _____ / _____ / _____ : _____ 4) _____ / _____ / _____ : _____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ : _____ 1) _____ / _____ / _____ : _____
 2) _____ / _____ / _____ : _____ 2) _____ / _____ / _____ : _____
 3) _____ / _____ / _____ : _____ 3) _____ / _____ / _____ : _____
 4) _____ / _____ / _____ : _____ 4) _____ / _____ / _____ : _____

Sample Locations:
~~1) 2 - PVLF - M37A Type: WELL Volume: 12 liters~~
 2) 2 - PVLF - M37A Type: WELL Volume: 12 liters
 3) - - - - - Type: Volume: liters
 4) - - - - - Type: Volume: liters

Descriptions:
~~1) PALOS VERDES LANDFILL WELL NUMBER M37A~~
 2) PALOS VERDES LANDFILL WELL NUMBER M37A
 3)
 4)

Project No.: 657+ No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By: <u>Brett Crane</u>	Date: <u>3/17/92</u>	Time: <u>11:42</u>	Received By: <u>[Signature]</u>
_____	_____	_____	_____
_____	_____	_____	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) **22954** 2) **22955-Blank** 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: J. H. Jones E.A.

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 3 / 17 / 92 | 10 : 30 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Date and Time - Composite Samples:
FROM: 1) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___
TO: 1) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Sample Locations:
 1) 2 - PVLV - ---- Type: BLNK Volume: 12 liters
 2) - - - - - Type: Volume: liters
 3) - - - - - Type: Volume: liters
 4) - - - - - Type: Volume: liters

Descriptions:
 1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M37A
 2)
 3)
 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624.
 INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSES

Relinquished By: <u>Brett L. Crane</u>	Date: <u>3/17/92</u>	Time: <u>1:42</u>	Received By: <u>[Signature]</u>
_____	___/___/___	___:___	_____
_____	___/___/___	___:___	_____

CRW 3/27/92

Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record

Lab Job Nos.: 1) 34649 2) 34650 3) 4)

Charge Nos.: 1) 5066909 B 842 2) 3) B

Requested by: KAUFMAN Sampling Approved by: David Robert for Zandeh

Report To: 1) LADEN 2) 3)

Date and Time - Grab Samples:
1) 3 / 27 / 92 | 10:35 2) 3 / 27 / 92 | 10:35
3) / / | : 4) / / | :

Composite Samples:
1) From: / / To: / /
2) From: / / To: / /
3) From: / / To: / /
4) From: / / To: / /

Sample Locations: 1) 2 - PVLV - M46A Type: WELL Volume: 10 liter
2) 2 - PVLV - M46A Type: WELL Volume: 10 liter
3) 2 - PVLV - Type: Volume: liter
4) 2 - PVLV - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER M46A (INCLUDING DIOXINS)
2) DUPLICATE SAMPLE -PALOS VERDES LANDFILL WELL; M46A (DIOXINS)
3)
4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required

CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	-	7:	-	13:	-
2:	- TEST FOR DIOXINS	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST:

Relinquished by: [Signature] Date: 3/27/92 Time: 15:20
Received by: [Signature]
1. [Signature] Date: / / Time: :
2. [Signature] Date: / / Time: :
3. Date: / / Time: :
4. Date: / / Time: :

**Palos Verdes Remedial Investigation / Feasibility Study
San Jose Creek Water Quality Laboratory
Sample Request Form/Chain of Custody Record**

Lab Job Nos.: 1) 34779 2) 34780 3) 34781 - *ppm* 4) _____
 Charge Nos. : 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____
 Requested by: KAUFMAN Sampling Approved by: *David Paltrow for [Signature]*
 Report To : 1) LADEN 2) _____ 3) _____

Date and Time - Grab Samples:
 1) 3 / 31 / 92 | 10:30 2) 3 / 31 / 92 | 10:30
 3) _____ / _____ / _____ | _____:_____ 4) _____ / _____ / _____ | _____:_____

Composite Samples:
 1) From: _____ / _____ / _____ | _____:_____ To: _____ / _____ / _____ | _____:_____
 2) From: _____ / _____ / _____ | _____:_____ To: _____ / _____ / _____ | _____:_____
 3) From: _____ / _____ / _____ | _____:_____ To: _____ / _____ / _____ | _____:_____
 4) From: _____ / _____ / _____ | _____:_____ To: _____ / _____ / _____ | _____:_____

Sample Locations: 1) 2 - PVLF - PV3 Type: WELL Volume: 10 liter
 2) 2 - PVLF - PV3 Type: BLNK Volume: 10 liter
 3) 2 - PVLF - Type: Volume: liter
 4) 2 - PVLF - Type: Volume: liter

