SFUND RECORDS CTR
2075335

GROUNDWATER REMEDIATION COMPLIANCE DEMONSTRATION MONITORING REPORT SECOND QUARTER, 2004

Conservation Finance Corporation
c/o Southern California Edison Company
Visalia Pole Yard Project
Visalia, California

Krazan & ASSOCIATES, INC.
GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

GROUNDWATER REMEDIATION COMPLIANCE DEMONSTRATION MONITORING REPORT SECOND QUARTER, 2004

Conservation Finance Corporation
c/o Southern California Edison Company
Visalia Pole Yard Project
Visalia, California

Pentachlorophenol / Creosote / TPH-Diesel
Iron / Iron (II) / Ferric Iron
Nitrite / Nitrate / Methane
Sulfate / Hydrogen Sulfide / Total Sulfide
Analytical Data

VOLUME II

Project No. 014-01011
October 5, 2004

Prepared for:
Conservation Finance Corporation
c/o Southern California Edison
Attn: Mr. Randy Weidner
2244 Walnut Grove Avenue
Rosemead, California 91770
(626) 302-4033

Prepared By:
Krazan & Associates, Inc.
Environmental Division
215 West Dakota Avenue
Clovis, California 93612
(559) 348-2200

Krazan & ASSOCIATES, INC.
SITE DEVELOPMENT ENGINEERS

Calscience Environmental Laboratories, Inc.

May 14, 2004

Craig Eaker
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Subject: **Calscience Work Order No.: 04-04-1427**
Client Reference: VPY / 01401011

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/27/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Mike Crisostomo
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Krazan

Cal # 55

(1421)

CHAIN-OF-CUSTODY RECORD

DATE: 4-26-04 PAGE 1 OF 1

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 01401011

Project Name: (optional) VPY

Sampler Name (Printed): Michael Mauzy

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: Calscience

Lab Quote No.:

Method of Shipment/Delivery: Fed EX

REQUESTED ANALYSES

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel 8015D	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)							Remarks
1	VDMW-1	4-26-04	0700	VDMW-1	W	G	Y	3		X		X								
2	VDMW-2	↓	0730	VDMW-2	↓	↓	↓	3		X		X								
3	VDMW-3	↓	0800	VDMW-3	↓	↓	↓	3		X		X								
4	Temp blank	↓	–	Temp blank	↓	↓	N	1						X						38°F AT Time of Pick
5	Trip blank	↓	–	Trip blank	↓	D	Y	3		X		X								

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael Mauzy	Michael Mauzy	4-26-04	1500 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	[illegible]	Noel Cruise	4-27-04	1030 am pm	Calscience

13 Total Number of Containers Submitted to Laboratory

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 04 - 1427

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Krazan

DATE: 04/27/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.8 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NL

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NL

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: NL

COMMENTS:

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 04-04-1427

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Sample was analyzed past recommended holding time.
H	Sample analyzed past recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed on confirmation column.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Southern California Edison	Date Sampled:	04/26/04
2244 Walnut Grove Avenue	Date Received:	04/27/04
Rosemead, CA 91770-3714	Date Extracted:	05/10/04
	Date Analyzed:	05/10-11/04
	Work Order No.:	04-04-1427
Attn: Craig Eaker	Method:	DHS LUFT / EPA 8015M
RE: VPY / 01401011	Page 1 of 1	

All total petroleum hydrocarbon concentrations are reported in µg/L (ppb) using diesel fuel as a standard.

Sample Number	Concentration	Reporting Limit
VDMW-1	ND	50
VDMW-2	ND	50
VDMW-3	ND	50
Trip Blank	ND	50
Method Blank	ND	50

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method DHS LUFT / EPA 8015M - Diesel

Southern California Edison | Work Order No.: 04-04-1427
Page 1 of 1 | Date Analyzed: 05/10/04

LCS/LCS Duplicate

Analyte	LCS%REC	LCSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	88	90	67 - 128	2	0 - 21

Surrogate Recoveries (in %)

Sample Number	S1
VDMW-1	103
VDMW-2	90
VDMW-3	90
Trip Blank	87
Method Blank	86

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	53 - 141

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	04/27/04
2244 Walnut Grove Avenue		Work Order No:	04-04-1427
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	**04-04-1427-1**	**04/26/04**	**Aqueous**	**05/07/04**	**05/12/04**	**040507L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	0.24	1.0	1	J	Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	0.25	1.0	1	J	Creosote A	0.25	1.0		J
Fluoranthene	ND	1.0	1		Creosote B	0.49	0.20		J
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	97	70-130		Triphenyl Phosphate	120	70-130	
Perylene-d12	85	70-130					

VDMW-2	**04-04-1427-2**	**04/26/04**	**Aqueous**	**05/07/04**	**05/12/04**	**040507L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	100	70-130		Triphenyl Phosphate	139	70-130	2
Perylene-d12	87	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	04/27/04
2244 Walnut Grove Avenue		Work Order No:	04-04-1427
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-3	**04-04-1427-3**	**04/26/04**	**Aqueous**	**05/07/04**	**05/12/04**	**040507L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	0.46	1.0	1	J
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	0.15	1.0	1	J	Creosote A	0.31	1.0		J
Fluoranthene	0.16	1.0	1	J	Creosote B	0.77	0.20		J
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	100	70-130		Triphenyl Phosphate	116	70-130	
Perylene-d12	87	70-130					

Trip Blank	04-04-1427-4	04/26/04	Aqueous	05/07/04	05/13/04	040507L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	101	70-130		Triphenyl Phosphate	128	70-130	
Perylene-d12	86	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	04/27/04
2244 Walnut Grove Avenue		Work Order No:	04-04-1427
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**096-01-007-796**	**N/A**	**Aqueous**	**05/07/04**	**05/12/04**	**040507L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	101	70-130		Triphenyl Phosphate	102	70-130	
Perylene-d12	88	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-04-1427
Preparation:	Disk
Method:	EPA 525.2

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-007-796	Aqueous	GC/MS H	05/07/04	05/12/04	040507L06

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Naphthalene	73	74	70-130	0	0-30	
2-Methylnaphthalene	73	74	70-130	2	0-30	
1-Methylnaphthalene	72	74	70-130	2	0-30	
Acenaphthylene	70	78	70-130	11	0-30	
Acenaphthene	77	77	70-130	1	0-30	
Fluorene	77	80	70-130	3	0-30	
Pentachlorophenol	81	73	70-130	10	0-30	
Phenanthrene	83	84	70-130	1	0-30	
Anthracene	77	84	70-130	8	0-30	
Fluoranthene	93	95	70-130	2	0-30	
Pyrene	88	89	70-130	2	0-30	
Benzo (a) Anthracene	94	100	70-130	5	0-30	
Chrysene	105	103	70-130	2	0-30	
Benzo (b) Fluoranthene	96	98	70-130	3	0-30	
Benzo (k) Fluoranthene	101	101	70-130	0	0-30	
Benzo (a) Pyrene	94	100	70-130	6	0-30	
Indeno (1,2,3-c,d) Pyrene	93	88	70-130	6	0-30	
Dibenz (a,h) Anthracene	97	88	70-130	9	0-30	
Benzo (g,h,i) Perylene	96	86	70-130	11	0-30	

Calscience Environmental Laboratories, Inc.

July 21, 2004

Craig Eaker
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Subject: **Calscience Work Order No.: 04-07-0334**
Client Reference: VPY / 01401011

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/8/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Mike Crisostomo
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Southern California Edison		Date Sampled:	07/07/04
2244 Walnut Grove Avenue		Date Received:	07/08/04
Rosemead, CA 91770-3714		Date Extracted:	07/13/04
		Date Analyzed:	07/15/04
		Work Order No.:	04-07-0334
Attn: Craig Eaker		Method:	DHS LUFT / EPA 8015M
RE: VPY / 01401011		Page 1 of 1	

All total petroleum hydrocarbon concentrations are reported in µg/L (ppb) using diesel fuel as a standard.

Sample Number	Concentration	Reporting Limit
VDMW-1	ND	50
VDMW-2	ND	50
VDMW-3	ND	50
VDMW-4	ND	50
S-4I	ND	50
S-7I	ND	50
S-9D	57	50
S-11I	89	50
Method Blank	ND	50

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Southern California Edison	Date Sampled:	07/07/04
2244 Walnut Grove Avenue	Date Received:	07/08/04
Rosemead, CA 91770-3714	Date Digested:	07/08/04
	Date Analyzed:	07/08/04
	Work Order No.:	04-07-0334
Attn: Craig Eaker	Method:	EPA 6010B
RE: VPY / 01401011	Page 1 of 1	

All concentrations are reported in mg/L (ppm). Analyses for ferric iron were conducted on a total digestion.