Descriptions: 1) PALOS VERDES LANDFILL WELL NUMBER PV3 (INCLUDING DIOXINS)
 2) ~~_____~~ AT PALOS VERDES; WELL NUMBER PV3 (DIOXINS)
 3) *DUPLICATE*
 4) _____

 Project No.: 656 No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
CODE	TEST NAME	CODE	TEST NAME	CODE	TEST NAME
1:	-	7:	-	13:	-
2:	TEST FOR DIOXINS	8:	-	14:	-
3:	-	9:	-	15:	-
4:	-	10:	-	16:	-
5:	-	11:	-	17:	-
6:	-	12:	-	18:	-

NOTES TO ANALYST:

 Relinquished by: *[Signature]* Date: 3 / 31 / 92 Time: 3:00
 Received by: *[Signature]*
 _____ Date: _____ / _____ / _____ Time: _____:_____
 _____ Date: _____ / _____ / _____ Time: _____:_____
 _____ Date: _____ / _____ / _____ Time: _____:_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 36742 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 5 / 5 / 92 12:45 2) / / / :
 3) / / / : 4) / / / :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / / : 1) / / / :
 2) / / / : 2) / / / :
 3) / / / : 3) / / / :
 4) / / / : 4) / / / :

Sample Locations:
 1) 2 - PVLFF - M57 Type: WELL Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M57
 2)
 3)
 4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLE INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSIS.

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	5/5/92	2:50	<u>[Signature]</u>
	/ /	:	
	/ /	:	

J. J. Stan

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Grab Job Nos.: 1) 36743 2) 36744-Blank 3) 4)
Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *[Signature]*
Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 5 / 5 / 92 12:25 2) / / / :
3) / / / : 4) / / / :

Date and Time - Composite Samples:
FROM: TO:
1) / / / : 1) / / / :
2) / / / : 2) / / / :
3) / / / : 3) / / / :
4) / / / : 4) / / / :

Sample Locations:
1) 2 - PVLFF - M57 Type: WELL Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER M57 (DUP)
2)
3)
4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLE INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSIS.

Relinquished By:	Date:	Time:	Received By:
<i>[Signature]</i>	5 / 5 / 92	2:50	<i>[Signature]</i>
	/ /	:	
	/ /	:	

AS 5/8/92 9:53
JCRW

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 36988 2) 3) 4)
Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]
Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 5 / 7 / 92 | 12: 45 2) / / | :
3) / / | : 4) / / | :

Date and Time - Composite Samples:
FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLV - M61 Type: WELL Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER M61
2)
3)
4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLE INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSIS.

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	5/8/92	8:15	<u>[Signature]</u>
	/ /	:	
	/ /	:	

BS 5/8/92 10:12
VOM

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 36939 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 5 / 7 / 92 | 12:45 2) / / | :
3) / / | : 4) / / | :

Date and Time - Composite Samples:

FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLF - ---- Type: BLNK Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M61
2)
3)
4)

Project No.: 656 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLE INCLUDES EXTRA VOLUME FOR DIOXIN ANALYSIS.

Relinquished By: <u>SAC</u>	Date:	Time:	Received By: <u>[Signature]</u>
	5/8/92	8:15	
	/ /	:	
	/ /	:	
	/ /	:	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 28098 2) 38099 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 6 / 1 / 92 | 11 : 05 2) 6 / 1 / 92 | 12 : 50
 3) / / | : 4) / / | :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:
 1) 2 - PVLV - M33B Type: WELL Volume: 12 liters
 2) 2 - PVLV - M30B Type: WELL Volume: 12 liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M33B
 2) PALOS VERDES LANDFILL WELL NUMBER M30B
 3)
 4)

Project No.: 656+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLES INCLUDE 2 LITERS FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	6/1/92	3:10	<u>[Signature]</u>

06/12

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

0

Lab Job Nos.: 1) 28100 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 6 / 1 / 92 11:05 2) / / :
3) / / : 4) / / :

Date and Time - Composite Samples:
FROM: TO:
1) / / : 1) / / :
2) / / : 2) / / :
3) / / : 3) / / :
4) / / : 4) / / :

Sample Locations:
1) 2 - PVLV - M33B Type: WELL Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER M33B (DUP)
2)
3)
4)

Project No.: 656+ No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLES INCLUDE 2 LITERS FOR DIOXIN ANALYSIS

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	8/1/92	3:10	<u>[Signature]</u>
	/ /	:	
	/ /	:	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 38101 2) 38102 - 12/20/92 (3) 4) 0

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: OL. Oly...

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 6 / 1 / 92 | 12:50 2) / / | : :
 3) / / | : : 4) / / | : :

Date and Time - Composite Samples:
 FROM: TO:
 1) / / | : : 1) / / | : :
 2) / / | : : 2) / / | : :
 3) / / | : : 3) / / | : :
 4) / / | : : 4) / / | : :

Sample Locations:
 1) 2 - PVLV - ---- Type: BLNK Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M30B
 2)
 3)
 4)

Project No.: 656+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLES INCLUDE 2 LITERS FOR DIOXIN ANALYSIS

<u>Relinquished By:</u> <u>[Signature]</u>	<u>Date:</u> <u>6/1/92</u>	<u>Time:</u> <u>3:10</u>	<u>Received By:</u> <u>[Signature]</u>

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 38157 2) 38158 3) 4)
Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]
Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 6 / 2 / 92 | 11:10 2) 6 / 2 / 92 | 12:10
3) / / | : 4) / / | :

Date and Time - Composite Samples:
FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLV - M38A Type: WELL Volume: 12 liters
2) 2 - PVLV - M39A Type: WELL Volume: 10 liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL WELL NUMBER M38A
2) PALOS VERDES LANDFILL WELL NUMBER M39A
3)
4)

Project No.: 656+ No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

Code		Test Name		Additional Tests Required	
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLES INCLUDE 2 LITERS FOR DIOXIN ANALYSIS only for M38A

Relinquished By:	Date:	Time:	Received By:
<u>[Signature]</u>	6/2/92	14:40	<u>[Signature]</u>

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 28268 2) 28269- *blank* 3) 4)
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *[Signature]*
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 6 / 3 / 92 | 9:30 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Date and Time - Composite Samples:
 FROM: TO:
 1) ___ / ___ / ___ | ___ : ___ 1) ___ / ___ / ___ | ___ : ___
 2) ___ / ___ / ___ | ___ : ___ 2) ___ / ___ / ___ | ___ : ___
 3) ___ / ___ / ___ | ___ : ___ 3) ___ / ___ / ___ | ___ : ___
 4) ___ / ___ / ___ | ___ : ___ 4) ___ / ___ / ___ | ___ : ___

Sample Locations:
 1) 2 - PVLF - S7 Type: SUMP Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) SUMP 7 AT PVLF
 2)
 3)
 4)

Project No.: 657+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Code		Test Name		Additional Tests Required	
Code	Test Name	Code	Test Name	Code	Test Name
1: 151	- SUSPENDED S.	10: 641	- ISOBUTYRIC AC	19:	-
2: 156	- SETTLEABLE S.	11: 642	- BUTYRIC ACID	20:	-
3: 206	- TOT. CYANIDE	12: 643	- ISOVALERIC AC	21:	-
4: 310	- TOT. PHOSPHATE	13: 644	- VALERIC ACID	22:	-
5: 312	- PHENOLS	14: 676	- ACETONE	23:	-
6: 314	- BORON	15:	-	24:	-
7: 403	- TOTAL COD	16:	- DIOXINS	25:	-
8: 639	- ACETIC ACID	17:	-	26:	-
9: 640	- PROPIONIC ACI	18:	-	27:	-

Notes to Analyst: VOC'S TO OUTSIDE LAB FOR METHOD 624. SAMPLE INCLUDES 2 LITERS FOR DIOXIN ANALYSIS.

Relinquished By: <i>[Signature]</i>	Date: 6 / 3 / 92	Time: 14:45	Received By: <i>[Signature]</i>

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 28339 2) 38340 - Blank 3) 4) ⁰

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 6 / 4 / 92 11 : 45 2) / / / : :
 3) / / / : : 4) / / / : :

Date and Time - Composite Samples:

FROM: TO:

1) / / / : : 1) / / / : :
 2) / / / : : 2) / / / : :
 3) / / / : : 3) / / / : :
 4) / / / : : 4) / / / : :

Sample Locations:

1) 2 - PVLV - M37A	Type: WELL	Volume: 12	liters
2) - - -	Type: -	Volume: -	liters
3) - - -	Type: -	Volume: -	liters
4) - - -	Type: -	Volume: -	liters

Descriptions:

1) PALOS VERDES LANDFILL WELL NUMBER M37A
 2)
 3)
 4)

Project No.: 656+ No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL QUARTERLY WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	- DIOXINS	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SAMPLE INCLUDES 2 LITERS FOR DIOXIN ANALYSIS

Relinquished By: <u>[Signature]</u>	Date: 6 / 4 / 92	Time: 15:00	Received By: <u>[Signature]</u>
_____	_____	_____	_____
_____	_____	_____	_____

AS 6/5/92
JMW

1522 Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 38416 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 6 / 5 / 92 | 9:30 2) / / | :
3) / / | : 4) / / | :

Date and Time - Composite Samples:
FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLF - EW9 Type: WELL Volume: 2 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) PALOS VERDES LANDFILL EW9
2)
3)
4)

Project No.: No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL QUARTERLY DIOXIN SAMPLING

Additional Tests Required					
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: SEND SAMPLE OUT FOR DIOXIN ANALYSIS.