Sample Number	Ferric Iron Concentration	Reporting Limit
VDMW-1	ND	0.100
VDMW-2	ND	0.100
VDMW-3	ND	0.100
VDMW-4	0.112	0.100
S-4I	ND	0.100
S-7I	ND	0.100
S-9D	ND	0.100
S-11I	0.177	0.100
Method Blank	ND	0.100

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	N/A
Method:	RSK-175M

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	N/A	07/12/04	040712L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-2	04-07-0334-2	07/07/04	Aqueous	N/A	07/12/04	040712L01

Parameter	Result	RL	DF	Qual	Units
Methane	6.89	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-3	04-07-0334-3	07/07/04	Aqueous	N/A	07/12/04	040712L01

Parameter	Result	RL	DF	Qual	Units
Methane	4.49	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-4	04-07-0334-4	07/07/04	Aqueous	N/A	07/12/04	040712L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-4I	04-07-0334-5	07/07/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-7I	04-07-0334-6	07/07/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	RSK-175M

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	04-07-0334-7	07/07/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

S-111	04-07-0334-8	07/07/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Method Blank	099-12-010-680	N/A	Aqueous	N/A	07/12/04	040712L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Method Blank	099-12-010-681	N/A	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received: 07/08/04
Work Order No: 04-07-0334
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

VDMW-2	04-07-0334-2	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

VDMW-3	04-07-0334-3	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

VDMW-4	04-07-0334-4	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	0.112	0.100	1		mg/L

S-4I	04-07-0334-5	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

S-7I	04-07-0334-6	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	04-07-0334-7	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

S-11I	04-07-0334-8	07/07/04	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	0.177	0.100	1		mg/L

Method Blank	097-01-003-3,982	N/A	Aqueous	07/08/04	07/08/04	040708L05

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	N/A
Method:	EPA 300.0
Units:	mg/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	55	10	10	D
Nitrate (as N)	8.9	1.0	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-2	04-07-0334-2	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	46	10	10	D
Nitrate (as N)	9.2	1.0	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-3	04-07-0334-3	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	0.74	0.10	1		Sulfate	51	10	10	D
Nitrate (as N)	7.0	1.0	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-4	04-07-0334-4	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	24	10	10	D
Nitrate (as N)	4.5	1.0	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-4I	04-07-0334-5	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	50	10	10	D
Nitrate (as N)	12	1	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-7I	04-07-0334-6	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	1.2	0.1	1		Sulfate	48	10	10	D
Nitrate (as N)	10	1	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	04-07-0334-7	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	22	10	10	D
Nitrate (as N)	5.0	1.0	10	D					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-11I	04-07-0334-8	07/07/04	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	1.4	0.1	1		Sulfate	46	10	10	D
Nitrate (as N)	7.7	1.0	10	D					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 300.0
		Units:	mg/L
Project: VPY / 01401011			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-05-118-2,280	N/A	Aqueous	N/A	07/08/04	040708L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	ND	1.0	1	
Nitrate (as N)	ND	0.10	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received: 07/08/04
Work Order No: 04-07-0334
Preparation: N/A
Method: HACH Model HS-C

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

VDMW-2	04-07-0334-2	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

VDMW-3	04-07-0334-3	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

VDMW-4	04-07-0334-4	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

S-4I	04-07-0334-5	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

S-7I	04-07-0334-6	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	HACH Model HS-C

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	04-07-0334-7	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

S-11I	04-07-0334-8	07/07/04	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

Method Blank	099-03-001-111	N/A	Aqueous	N/A	07/08/04	40708HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	N/A
Method:	SM3500-FeD

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

VDMW-2	04-07-0334-2	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

VDMW-3	04-07-0334-3	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

VDMW-4	04-07-0334-4	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

S-4I	04-07-0334-5	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

S-7I	04-07-0334-6	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	N/A
Method:	SM3500-FeD

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-8D	04-07-0334-7	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-11I	04-07-0334-8	07/07/04	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-05-111-1,704	N/A	Aqueous	N/A	07/08/04	40708FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 376.2

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

VDMW-2	04-07-0334-2	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

VDMW-3	04-07-0334-3	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

VDMW-4	04-07-0334-4	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

S-4I	04-07-0334-5	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

S-7I	04-07-0334-6	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 376.2

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-0D	04-07-0334-7	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-1H	04-07-0334-8	07/07/04	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-05-089-1,612	N/A	Aqueous	N/A	07/09/04	40709SB3

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	04-07-0334-1	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	98	21-100		Phenol-d6	102	10-94	2
Nitrobenzene-d5	92	35-114		2-Fluorobiphenyl	87	43-116	
2,4,6-Tribromophenol	83	10-123		p-Terphenyl-d14	99	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	EPA 3520B
Method:	EPA 8270C
Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-2	04-07-0334-2	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	11	1.065		Acenaphthene	ND	11	1.065	
Aniline	ND	11	1.065		2,4-Dinitrophenol	ND	21	1.065	
Phenol	ND	11	1.065		4-Nitrophenol	ND	53	1.065	
Bis(2-Chloroethyl) Ether	ND	27	1.065		Dibenzofuran	ND	11	1.065	
2-Chlorophenol	ND	11	1.065		2,4-Dinitrotoluene	ND	11	1.065	
1,3-Dichlorobenzene	ND	11	1.065		2,6-Dinitrotoluene	ND	11	1.065	
1,4-Dichlorobenzene	ND	11	1.065		Diethyl Phthalate	ND	11	1.065	
Benzyl Alcohol	ND	11	1.065		4-Chlorophenyl-Phenyl Ether	ND	11	1.065	
1,2-Dichlorobenzene	ND	11	1.065		Fluorene	ND	11	1.065	
2-Methylphenol	ND	11	1.065		4-Nitroaniline	ND	11	1.065	
Bis(2-Chloroisopropyl) Ether	ND	11	1.065		Azobenzene	ND	11	1.065	
3/4-Methylphenol	ND	11	1.065		4,6-Dinitro-2-Methylphenol	ND	53	1.065	
N-Nitroso-di-n-propylamine	ND	11	1.065		N-Nitrosodiphenylamine	ND	11	1.065	
Hexachloroethane	ND	11	1.065		4-Bromophenyl-Phenyl Ether	ND	11	1.065	
Nitrobenzene	ND	27	1.065		Hexachlorobenzene	ND	11	1.065	
Isophorone	ND	11	1.065		Pentachlorophenol	ND	21	1.065	
2-Nitrophenol	ND	11	1.065		Phenanthrene	ND	11	1.065	
2,4-Dimethylphenol	ND	11	1.065		Anthracene	ND	11	1.065	
Benzoic Acid	ND	53	1.065		Di-n-Butyl Phthalate	ND	11	1.065	
Bis(2-Chloroethoxy) Methane	ND	11	1.065		Fluoranthene	ND	11	1.065	
2,4-Dichlorophenol	ND	11	1.065		Benzidine	ND	53	1.065	
1,2,4-Trichlorobenzene	ND	11	1.065		Pyrene	ND	11	1.065	
Naphthalene	ND	11	1.065		Butyl Benzyl Phthalate	ND	11	1.065	
4-Chloroaniline	ND	21	1.065		3,3'-Dichlorobenzidine	ND	27	1.065	
Hexachloro-1,3-Butadiene	ND	11	1.065		Benzo (a) Anthracene	ND	11	1.065	
4-Chloro-3-Methylphenol	ND	11	1.065		Bis(2-Ethylhexyl) Phthalate	ND	11	1.065	
2-Methylnaphthalene	ND	11	1.065		Chrysene	ND	11	1.065	
Hexachlorocyclopentadiene	ND	27	1.065		Di-n-Octyl Phthalate	ND	11	1.065	
1-Methylnaphthalene	ND	11	1.065		Benzo (k) Fluoranthene	ND	11	1.065	
2,4,6-Trichlorophenol	ND	11	1.065		Benzo (b) Fluoranthene	ND	11	1.065	
2,4,5-Trichlorophenol	ND	11	1.065		Benzo (a) Pyrene	ND	11	1.065	
2-Chloronaphthalene	ND	11	1.065		Benzo (g,h,i) Perylene	ND	11	1.065	
2-Nitroaniline	ND	11	1.065		Indeno (1,2,3-c,d) Pyrene	ND	11	1.065	
Dimethyl Phthalate	ND	11	1.065		Dibenz (a,h) Anthracene	ND	11	1.065	
Acenaphthylene	ND	11	1.065		Creosote A	ND	11		
3-Nitroaniline	ND	11	1.065		Creosote B	ND	11		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	98	21-100		Phenol-d6	100	10-94	2
Nitrobenzene-d5	93	35-114		2-Fluorobiphenyl	90	43-116	
2,4,6-Tribromophenol	80	10-123		p-Terphenyl-d14	102	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	EPA 3520B
Method:	EPA 8270C
Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-3	04-07-0334-3	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	85	21-100		Phenol-d6	91	10-94	
Nitrobenzene-d5	87	35-114		2-Fluorobiphenyl	86	43-116	
2,4,6-Tribromophenol	80	10-123		p-Terphenyl-d14	102	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	EPA 3520B
Method:	EPA 8270C
Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW4	04-07-0334-4	07/07/04	Aqueous	07/13/04	07/17/04	0407131L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	95	21-100		Phenol-d6	94	10-94	
Nitrobenzene-d5	93	35-114		2-Fluorobiphenyl	89	43-116	
2,4,6-Tribromophenol	79	10-123		p-Terphenyl-d14	102	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 5 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-4I	04-07-0334-5	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	89	21-100		Phenol-d6	89	10-94	
Nitrobenzene-d5	86	35-114		2-Fluorobiphenyl	79	43-116	
2,4,6-Tribromophenol	70	10-123		p-Terphenyl-d14	93	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 6 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-7I	04-07-0334-6	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	77	21-100		Phenol-d6	80	10-94	
Nitrobenzene-d5	84	35-114		2-Fluorobiphenyl	79	43-116	
2,4,6-Tribromophenol	73	10-123		p-Terphenyl-d14	89	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 7 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	04-07-0334-7	07/07/04	Aqueous	07/13/04	07/17/04	0407131L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	90	21-100		Phenol-d6	91	10-94	
Nitrobenzene-d5	90	35-114		2-Fluorobiphenyl	87	43-116	
2,4,6-Tribromophenol	78	10-123		p-Terphenyl-d14	101	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 8 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-111	04-07-0334-8	07/07/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	88	21-100		Phenol-d6	78	10-94	
Nitrobenzene-d5	87	35-114		2-Fluorobiphenyl	83	43-116	
2,4,6-Tribromophenol	72	10-123		p-Terphenyl-d14	90	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 9 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	1096-01-007-799	N/A	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	82	21-100		Phenol-d6	83	10-94	
Nitrobenzene-d5	82	35-114		2-Fluorobiphenyl	69	43-116	
2,4,6-Tribromophenol	81	10-123		p-Terphenyl-d14	94	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method DHS LUFT / EPA 8015M - Diesel