Relinquished By: <u>[Signature]</u>	Date: <u>6/5/92</u>	Time: <u>14:30</u>	Received By: <u>[Signature]</u>
	/ /	:	
	/ /	:	

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 40095 2) _____ 3) _____ 4) _____
 Charge Nos.: 1) 5066909 B 842 2) _____ B 3) _____ B 4) _____ B

Requested By: KAUFMAN Sampling Approved by: [Signature]
 Report To: 1) LADEN 2) _____ 3) _____ 4) _____

Date and Time - Grab Samples:
 1) 7 / 8 / 92 | 9 : 45 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Date and Time - Composite Samples:
 FROM: TO:
 1) _____ / _____ / _____ | _____ : _____ 1) _____ / _____ / _____ | _____ : _____
 2) _____ / _____ / _____ | _____ : _____ 2) _____ / _____ / _____ | _____ : _____
 3) _____ / _____ / _____ | _____ : _____ 3) _____ / _____ / _____ | _____ : _____
 4) _____ / _____ / _____ | _____ : _____ 4) _____ / _____ / _____ | _____ : _____

Sample Locations:
 1) 2 - PVLV - M46A Type: WELL Volume: 12 liters
 2) - - Type: Volume: liters
 3) - - Type: Volume: liters
 4) - - Type: Volume: liters

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER M46A
 2)
 3)
 4)

Project No.: 657 No. of Samples: _____ Locations: 1) _____ 2) _____ 3) _____ 4) _____
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. INCLUDES 2 LITERS FOR DIOXIN ANALYSES.

<u>Relinquished By:</u> <u>Brett L Crane</u>	<u>Date:</u> <u>7, 8, 92</u>	<u>Time:</u> <u>2:30</u>	<u>Received By:</u> <u>[Signature]</u>
_____	____/____/____	____:____	_____
_____	____/____/____	____:____	_____

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Lab Job Nos.: 1) 40096 2) 40097 3) 4) 0

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: [Signature]
Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
1) 7 / 8 / 92 | 9 : 45 2) / / | :
3) / / | : 4) / / | :

Date and Time - Composite Samples:
FROM: TO:
1) / / | : 1) / / | :
2) / / | : 2) / / | :
3) / / | : 3) / / | :
4) / / | : 4) / / | :

Sample Locations:
1) 2 - PVLFF - ---- Type: BLNK Volume: 12 liters
2) - - Type: Volume: liters
3) - - Type: Volume: liters
4) - - Type: Volume: liters

Descriptions:
1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M46A
2)
3)
4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. INCLUDES 2 LITERS FOR DIOXIN ANALYSES.

<u>Relinquished By:</u> Brett Crane	<u>Date:</u> 7, 8, 92	<u>Time:</u> 2:30	<u>Received By:</u> [Signature]

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
 Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 40165 2) 40166 - *Blank* 3) 4) ⁰
 Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *[Signature]*
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:
 1) 7/9/92 10:30 2) ___ / ___ / ___ : ___ : ___
 3) ___ / ___ / ___ : ___ : ___ 4) ___ / ___ / ___ : ___ : ___

Date and Time - Composite Samples:
 FROM: TO:
 1) ___ / ___ / ___ : ___ : ___ 1) ___ / ___ : ___ : ___
 2) ___ / ___ / ___ : ___ : ___ 2) ___ / ___ : ___ : ___
 3) ___ / ___ / ___ : ___ : ___ 3) ___ / ___ : ___ : ___
 4) ___ / ___ / ___ : ___ : ___ 4) ___ / ___ : ___ : ___

Sample Locations:
 1) 2 - PVLV - PV3 Type: WELL V
 2) - - Type: V
 3) - - Type: V
 4) - - Type: V

Descriptions:
 1) PALOS VERDES LANDFILL WELL NUMBER PV3
 2)
 3)
 4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. INCLUDES 2 LITERS FOR DIOXIN ANALYSES.