Southern California Edison		Work Order No.:	04-07-0334
Page 1 of 1		Date Analyzed:	07/15/04

LCS/LCS Duplicate

Analyte	LCS%REC	LCSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	100	100	80 - 120	0	0 - 21

Surrogate Recoveries (in %)

Sample Number	S1
VDMW-1	97
VDMW-2	94
VDMW-3	97
VDMW-4	92
S-4I	99
S-7I	92
S-9D	103
S-11I	92
Method Blank	91

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	50 - 140

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received: 07/08/04
Work Order No: 04-07-0334
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
VDMW-1	Aqueous	ICP 3300	07/08/04	07/08/04	040708S05

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	101	102	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison		Date Received:	07/08/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0334
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	SM3500-FeD

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-111	Aqueous	UV-2	N/A	07/08/04	407/08FES1

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	108	101	70-130	7	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/08/04
Work Order No:	04-07-0334
Preparation:	N/A
Method:	EPA 300.0

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-07-0326-11	Aqueous	IC 7	N/A	07/08/04	040708S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	83	82	50-150	1	0-25	
Nitrate (as N)	112	112	50-150	0	0-25	
Sulfate	107	107	50-150	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received: 07/08/04
Work Order No: 04-07-0334
Preparation: N/A
Method: HACH Model HS-C

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
S-11I	Aqueous	N/A	N/A	07/08/04	40708HSD1

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hydrogen Sulfide	ND	ND	NA	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received: 07/08/04
Work Order No: 04-07-0334
Preparation: N/A
Method: EPA 376.2

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
04-07-0401-1	Aqueous	N/A	N/A	07/09/04	40709SD3

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Sulfide, Total	ND	ND	NA	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-3,982	Aqueous	ICP 3300	07/08/04	07/08/04	040708L05

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	101	102	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	N/A
Method:	RSK-175M

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-680	Aqueous	GC 33	N/A	07/12/04	040712L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	101	101	79-109	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	N/A
Method:	RSK-175M

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-681	Aqueous	GC 33	N/A	07/13/04	040713L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	103	103	79-109	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	N/A
Method:	SM3500-FeD

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-1,704	Aqueous	UV-2	07/08/04	NONE	40708FEL1

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	1.0	100	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	EPA 3520B
Method:	EPA 8270C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-007-799	Aqueous	GC/MS J	07/13/04	07/17/04	040713L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	88	87	20-120	1	0-42	
2-Chlorophenol	82	81	23-134	2	0-40	
1,4-Dichlorobenzene	78	77	20-124	1	0-28	
N-Nitroso-di-n-propylamine	92	90	0-230	2	0-38	
1,2,4-Trichlorobenzene	76	77	44-142	1	0-28	
Acenaphthene	81	81	47-145	0	0-31	
2,4-Dinitrotoluene	76	75	39-139	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0334
Preparation:	N/A
Method:	EPA 300.0

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-2,280	Aqueous	IC 7	N/A	07/08/04	040708L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	81	82	80-120	1	0-25	
Nitrate (as N)	111	111	80-120	0	0-25	
Sulfate	103	103	80-120	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 04-07-0334

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 0334

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: Krazan / SCE

DATE: 07/08/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.6 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace. (RSK Samples)	✓		
Tedlar bag(s) free of condensation			✓

Initial: ne

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 0334

Cooler 2 of 2

SAMPLE RECEIPT FORM

CLIENT: Krazan / SCE

DATE: 07/08/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.3 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace. (RSK Samples)	✓		
Tedlar bag(s) free of condensation			✓

Initial: ne

COMMENTS:

Krazan

Cal # 55

(0334) 1/2

CHAIN-OF-CUSTODY RECORD

DATE: 7-7-04 PAGE 1 OF 1

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 0140101

Project Name: (optional) VPY

Sampler Name (Printed): Michael L Mauzy

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: Calscience

Lab Quote No.:

Method of Shipment/Delivery: Fed EX

REQUESTED ANALYSES

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel 8015D	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Nitrate, Nitrite	Sulfate, Fe (II)	Hydrogen Sulfide	Sulfide, Fe (III)	Methane (RSK 175M)	SVOCs (EPA 8270C)	Temperature	Remarks
1	VDMW-1	7-7-04	1200	VDMW-1	W	G	Y/N	7		X				X	X	X	X	X	X		
2	VDMW-2	↓	1245	VDMW-2	↓	↓	↓	7		X				X	X	X	X	X	X		
3	VDMW-3	↓	1330	VDMW-3	↓	↓	↓	7		X				X	X	X	X	X	X		
4	VDMW-4	↓	1415	VDMW-4	↓	↓	↓	7		X				X	X	X	X	X	X		
	Temp blank	↓	—	Temp blank	↓	↓	N	1												X	

Signature	Printed Name	Date	Time	Company Name
Relinquished by: Michael L Mauzy	Michael L Mauzy	7-7-04	1600 am pm	Krazan
Received by:			am pm	
Relinquished by:			am pm	
Received by:			am pm	
Relinquished by:			am pm	
Received for Laboratory by:	NOEL CRUISE	7-8-04	1630 am pm	CALSCIENCE

Total Number of Containers Submitted to Laboratory: 24

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Krazan

Cal #102

0334 2/2

CHAIN-OF-CUSTODY RECORD

DATE: 7-7-04 PAGE 1 OF 1

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 01401011

Project Name: (optional) VPY

Sampler Name (Printed): Michael L Mauzy

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: Calscience STL

Lab Quote No.:

Method of Shipment/Delivery: FedEx

REQUESTED ANALYSES

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel 8015D	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Nitrate, Nitrite	Sulfate, Fe(II)	Hydrogen Sulfide Sulfide, Fe(III)	Methane (RSK 175M)	SVOC's (EPA 8270C)	Temperature	Remarks
5	S-4I	7-7-04		S-4I	W	G	Y/N	7		X				X	X	X	X	X	X	
6	S-7I	↓		S-7I	↓	↓	↓	7		X				X	X	X	X	X	X	
7	S-9D	↓		S-9D	↓	↓	↓	7		X				X	X	X	X	X	X	
8	S-11I	↓		S-11I	↓	↓	↓	7		X				X	X	X	X	X	X	
	Temp blank	↓		Temp blank	↓	↓	N	1											X	

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael L Mauzy	Michael L Mauzy	7-7-04	1600 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	[illegible]	NOEL CRUISE	7-8-04	1030 am pm	CALSCIENCE

29 Total Number of Containers Submitted to Laboratory

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COCS.VSD 02-01-01

Calscience
Environmental
Laboratories, Inc.

nelac

July 21, 2004

Craig Eaker
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Subject: **Calscience Work Order No.: 04-07-0430**
Client Reference: VPY / 01401011

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/9/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Mike Crisostomo
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Southern California Edison		Date Sampled:	07/08/04
2244 Walnut Grove Avenue		Date Received:	07/09/04
Rosemead, CA 91770-3714		Date Extracted:	07/13/04
		Date Analyzed:	07/15/04
		Work Order No.:	04-07-0430
Attn: Craig Eaker		Method:	DHS LUFT / EPA 8015M
RE: VPY / 01401011		Page 1 of 1	

All total petroleum hydrocarbon concentrations are reported in µg/L (ppb) using diesel fuel as a standard.

Sample Number	Concentration	Reporting Limit
S-15I	340	50
S-15D	180	50
MW-25	ND	50
MW-40	ND	50
MW-38	ND	50
MW-38D	ND	50
MW-37	ND	50
S-14I	1800	50
Method Blank	ND	50

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Southern California Edison	Date Sampled:	07/08/04
2244 Walnut Grove Avenue	Date Received:	07/09/04
Rosemead, CA 91770-3714	Date Digested:	07/09/04
	Date Analyzed:	07/12/04
	Work Order No.:	04-07-0430
Attn: Craig Eaker	Method:	EPA 6010B
RE: VPY / 01401011	Page 1 of 1	

All concentrations are reported in mg/L (ppm). Analyses for ferric iron were conducted on a total digestion.

Sample Number	Ferric Iron Concentration	Reporting Limit
S-15I	3.44	0.100
S-15D	0.582	0.100
MW-25	8.07	0.100
MW-40	0.225	0.100
MW-38	0.146	0.100
MW-38D	0.163	0.100
MW-37	0.247	0.100
S-14I	5.14	0.100
Method Blank	ND	0.100

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	RSK-175M

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15D	04-07-0430-2	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-25	04-07-0430-3	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	12.8	1.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-40	04-07-0430-4	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38	04-07-0430-5	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38D	04-07-0430-6	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	RSK-175M

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-14I	04-07-0430-8	07/08/04	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	4.18	1.00	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-010-681	N/A	Aqueous	N/A	07/13/04	040713L01

Parameter	Result	RL	DF	Qual	Units
Methane	ND	1.00	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	3.44	0.10	1		mg/L

S-15D	04-07-0430-2	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	0.582	0.100	1		mg/L

MW-25	04-07-0430-3	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	8.07	0.10	1		mg/L

MW-40	04-07-0430-4	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	0.225	0.100	1		mg/L

MW-38	04-07-0430-5	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	0.146	0.100	1		mg/L

MW-38D	04-07-0430-6	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	0.163	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/09/04
Work Order No:	04-07-0430
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	0.247	0.100	1		mg/L

S-14I	04-07-0430-8	07/08/04	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	5.14	0.10	1		mg/L

Method Blank	097-01-003-3,991	N/A	Aqueous	07/09/04	07/12/04	040709L03

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 300.0
		Units:	mg/L
Project: VPY / 01401011			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	1.7	0.1	1		Sulfate	50	10	10	D
Nitrate (as N)	6.9	1.0	10	D					

S-15D	04-07-0430-2	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	16	10	10	D
Nitrate (as N)	4.8	0.1	1						

MW-25	04-07-0430-3	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	1.5	0.1	1		Sulfate	33	10	10	D
Nitrate (as N)	5.2	1.0	10	D					

MW-40	04-07-0430-4	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	18	10	10	D
Nitrate (as N)	6.2	1.0	10	D					

MW-38	04-07-0430-5	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	11	2	2	D
Nitrate (as N)	2.1	0.1	1						

MW-38D	04-07-0430-6	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	13	10	10	D
Nitrate (as N)	2.1	0.1	1						

MW-37	04-07-0430-7	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	24	10	10	D
Nitrate (as N)	15	1	10	D					

S-14I	04-07-0430-8	07/08/04	Aqueous	N/A	07/09/04	040709L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	0.24	0.10	1		Sulfate	59	10	10	D
Nitrate (as N)	1.1	0.1	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 300.0
		Units:	mg/L
Project: VPY / 01401011			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-05-118-2,282	N/A	Aqueous	N/A	07/09/04	040709E01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Nitrite (as N)	ND	0.10	1		Sulfate	ND	1.0	1	
Nitrate (as N)	ND	0.10	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	HACH Model HS-C

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

S-15D	04-07-0430-2	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

MW-25	04-07-0430-3	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

MW-40	04-07-0430-4	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

MW-38	04-07-0430-5	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

MW-38D	04-07-0430-6	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	HACH Model HS-C

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
B1W	04-07-0430-8	07/08/04	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-03-001-109	N/A	Aqueous	N/A	07/09/04	40709HSB1

Parameter	Result	RL	DF	Qual	Units
Hydrogen Sulfide	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/09/04
Work Order No:	04-07-0430
Preparation:	N/A
Method:	SM3500-FeD

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15D	04-07-0430-2	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-25	04-07-0430-3	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-40	04-07-0430-4	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38	04-07-0430-5	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38D	04-07-0430-6	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	SM3500-FeD

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

S114I	04-07-0430-8	07/08/04	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

Method Blank	099-05-141-1,703	N/A	Aqueous	N/A	07/09/04	40709FEL1

Parameter	Result	RL	DF	Qual	Units
Iron (II)	ND	0.10	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 376.2

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

S-15D	04-07-0430-2	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

MW-25	04-07-0430-3	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

MW-40	04-07-0430-4	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

MW-38	04-07-0430-5	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

MW-38D	04-07-0430-6	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	N/A
		Method:	EPA 376.2

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-14I	04-07-0430-8	07/08/04	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-05-089-1,616	N/A	Aqueous	N/A	07/12/04	40712SB1