Relinquished By:	Date:	Time:	Received By:
<i>[Signature]</i>	<u>7/9/92</u>	<u>15:10</u>	<i>[Signature]</i>
_____	___/___/___	___:___	_____
_____	___/___/___	___:___	_____

Los Angeles County Sanitation Districts
 San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

b Job Nos.: 1) 41477 2) 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: Travis Hunt
 Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 8 / 5 / 92 | 10 : 30 2) / / | :
 3) / / | : 4) / / | :

Date and Time - Composite Samples:

FROM:

TO:

1) / / | : 1) / / | :
 2) / / | : 2) / / | :
 3) / / | : 3) / / | :
 4) / / | : 4) / / | :

Sample Locations:

1) 2 - PVLF - M57	Type: WELL	Volume: 12	liters
2) - -	Type:	Volume:	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:

- 1) PALOS VERDES LANDFILL WELL NUMBER M57
- 2)
- 3)
- 4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
 Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required

Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLE INCLUDES 2 L FOR DIOXIN ANALYSIS.

Relinquished By:	Date:	Time:	Received By:
<u>SAC</u>	<u>8/5/92</u>	<u>14:45</u>	
	/ /	:	
	/ /	:	

**Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record**

Job Nos.: 1) 41478 2) 41479 - *semi* 3) 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *Frankie Hirtvic*

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 8 / 5 / 92 | 10:30 2) / / | : _____

3) / / | : _____ 4) / / | : _____

Date and Time - Composite Samples:

FROM: TO:

1) / / | : _____ 1) / / | : _____

2) / / | : _____ 2) / / | : _____

3) / / | : _____ 3) / / | : _____

4) / / | : _____ 4) / / | : _____

Sample Locations:

1) 2 - PVLV - ----	Type: BLNK	Volume: 12	liters
2) - - - -	Type: -	Volume: -	liters
3) - - - -	Type: -	Volume: -	liters
4) - - - -	Type: -	Volume: -	liters

Descriptions:

1) RINSATE BLANK AT PALOS VERDES LANDFILL AFTER WELL M57

2)

3)

4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)

Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

		Additional Tests Required			
Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	-	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLE INCLUDES 2 L FOR DIOXIN ANALYSIS.

Relinquished By: <u><i>CAK</i></u>	Date:	Time:	Received By:
	<u>8</u> / <u>5</u> / <u>92</u>	<u>14:45</u>	

0

Los Angeles County Sanitation Districts
San Jose Creek Water Quality Laboratory
Sample Request Form / Chain of Custody Record

Lab Job Nos.: 1) 41623 2) 41624 3) 41625 - *Palos Verdes* 4)

Charge Nos.: 1) 5066909 B 842 2) B 3) B 4) B

Requested By: KAUFMAN Sampling Approved by: *Timothy Hentrick*

Report To: 1) LADEN 2) 3) 4)

Date and Time - Grab Samples:

1) 8 / 7 / 92 | 11 : 00 2) 8 / 7 / 92 | 11 : 00
3) / / | : 4) / / | :

Date and Time - Composite Samples:

FROM:		TO:	
1) / /	: :	1) / /	: :
2) / /	: :	2) / /	: :
3) / /	: :	3) / /	: :
4) / /	: :	4) / /	: :

Sample Locations:

1) 2 - PVLV - M61	Type: WELL	Volume: 12	liters
2) 2 - PVLV - M61	Type: WELL	Volume: 12	liters
3) - -	Type:	Volume:	liters
4) - -	Type:	Volume:	liters

Descriptions:

- 1) PALOS VERDES LANDFILL WELL NUMBER M61
- 2) PALOS VERDES LANDFILL WELL NUMBER M61 (DUP)
- 3)
- 4)

Project No.: 657 No. of Samples: Locations: 1) 2) 3) 4)
Project Title: PALOS VERDES LANDFILL SEMI-ANNUAL WELL SAMPLING

Additional Tests Required

Code	Test Name	Code	Test Name	Code	Test Name
1:	-	10:	-	19:	-
2:	- DIOXINS	11:	-	20:	-
3:	-	12:	-	21:	-
4:	-	13:	-	22:	-
5:	-	14:	-	23:	-
6:	-	15:	-	24:	-
7:	-	16:	-	25:	-
8:	-	17:	-	26:	-
9:	-	18:	-	27:	-

Notes to Analyst: VOCs TO OUTSIDE LAB FOR METHOD 624. SAMPLES INCLUDE 2 L FOR DIOXIN ANALYSIS.

Relinquished By:	Date:	Time:	Received By:
<i>Brett Crane</i>	<u>8</u> / <u>7</u> / <u>92</u>	<u>2</u> : <u>10</u>	<i>[Signature]</i>