Parameter	Result	RL	DF	Qual	Units
Sulfide, Total	ND	0.050	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	04-07-0430-1	07/08/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	19	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	16	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	19	10		
3-Nitroaniline	ND	10	1		Creosote B	35	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	82	21-100		Phenol-d6	82	10-94	
Nitrobenzene-d5	81	35-114		2-Fluorobiphenyl	69	43-116	
2,4,6-Tribromophenol	68	10-123		p-Terphenyl-d14	83	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15D	04-07-0430-2	07/08/04	Aqueous	07/13/04	07/17/04	0407131L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.04		Acenaphthene	ND	10	1.04	
Aniline	ND	10	1.04		2,4-Dinitrophenol	ND	21	1.04	
Phenol	ND	10	1.04		4-Nitrophenol	ND	52	1.04	
Bis(2-Chloroethyl) Ether	ND	26	1.04		Dibenzofuran	ND	10	1.04	
2-Chlorophenol	ND	10	1.04		2,4-Dinitrotoluene	ND	10	1.04	
1,3-Dichlorobenzene	ND	10	1.04		2,6-Dinitrotoluene	ND	10	1.04	
1,4-Dichlorobenzene	ND	10	1.04		Diethyl Phthalate	ND	10	1.04	
Benzyl Alcohol	ND	10	1.04		4-Chlorophenyl-Phenyl Ether	ND	10	1.04	
1,2-Dichlorobenzene	ND	10	1.04		Fluorene	ND	10	1.04	
2-Methylphenol	ND	10	1.04		4-Nitroaniline	ND	10	1.04	
Bis(2-Chloroisopropyl) Ether	ND	10	1.04		Azobenzene	ND	10	1.04	
3/4-Methylphenol	ND	10	1.04		4,6-Dinitro-2-Methylphenol	ND	52	1.04	
N-Nitroso-di-n-propylamine	ND	10	1.04		N-Nitrosodiphenylamine	ND	10	1.04	
Hexachloroethane	ND	10	1.04		4-Bromophenyl-Phenyl Ether	ND	10	1.04	
Nitrobenzene	ND	26	1.04		Hexachlorobenzene	ND	10	1.04	
Isophorone	ND	10	1.04		Pentachlorophenol	ND	21	1.04	
2-Nitrophenol	ND	10	1.04		Phenanthrene	ND	10	1.04	
2,4-Dimethylphenol	ND	10	1.04		Anthracene	ND	10	1.04	
Benzoic Acid	ND	52	1.04		Di-n-Butyl Phthalate	ND	10	1.04	
Bis(2-Chloroethoxy) Methane	ND	10	1.04		Fluoranthene	ND	10	1.04	
2,4-Dichlorophenol	ND	10	1.04		Benzidine	ND	52	1.04	
1,2,4-Trichlorobenzene	ND	10	1.04		Pyrene	ND	10	1.04	
Naphthalene	ND	10	1.04		Butyl Benzyl Phthalate	ND	10	1.04	
4-Chloroaniline	ND	21	1.04		3,3'-Dichlorobenzidine	ND	26	1.04	
Hexachloro-1,3-Butadiene	ND	10	1.04		Benzo (a) Anthracene	ND	10	1.04	
4-Chloro-3-Methylphenol	ND	10	1.04		Bis(2-Ethylhexyl) Phthalate	ND	10	1.04	
2-Methylnaphthalene	ND	10	1.04		Chrysene	ND	10	1.04	
Hexachlorocyclopentadiene	ND	26	1.04		Di-n-Octyl Phthalate	ND	10	1.04	
1-Methylnaphthalene	ND	10	1.04		Benzo (k) Fluoranthene	ND	10	1.04	
2,4,6-Trichlorophenol	ND	10	1.04		Benzo (b) Fluoranthene	ND	10	1.04	
2,4,5-Trichlorophenol	ND	10	1.04		Benzo (a) Pyrene	ND	10	1.04	
2-Chloronaphthalene	ND	10	1.04		Benzo (g,h,i) Perylene	ND	10	1.04	
2-Nitroaniline	ND	10	1.04		Indeno (1,2,3-c,d) Pyrene	ND	10	1.04	
Dimethyl Phthalate	ND	10	1.04		Dibenz (a,h) Anthracene	ND	10	1.04	
Acenaphthylene	ND	10	1.04		Creosote A	ND	10		
3-Nitroaniline	ND	10	1.04		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	87	21-100		Phenol-d6	86	10-94	
Nitrobenzene-d5	86	35-114		2-Fluorobiphenyl	69	43-116	
2,4,6-Tribromophenol	70	10-123		p-Terphenyl-d14	85	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 3 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-25	04-07-0430-3	07/08/04	Aqueous	07/13/04	07/17/04	0040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	84	21-100		Phenol-d6	85	10-94	
Nitrobenzene-d5	82	35-114		2-Fluorobiphenyl	76	43-116	
2,4,6-Tribromophenol	66	10-123		p-Terphenyl-d14	85	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 4 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-40	04-07-0430-4	07/08/04	Aqueous	07/13/04	07/19/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	94	21-100		Phenol-d6	92	10-94	
Nitrobenzene-d5	87	35-114		2-Fluorobiphenyl	85	43-116	
2,4,6-Tribromophenol	77	10-123		p-Terphenyl-d14	102	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 5 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38	04-07-0430-5	07/08/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	87	21-100		Phenol-d6	89	10-94	
Nitrobenzene-d5	89	35-114		2-Fluorobiphenyl	85	43-116	
2,4,6-Tribromophenol	70	10-123		p-Terphenyl-d14	91	33-141	

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 6 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-38D	04-07-0430-6	07/08/04	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.04		Acenaphthene	ND	10	1.04	
Aniline	ND	10	1.04		2,4-Dinitrophenol	ND	21	1.04	
Phenol	ND	10	1.04		4-Nitrophenol	ND	52	1.04	
Bis(2-Chloroethyl) Ether	ND	26	1.04		Dibenzofuran	ND	10	1.04	
2-Chlorophenol	ND	10	1.04		2,4-Dinitrotoluene	ND	10	1.04	
1,3-Dichlorobenzene	ND	10	1.04		2,6-Dinitrotoluene	ND	10	1.04	
1,4-Dichlorobenzene	ND	10	1.04		Diethyl Phthalate	ND	10	1.04	
Benzyl Alcohol	ND	10	1.04		4-Chlorophenyl-Phenyl Ether	ND	10	1.04	
1,2-Dichlorobenzene	ND	10	1.04		Fluorene	ND	10	1.04	
2-Methylphenol	ND	10	1.04		4-Nitroaniline	ND	10	1.04	
Bis(2-Chloroisopropyl) Ether	ND	10	1.04		Azobenzene	ND	10	1.04	
3/4-Methylphenol	ND	10	1.04		4,6-Dinitro-2-Methylphenol	ND	52	1.04	
N-Nitroso-di-n-propylamine	ND	10	1.04		N-Nitrosodiphenylamine	ND	10	1.04	
Hexachloroethane	ND	10	1.04		4-Bromophenyl-Phenyl Ether	ND	10	1.04	
Nitrobenzene	ND	26	1.04		Hexachlorobenzene	ND	10	1.04	
Isophorone	ND	10	1.04		Pentachlorophenol	ND	21	1.04	
2-Nitrophenol	ND	10	1.04		Phenanthrene	ND	10	1.04	
2,4-Dimethylphenol	ND	10	1.04		Anthracene	ND	10	1.04	
Benzoic Acid	ND	52	1.04		Di-n-Butyl Phthalate	ND	10	1.04	
Bis(2-Chloroethoxy) Methane	ND	10	1.04		Fluoranthene	ND	10	1.04	
2,4-Dichlorophenol	ND	10	1.04		Benzidine	ND	52	1.04	
1,2,4-Trichlorobenzene	ND	10	1.04		Pyrene	ND	10	1.04	
Naphthalene	ND	10	1.04		Butyl Benzyl Phthalate	ND	10	1.04	
4-Chloroaniline	ND	21	1.04		3,3'-Dichlorobenzidine	ND	26	1.04	
Hexachloro-1,3-Butadiene	ND	10	1.04		Benzo (a) Anthracene	ND	10	1.04	
4-Chloro-3-Methylphenol	ND	10	1.04		Bis(2-Ethylhexyl) Phthalate	ND	10	1.04	
2-Methylnaphthalene	ND	10	1.04		Chrysene	ND	10	1.04	
Hexachlorocyclopentadiene	ND	26	1.04		Di-n-Octyl Phthalate	ND	10	1.04	
1-Methylnaphthalene	ND	10	1.04		Benzo (k) Fluoranthene	ND	10	1.04	
2,4,6-Trichlorophenol	ND	10	1.04		Benzo (b) Fluoranthene	ND	10	1.04	
2,4,5-Trichlorophenol	ND	10	1.04		Benzo (a) Pyrene	ND	10	1.04	
2-Chloronaphthalene	ND	10	1.04		Benzo (g,h,i) Perylene	ND	10	1.04	
2-Nitroaniline	ND	10	1.04		Indeno (1,2,3-c,d) Pyrene	ND	10	1.04	
Dimethyl Phthalate	ND	10	1.04		Dibenz (a,h) Anthracene	ND	10	1.04	
Acenaphthylene	ND	10	1.04		Creosote A	ND	10		
3-Nitroaniline	ND	10	1.04		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	69	21-100		Phenol-d6	72	10-94	
Nitrobenzene-d5	71	35-114		2-Fluorobiphenyl	68	43-116	
2,4,6-Tribromophenol	62	10-123		p-Terphenyl-d14	81	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 7 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	04-07-0430-7	07/08/04	Aqueous	07/13/04	07/17/04	0407131L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	85	21-100		Phenol-d6	87	10-94	
Nitrobenzene-d5	85	35-114		2-Fluorobiphenyl	80	43-116	
2,4,6-Tribromophenol	69	10-123		p-Terphenyl-d14	91	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

nelac

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/09/04
Work Order No:	04-07-0430
Preparation:	EPA 3520B
Method:	EPA 8270C
Units:	ug/L

Project: VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-14I	04-07-0430-8	07/08/04	Aqueous	07/13/04	07/18/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.04		Acenaphthene	92	10	1.04	
Aniline	ND	10	1.04		2,4-Dinitrophenol	ND	21	1.04	
Phenol	ND	10	1.04		4-Nitrophenol	ND	52	1.04	
Bis(2-Chloroethyl) Ether	ND	26	1.04		Dibenzofuran	72	10	1.04	
2-Chlorophenol	ND	10	1.04		2,4-Dinitrotoluene	ND	10	1.04	
1,3-Dichlorobenzene	ND	10	1.04		2,6-Dinitrotoluene	ND	10	1.04	
1,4-Dichlorobenzene	ND	10	1.04		Diethyl Phthalate	ND	10	1.04	
Benzyl Alcohol	ND	10	1.04		4-Chlorophenyl-Phenyl Ether	ND	10	1.04	
1,2-Dichlorobenzene	ND	10	1.04		Fluorene	ND	10	1.04	
2-Methylphenol	ND	10	1.04		4-Nitroaniline	ND	10	1.04	
Bis(2-Chloroisopropyl) Ether	ND	10	1.04		Azobenzene	ND	10	1.04	
3/4-Methylphenol	ND	10	1.04		4,6-Dinitro-2-Methylphenol	ND	52	1.04	
N-Nitroso-di-n-propylamine	ND	10	1.04		N-Nitrosodiphenylamine	ND	10	1.04	
Hexachloroethane	ND	10	1.04		4-Bromophenyl-Phenyl Ether	ND	10	1.04	
Nitrobenzene	ND	26	1.04		Hexachlorobenzene	ND	10	1.04	
Isophorone	ND	10	1.04		Pentachlorophenol	ND	21	1.04	
2-Nitrophenol	ND	10	1.04		Phenanthrene	78	10	1.04	
2,4-Dimethylphenol	ND	10	1.04		Anthracene	ND	10	1.04	
Benzoic Acid	ND	52	1.04		Di-n-Butyl Phthalate	ND	10	1.04	
Bis(2-Chloroethoxy) Methane	ND	10	1.04		Fluoranthene	ND	10	1.04	
2,4-Dichlorophenol	ND	10	1.04		Benzidine	ND	52	1.04	
1,2,4-Trichlorobenzene	ND	10	1.04		Pyrene	ND	10	1.04	
Naphthalene	290	10	1.04		Butyl Benzyl Phthalate	ND	10	1.04	
4-Chloroaniline	ND	21	1.04		3,3'-Dichlorobenzidine	ND	26	1.04	
Hexachloro-1,3-Butadiene	ND	10	1.04		Benzo (a) Anthracene	ND	10	1.04	
4-Chloro-3-Methylphenol	ND	10	1.04		Bis(2-Ethylhexyl) Phthalate	ND	10	1.04	
2-Methylnaphthalene	140	10	1.04		Chrysene	ND	10	1.04	
Hexachlorocyclopentadiene	ND	26	1.04		Di-n-Octyl Phthalate	ND	10	1.04	
1-Methylnaphthalene	130	10	1.04		Benzo (k) Fluoranthene	ND	10	1.04	
2,4,6-Trichlorophenol	ND	10	1.04		Benzo (b) Fluoranthene	ND	10	1.04	
2,4,5-Trichlorophenol	ND	10	1.04		Benzo (a) Pyrene	ND	10	1.04	
2-Chloronaphthalene	ND	10	1.04		Benzo (g,h,i) Perylene	ND	10	1.04	
2-Nitroaniline	ND	10	1.04		Indeno (1,2,3-c,d) Pyrene	ND	10	1.04	
Dimethyl Phthalate	ND	10	1.04		Dibenz (a,h) Anthracene	ND	10	1.04	
Acenaphthylene	ND	10	1.04		Creosote A	730	10		
3-Nitroaniline	ND	10	1.04		Creosote B	802	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	77	21-100		Phenol-d6	81	10-94	
Nitrobenzene-d5	77	35-114		2-Fluorobiphenyl	77	43-116	
2,4,6-Tribromophenol	69	10-123		p-Terphenyl-d14	88	33-141	

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: VPY / 01401011			Page 9 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	096-01-007-799	N/A	Aqueous	07/13/04	07/17/04	040713L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	20	1	
Phenol	ND	10	1		4-Nitrophenol	ND	50	1	
Bis(2-Chloroethyl) Ether	ND	25	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	10	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
N-Nitroso-di-n-propylamine	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
Hexachloroethane	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Nitrobenzene	ND	25	1		Hexachlorobenzene	ND	10	1	
Isophorone	ND	10	1		Pentachlorophenol	ND	20	1	
2-Nitrophenol	ND	10	1		Phenanthrene	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Anthracene	ND	10	1	
Benzoic Acid	ND	50	1		Di-n-Butyl Phthalate	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Fluoranthene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Benzidine	ND	50	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	20	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
1-Methylnaphthalene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
2-Nitroaniline	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Acenaphthylene	ND	10	1		Creosote A	ND	10		
3-Nitroaniline	ND	10	1		Creosote B	ND	10		

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	82	21-100		Phenol-d6	83	10-94	
Nitrobenzene-d5	82	35-114		2-Fluorobiphenyl	69	43-116	
2,4,6-Tribromophenol	81	10-123		p-Terphenyl-d14	94	33-141	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method DHS LUFT / EPA 8015M - Diesel

Southern California Edison — Work Order No.: 04-07-0430

Page 1 of 1 — Date Analyzed: 07/15/04

LCS/LCS Duplicate

Analyte	LCS%REC	LCSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	100	100	80 - 120	0	0 - 21

Surrogate Recoveries (in %)

Sample Number	S1
S-15I	90
S-15D	104
MW-25	90
MW-40	101
MW-38	91
MW-38D	100
MW-37	101
S-14I	89
Method Blank	91

Surrogate Compound	%REC Acceptable Limits
S1 > Decachlorobiphenyl	50 - 140

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison		Date Received:	07/09/04
2244 Walnut Grove Avenue		Work Order No:	04-07-0430
Rosemead, CA 91770-3714		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-07-0421-4	Aqueous	ICP 3300	07/09/04	07/12/04	040709S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	99	99	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received: 07/09/04
Work Order No: 04-07-0430
Preparation: N/A
Method: SM3500-FeD

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-14I	Aqueous	UV 2	N/A	07/09/04	40709FES1

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron (II)	100	100	70-130	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received: 07/09/04
Work Order No: 04-07-0430
Preparation: N/A
Method: EPA 300.0

Project: VPY / 01401011

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-07-0417-8	Aqueous	IC-7	N/A	07/10/04	040709S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	83	84	50-150	0	0-25	
Nitrate (as N)	114	114	50-150	1	0-25	
Sulfate	108	106	50-150	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received: 07/09/04
Work Order No: 04-07-0430
Preparation: N/A
Method: HACH Model HS-C

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
S-14I	Aqueous	N/A	N/A	07/09/04	>40709HSD1

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hydrogen Sulfide	ND	ND	NA	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

nelac

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received: 07/09/04
Work Order No: 04-07-0430
Preparation: N/A
Method: EPA 376.2

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
04-07-0516-6	Aqueous	N/A	N/A	07/12/04	407125D1

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Sulfide, Total	0.30	0.30	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0430
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-3,991	Aqueous	ICP 3300	07/09/04	07/13/04	040709L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	103	103	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0430
Preparation:	N/A
Method:	RSK-175M

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-010-881	Aqueous	GC 33	N/A	07/13/04	040713L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Methane	103	103	79-109	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0430
Preparation:	N/A
Method:	SM3500-FeD

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-111-1,703	Aqueous	UV2	07/09/04	NONE	40709FEL1

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Iron (II)	1.0	1.0	104	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0430
Preparation:	EPA 3520B
Method:	EPA 8270C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-007-799	Aqueous	GC/MS J	07/13/04	07/17/04	040713L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	88	87	20-120	1	0-42	
2-Chlorophenol	82	81	23-134	2	0-40	
1,4-Dichlorobenzene	78	77	20-124	1	0-28	
N-Nitroso-di-n-propylamine	92	90	0-230	2	0-38	
1,2,4-Trichlorobenzene	76	77	44-142	1	0-28	
Acenaphthene	81	81	47-145	0	0-31	
2,4-Dinitrotoluene	76	75	39-139	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-0430
Preparation:	N/A
Method:	EPA 300.0

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-118-2,282	Aqueous	IC7	N/A	07/09/04	040709L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Nitrite (as N)	80	80	80-120	1	0-25	
Nitrate (as N)	113	112	80-120	0	0-25	
Sulfate	103	104	80-120	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 04-07-0430

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 0430

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: SCE/Krazan

DATE: 07/09/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.6 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: NC

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 0430

Cooler 2 of 2

SAMPLE RECEIPT FORM

CLIENT: SCE/Kazan DATE: 07/09/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ____ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.
- ____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 2.1 °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: NC

COMMENTS:

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: 04-07-0430 QAPP: 0000

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	S-15I	W	07/08/2004	7	
2	S-15D	W	07/08/2004	7	
3	MW-25	W	07/08/2004	7	
4	MW-40	W	07/08/2004	7	
5	MW-38	W	07/08/2004	7	
6	MW-38D	W	07/08/2004	7	
7	MW-37	W	07/08/2004	7	
8	S-14I	W	07/08/2004	7	

Krazan

CAL #12

(0430) -1/2

CHAIN-OF-CUSTODY RECORD

DATE: 7-8-04 PAGE 1 OF 1

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 01401011

Project Name: (optional) VPY

Sampler Name (Printed): Michael Mauzy

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: Calscience

Lab Quote No.:

Method of Shipment/Delivery: Cal overnight

REQUESTED ANALYSES

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel 8015D	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Nitrate, Nitrite	Sulfate, Fe (II)	Hydrogen Sulfide	Sulfide, Fe (III)	Methane (RSK 175m)	SVOCs (EPA 8270C)	Temperature	Remarks
1	S-15I	7-8-04	0900	S-15I	W	G	Y/N	7		X				X	X	X	X	X	X		
2	S-15D	↓	0945	S-15D	↓	↓	↓	7		X				X	X	X	X	X	X		
3	MW-25	↓	1030	MW-25	↓	↓	↓	7		X				X	X	X	X	X	X		
4	MW-40	↓	1115	MW-40	↓	↓	↓	7		X				X	X	X	X	X	X		
	Temp blank	↓	—	Temperature blanks	↓	↓	N	1												X	

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael Mauzy	Michael Mauzy	7-8-04	1600 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	J. Patel	J. PATEL	7/9/04	0800 am pm	CALSCIENCE

Total Number of Containers Submitted to Laboratory: 29

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Krazan

CAL #56

(0430) -7/2

CHAIN-OF-CUSTODY RECORD

DATE: 7-8-04 PAGE 1 OF 1

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

P.O. Number:

Ice Chest No.:

Laboratory: Calscience

Lab Quote No.:

Method of Shipment/Delivery: Cal overnight

Project No.: 01401011

Project Name: (optional) VPF

Sampler Name (Printed): Michael Mauzy

Report Attention: J. Noel

REQUESTED ANALYSES

Lab Sample ID #	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel 8015 D	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Nitrate, Nitrite	Sulfate, Fe (II)	Hydrogen Sulfide	Sulfide, Fe (III)	Methane (RSK175m)	SVOCs (EPA 8270c)	Temperature	Remarks
5	MW-38	7-8-04	1200	MW-38	W	G	Y/N	7		X				X	X	X	X	X	X		
6	MW 38D	↓	1200	MW-38D	↓	↓	↓	7		X				X	X	X	X	X	X		
7	MW-37	↓	1245	MW-37	↓	↓	↓	7		X				X	X	X	X	X	X		
8	S-14I	↓	1400	S-14I	↓	↓	↓	7		X				X	X	X	X	X	X		
	Temp blank	↓	-	Temp blank	↓	↓	N	1												X	

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael Mauzy	Michael Mauzy	7-8-04	1600 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	[illegible]	S. PATEL	7/9/04	0800 am pm	CALSCIENCE

Total Number of Containers Submitted to Laboratory: 29

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Calscience Environmental Laboratories, Inc.

August 13, 2004

Craig Eaker
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Subject: **Calscience Work Order No.: 04-07-1593**
Client Reference: SCE VPY / 01401011

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/30/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

S. Lane

Calscience Environmental
Laboratories, Inc.
Steven L. Lane
Laboratory Director

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L
Project: SCE VPY / 01401011			Page 1 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-1	**04-07-1593-1**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	104	70-130		Triphenyl Phosphate	118	70-130	
Perylene-d12	97	70-130					

VDMW-2	04-07-1593-2	07/29/04	Aqueous	08/05/04	08/09/04	040805L10

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	102	70-130		Triphenyl Phosphate	120	70-130	
Perylene-d12	94	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L
Project: SCE VPY / 01401011			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
VDMW-3	**04-07-1593-3**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	0.33	1.0	1	J
2-Methylnaphthalene	ND	1.0	1		Chrysene	1.3	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	0.31	1.0		J
Fluoranthene	0.20	1.0	1	J	Creosote B	1.94	0.20		J
Pyrene	0.11	1.0	1	J					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	108	70-130		Triphenyl Phosphate	117	70-130	
Perylene-d12	86	70-130					

VDMW-4	**04-07-1593-4**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	109	70-130		Triphenyl Phosphate	115	70-130	
Perylene-d12	82	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: SCE VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-9D	**04-07-1593-5**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	0.80	1.0	1	J	Benzo (a) Anthracene	0.23	1.0	1	J
2-Methylnaphthalene	0.93	1.0	1	J	Chrysene	0.18	1.0	1	J
1-Methylnaphthalene	0.44	1.0	1	J	Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	0.39	1.0	1	J	Benzo (a) Pyrene	ND	0.20	1	
Fluorene	0.20	1.0	1	J	Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	2.2	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	0.61	1.0	1	J	Creosote A	12.57	1.0		J
Fluoranthene	4.1	1.0	1		Creosote B	12.98	0.20		J
Pyrene	2.9	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	106	70-130		Triphenyl Phosphate	104	70-130	
Perylene-d12	92	70-130					

S-4I	**04-07-1593-6**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	105	70-130		Triphenyl Phosphate	121	70-130	
Perylene-d12	89	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: SCE VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-7I	**04-07-1593-7**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	107	70-130		Triphenyl Phosphate	122	70-130	
Perylene-d12	76	70-130					

MW-38	**04-07-1593-8**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	103	70-130		Triphenyl Phosphate	107	70-130	
Perylene-d12	84	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: SCE VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-11I	**04-07-1593-9**	**07/29/04**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	0.49	1.0	1	J	Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	0.20	1.0	1	J	Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	0.12	1.0	1	J	Creosote A	0.81	1.0		J
Fluoranthene	ND	1.0	1		Creosote B	0.81	0.20		J
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	112	70-130		Triphenyl Phosphate	114	70-130	
Perylene-d12	82	70-130					

S-14I	**04-07-1593-10**	**07/29/04**	**Aqueous**	**08/10/04**	**08/10/04**	**040810L05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	240	20	20		Benzo (a) Anthracene	ND	20	20	
2-Methylnaphthalene	140	20	20		Chrysene	ND	20	20	
1-Methylnaphthalene	130	20	20		Benzo (b) Fluoranthene	ND	20	20	
Acenaphthylene	2.0	20.0	20	J	Benzo (k) Fluoranthene	ND	20	20	
Acenaphthene	96	20	20		Benzo (a) Pyrene	ND	4.0	20	
Fluorene	11	20	20	J	Indeno (1,2,3-c,d) Pyrene	ND	20	20	
Pentachlorophenol	ND	20	20		Dibenz (a,h) Anthracene	ND	20	20	
Phenanthrene	90	20	20		Benzo (g,h,i) Perylene	ND	20	20	
Anthracene	5.0	20.0	20	J	Creosote A	736.6	20.0		J
Fluoranthene	15	20	20	J	Creosote B	738.6	4.0		J
Pyrene	9.6	20.0	20	J					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	103	70-130		Triphenyl Phosphate	121	70-130	
Perylene-d12	86	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Date Received:	07/30/04
Work Order No:	04-07-1593
Preparation:	Disk
Method:	EPA 525.2
Units:	ug/L

Project: SCE VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
S-15I	**04-07-1593-11**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	25	1	1		Benzo (a) Anthracene	0.14	1.0	1	J
2-Methylnaphthalene	12	1	1		Chrysene	0.13	1.0	1	J
1-Methylnaphthalene	21	1	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	0.24	1.0	1	J	Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	25	1	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	0.89	1.0	1	J	Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	8.0	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	0.69	1.0	1	J	Creosote A	95.98	1.0		J
Fluoranthene	2.1	1.0	1		Creosote B	96.49	0.20		J
Pyrene	1.3	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	98	70-130		Triphenyl Phosphate	112	70-130	
Perylene-d12	84	70-130					

S-15D	**04-07-1593-12**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	110	70-130		Triphenyl Phosphate	119	70-130	
Perylene-d12	87	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L
Project: SCE VPY / 01401011			Page 7 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-40	**04-07-1593-13**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	107	70-130		Triphenyl Phosphate	120	70-130	
Perylene-d12	88	70-130					

MW-25	**04-07-1593-14**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	111	70-130		Triphenyl Phosphate	114	70-130	
Perylene-d12	85	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L
Project: SCE VPY / 01401011			Page 8 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-37	**04-07-1593-15**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	109	70-130		Triphenyl Phosphate	112	70-130	
Perylene-d12	77	70-130					

MW-38D	**04-07-1593-16**	**07/29/04**	**Aqueous**	**08/05/04**	**08/10/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	108	70-130		Triphenyl Phosphate	118	70-130	
Perylene-d12	88	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Southern California Edison		Date Received:	07/30/04
2244 Walnut Grove Avenue		Work Order No:	04-07-1593
Rosemead, CA 91770-3714		Preparation:	Disk
		Method:	EPA 525.2
		Units:	ug/L

Project: SCE VPY / 01401011

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**096-01-007-800**	**N/A**	**Aqueous**	**08/05/04**	**08/09/04**	**040805L10**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	107	70-130		Triphenyl Phosphate	118	70-130	
Perylene-d12	90	70-130					

Method Blank	**096-01-007-801**	**N/A**	**Aqueous**	**08/10/04**	**08/10/04**	**040810L05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	1.0	1		Benzo (a) Anthracene	ND	1.0	1	
2-Methylnaphthalene	ND	1.0	1		Chrysene	ND	1.0	1	
1-Methylnaphthalene	ND	1.0	1		Benzo (b) Fluoranthene	ND	1.0	1	
Acenaphthylene	ND	1.0	1		Benzo (k) Fluoranthene	ND	1.0	1	
Acenaphthene	ND	1.0	1		Benzo (a) Pyrene	ND	0.20	1	
Fluorene	ND	1.0	1		Indeno (1,2,3-c,d) Pyrene	ND	1.0	1	
Pentachlorophenol	ND	1.0	1		Dibenz (a,h) Anthracene	ND	1.0	1	
Phenanthrene	ND	1.0	1		Benzo (g,h,i) Perylene	ND	1.0	1	
Anthracene	ND	1.0	1		Creosote A	ND	1.0		
Fluoranthene	ND	1.0	1		Creosote B	ND	0.20		
Pyrene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,3-Dimethyl-2-Nitrobenzene	110	70-130		Triphenyl Phosphate	117	70-130	
Perylene-d12	88	70-130					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: SCE VPY / 01401011

Date Received: N/A
Work Order No: 04-07-1593
Preparation: Disk
Method: EPA 525.2

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-007-800	Aqueous	GC/MS H	08/05/04	08/09/04	040805L10

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Naphthalene	77	78	70-130	1	0-30	
2-Methylnaphthalene	78	77	70-130	1	0-30	
1-Methylnaphthalene	75	76	70-130	0	0-30	
Acenaphthylene	80	79	70-130	1	0-30	
Acenaphthene	75	74	70-130	2	0-30	
Fluorene	79	77	70-130	2	0-30	
Pentachlorophenol	99	84	70-130	16	0-30	
Phenanthrene	79	77	70-130	2	0-30	
Anthracene	79	77	70-130	2	0-30	
Fluoranthene	99	94	70-130	5	0-30	
Pyrene	85	82	70-130	4	0-30	
Benzo (a) Anthracene	105	101	70-130	4	0-30	
Chrysene	93	92	70-130	1	0-30	
Benzo (b) Fluoranthene	107	98	70-130	9	0-30	
Benzo (k) Fluoranthene	100	95	70-130	5	0-30	
Benzo (a) Pyrene	103	96	70-130	7	0-30	
Indeno (1,2,3-c,d) Pyrene	96	91	70-130	5	0-30	
Dibenz (a,h) Anthracene	98	92	70-130	6	0-30	
Benzo (g,h,i) Perylene	93	90	70-130	4	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770-3714

Project: SCE VPY / 01401011

Date Received:	N/A
Work Order No:	04-07-1593
Preparation:	Disk
Method:	EPA 525.2

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-007-801	**Aqueous**	**GC/MS H**	**08/10/04**	**08/10/04**	**040810L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Naphthalene	76	78	70-130	3	0-30	
2-Methylnaphthalene	76	77	70-130	1	0-30	
1-Methylnaphthalene	74	76	70-130	3	0-30	
Acenaphthylene	80	80	70-130	0	0-30	
Acenaphthene	73	74	70-130	1	0-30	
Fluorene	78	78	70-130	0	0-30	
Pentachlorophenol	82	73	70-130	12	0-30	
Phenanthrene	78	77	70-130	1	0-30	
Anthracene	80	78	70-130	2	0-30	
Fluoranthene	99	94	70-130	5	0-30	
Pyrene	77	73	70-130	6	0-30	
Benzo (a) Anthracene	106	104	70-130	3	0-30	
Chrysene	93	89	70-130	4	0-30	
Benzo (b) Fluoranthene	103	102	70-130	1	0-30	
Benzo (k) Fluoranthene	98	97	70-130	2	0-30	
Benzo (a) Pyrene	101	99	70-130	2	0-30	
Indeno (1,2,3-c,d) Pyrene	90	89	70-130	1	0-30	
Dibenz (a,h) Anthracene	91	90	70-130	1	0-30	
Benzo (g,h,i) Perylene	89	88	70-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 04-07-1593

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

07-1593

12

Krazan

CHAIN-OF-CUSTODY RECORD

DATE: 7-29-04 PAGE 1 OF 2

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 01401011

Project Name (optional): VDW

Sampler Name (Printed): Michael L MAUZY

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: Cal Science

Lab Quote No.:

Method of Shipment/Delivery: Fed EX

REQUESTED ANALYSES

Lab Sample ID#	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Temperature							Remarks
	VDMW-1	7-29-04	0500	VDMW-1	W	G	Y	2				X									
	VDMW-2		0530	VDMW-2				2				X									
	VDMW-3		0600	VDMW-3				2				X									
	VDMW-4		0630	VDMW-4				2				X									
	S-9D		0700	S-9D				2				X									
	S-4I		0730	S-4I				2				X									
	S-7I		0800	S-7I				2				X									
	Temp blank		–	Temp blank			N	1						X							
	MW-38		1220	MW-38			Y	2				X									

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael L Mauzy	Michael L Mauzy	7-29-04	1500 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	[illegible]	[illegible]	7/30/04	1100 am pm	[illegible]

Total Number of Containers Submitted to Laboratory: 17

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Krazan 56 07-1593

CHAIN-OF-CUSTODY RECORD

DATE: 7-29-04 PAGE 2 OF 2

KRAZAN & ASSOCIATES, INC.
215 WEST DAKOTA AVENUE
CLOVIS, CA 93612
(559) 348-2200 VOICE
(559) 348-2201 FAX

Comments:

Project No.: 01401001

Sampler Name (Printed): Michael L Mauzy

Printed Name (optional): Type

Report Attention: J. Noel

P.O. Number:

Ice Chest No.:

Laboratory: CalScience

Lab Quote No.:

Method of Shipment/Delivery: Fed EX

REQUESTED ANALYSES

Lab Sample ID	Krazan Sample No.	Date Sampled	Time Sampled	Sample Description	Sample Matrix W=Water S=Soil A=Air O=Other	Sample Type G=Grab C=Composite D=Discrete	Sample Preserved? (Yes/No)	Number of Containers	BTEX/TPH-Gasoline/MTBE	TPH-Diesel	TRPH by EPA 418.1	EPA 525.2 (Pentachlorophenol/Creosote)	EPA 8280 (Dioxins/Furans)	Temperature							Remarks
	S-11I	7-29-04	0830	S-11I	W	G	Y	2				X									
	S-14I	↓	0900	S-14I	↓	↓	↓	2				X									
	S-15I		0930	S-15I				2				X									
	S-15D		1010	S-15D				2				X									
	MW-40		1050	MW-40				2				X									
	MW-25		1110	MW-25				2				X									
	MW-37		1150	MW-37				2				X									
	MW-38D		1220	MW-38D				2				X									
	Temp blank	↓	—	Temp blank	↓	↓	N	1						X							

	Signature	Printed Name	Date	Time	Company Name
Relinquished by:	Michael L Mauzy	Michael L Mauzy	7-29-04	1500 am pm	Krazan
Received by:				am pm	
Relinquished by:				am pm	
Received by:				am pm	
Relinquished by:				am pm	
Received for Laboratory by:	[illegible]	[illegible]	7/30/04	1000 am pm	[illegible]

Total Number of Containers Submitted to Laboratory: 17

Turn Around Time (Circle Choice)

24 Hrs. 48 Hrs.

5 Days 10 Days

As Contracted

White - Lab Yellow - Project File Pink - C.O.C. Binder

COC5.VSD 02-01-01

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 1593

Cooler 1 of 12

KN

SAMPLE RECEIPT FORM

CLIENT: KRAZAN DATE: 7/30/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.8 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: KN

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: KN

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: KN

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 07 - 1593

Cooler 2 of 2

SAMPLE RECEIPT FORM

CLIENT: KRAZAN DATE: 7/30/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ____ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.
- ____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3.8 °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: KN

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ✓ No (Not Intact) : ____ Not Applicable (N/A): ____

Initial: KN

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: KN

COMMENTS: