

November 30, 2009

Robert Scott
 URS Corporation
 1615 Murray Canyon Road, Suite 1000
 San Diego, CA 92108-4319

DOCKET

08-AFC-12

DATE NOV 30 2009

RECD. DEC 18 2009

Subject: **Calscience Work Order No.: 09-11-1572**
Client Reference: SJS 1 & 2 / 27658034.03000

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/19/2009 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 Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, 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,

Vikas Patel

Calscience Environmental
 Laboratories, Inc.
 Vikas Patel
 Project Manager

Analytical Report



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27658034.03000

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15A	09-11-1572-1-A	11/18/09 08:00	Solid	ICP 5300	11/22/09	11/23/09 19:33	091122L02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	9.03	0.750	1		mg/kg

SJS-01-15B	09-11-1572-2-A	11/18/09 08:05	Solid	ICP 5300	11/22/09	11/23/09 19:34	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	11.2	0.750	1		mg/kg

SJS-01-15C	09-11-1572-3-A	11/18/09 08:10	Solid	ICP 5300	11/22/09	11/23/09 19:35	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	21.3	0.750	1		mg/kg

SJS-01-12A	09-11-1572-4-A	11/18/09 08:15	Solid	ICP 5300	11/22/09	11/23/09 19:37	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	528	0.750	1		mg/kg

SJS-01-12B	09-11-1572-5-A	11/18/09 08:20	Solid	ICP 5300	11/22/09	11/23/09 19:38	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	184	0.750	1		mg/kg

SJS-01-13A	09-11-1572-6-A	11/18/09 08:25	Solid	ICP 5300	11/22/09	11/23/09 19:39	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	130	0.750	1		mg/kg

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

Analytical Report



URS Corporation
1615 Murray Canyon Road, Suite 1000
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Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27658034.03000

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13B	09-11-1572-7-A	11/18/09 08:30	Solid	ICP 5300	11/22/09	11/23/09 19:40	091122L02

Parameter	Result	RL	DF	Qual	Units
Arsenic	122	0.750	1		mg/kg

SJS-01-13A-A	09-11-1572-8-A	11/18/09 08:40	Solid	ICP 5300	11/22/09	11/23/09 19:44	091122L02
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Parameter	Result	RL	DF	Qual	Units
Arsenic	7.98	0.750	1		mg/kg

SJS-01-13A-B	09-11-1572-9-A	11/18/09 08:45	Solid	ICP 5300	11/22/09	11/23/09 19:45	091122L02
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Parameter	Result	RL	DF	Qual	Units
Arsenic	19.6	0.750	1		mg/kg

SJS-01-13A-C	09-11-1572-10-A	11/18/09 08:50	Solid	ICP 5300	11/22/09	11/23/09 19:46	091122L02
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Parameter	Result	RL	DF	Qual	Units
Arsenic	9.13	0.750	1		mg/kg

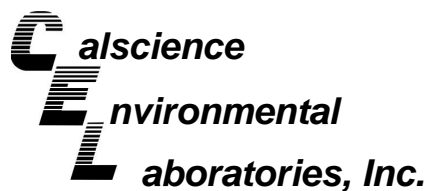
SJS-01-16A	09-11-1572-11-A	11/18/09 09:15	Solid	ICP 5300	11/22/09	11/23/09 19:47	091122L02
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Parameter	Result	RL	DF	Qual	Units
Arsenic	29.2	0.750	1		mg/kg

SJS-01-16B	09-11-1572-12-A	11/18/09 09:20	Solid	ICP 5300	11/22/09	11/23/09 19:48	091122L02
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Parameter	Result	RL	DF	Qual	Units
Arsenic	54.0	0.750	1		mg/kg

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URS Corporation
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Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27658034.03000

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16C	09-11-1572-13-A	11/18/09 09:25	Solid	ICP 5300	11/22/09	11/23/09 19:50	091122L02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	76.2	0.750	1		mg/kg

Method Blank	097-01-002-12,958	N/A	Solid	ICP 5300	11/22/09	11/23/09 18:54	091122L02
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Arsenic	ND	0.750	1		mg/kg

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Analytical Report



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: SJS 1 & 2 / 27658034.03000

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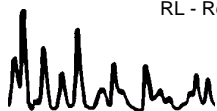
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10A	09-11-1572-14-A	11/18/09 09:45	Solid	GC 41	11/20/09	11/22/09 11:44	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	11	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	28	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1600	100	1	
4,4'-DDE	240	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	83	50-135			2,4,5,6-Tetrachloro-m-Xylene	83	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10B	09-11-1572-15-A	11/18/09 09:50	Solid	GC 41	11/20/09	11/22/09 12:12	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	9.3	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	22	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1200	100	1	
4,4'-DDE	200	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	66	50-135			2,4,5,6-Tetrachloro-m-Xylene	68	50-135		

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Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: SJS 1 & 2 / 27658034.03000

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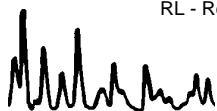
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10C	09-11-1572-16-A	11/18/09 09:55	Solid	GC 41	11/20/09	11/22/09 12:40	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	11	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	26	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1400	100	1	
4,4'-DDE	230	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	75	50-135			2,4,5,6-Tetrachloro-m-Xylene	76	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08A	09-11-1572-17-A	11/18/09 10:35	Solid	GC 41	11/20/09	11/22/09 13:08	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	16	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	34	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1600	200	2	
4,4'-DDE	300	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	100	50-135			2,4,5,6-Tetrachloro-m-Xylene	101	50-135		

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URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: SJS 1 & 2 / 27658034.03000

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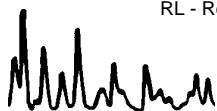
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08B	09-11-1572-18-A	11/18/09 10:40	Solid	GC 41	11/20/09	11/22/09 13:37	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	12	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	21	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1400	100	1	
4,4'-DDE	200	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	78	50-135			2,4,5,6-Tetrachloro-m-Xylene	79	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08C	09-11-1572-19-A	11/18/09 10:45	Solid	GC 41	11/20/09	11/22/09 14:05	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	12	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	35	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1300	100	1	
4,4'-DDE	180	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	73	50-135			2,4,5,6-Tetrachloro-m-Xylene	74	50-135		

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Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: SJS 1 & 2 / 27658034.03000

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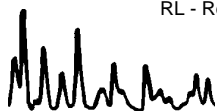
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09A	09-11-1572-20-A	11/18/09 11:20	Solid	GC 41	11/20/09	11/22/09 14:33	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	17	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	52	50	10	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1800	100	1	
4,4'-DDE	290	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	83	50-135			2,4,5,6-Tetrachloro-m-Xylene	83	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09B	09-11-1572-21-A	11/18/09 11:25	Solid	GC 41	11/20/09	11/22/09 15:01	091120L15

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	23	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	66	50	10	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1800	100	1	
4,4'-DDE	300	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	89	50-135			2,4,5,6-Tetrachloro-m-Xylene	90	50-135		

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URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: SJS 1 & 2 / 27658034.03000

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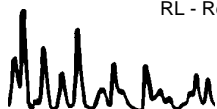
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09C	09-11-1572-22-A	11/18/09 11:30	Solid	GC 41	11/20/09	11/22/09 15:30	091120L15

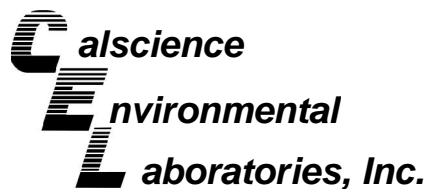
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	19	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	74	10	2	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	1600	100	1	
4,4'-DDE	270	50	10		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	79	50-135			2,4,5,6-Tetrachloro-m-Xylene	80	50-135		

Method Blank	099-12-537-779	N/A	Solid	GC 41	11/20/09	11/21/09 18:03	091120L15
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	78	50-135			2,4,5,6-Tetrachloro-m-Xylene	81	50-135		

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





Quality Control - Spike/Spike Duplicate



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

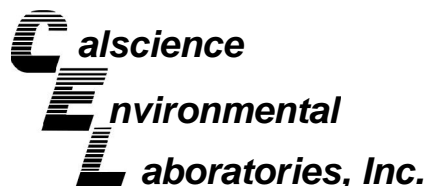
Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27658034.03000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-11-1542-2	Solid	ICP 5300	11/22/09	11/24/09	091122S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	91	90	75-125	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

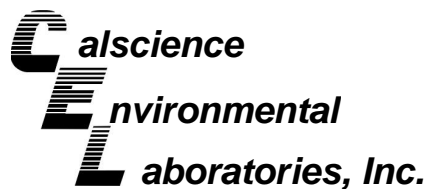
Date Received: 11/19/09
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A

Project SJS 1 & 2 / 27658034.03000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-11-1802-3	Solid	GC 41	11/20/09	11/21/09	091120S15

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Alpha-BHC	85	93	50-135	9	0-25	
Gamma-BHC	85	93	50-135	9	0-25	
Beta-BHC	84	92	50-135	9	0-25	
Heptachlor	83	93	50-135	12	0-25	
Delta-BHC	85	94	50-135	9	0-25	
Aldrin	85	94	50-135	10	0-25	
Heptachlor Epoxide	86	91	50-135	5	0-25	
Endosulfan I	84	92	50-135	9	0-25	
Dieldrin	86	95	50-135	9	0-25	
4,4'-DDE	94	84	50-135	9	0-25	
Endrin	93	104	50-135	11	0-25	
Endrin Aldehyde	87	95	50-135	9	0-25	
4,4'-DDD	91	97	50-135	6	0-25	
Endosulfan II	84	92	50-135	9	0-25	
4,4'-DDT	86	98	50-135	13	0-25	
Endosulfan Sulfate	86	94	50-135	9	0-25	
Methoxychlor	82	94	50-135	14	0-25	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

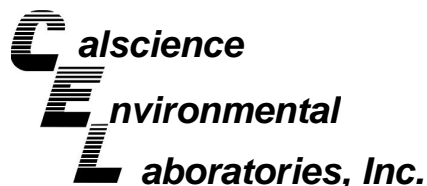
Date Received: N/A
Work Order No: 09-11-1572
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27658034.03000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-12,958	Solid	ICP 5300	11/22/09	11/23/09	091122L02

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	101	103	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-11-1572
Preparation: EPA 3545
Method: EPA 8081A

Project: SJS 1 & 2 / 27658034.03000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-537-779	Solid	GC 41	11/20/09	11/21/09	091120L15		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Alpha-BHC	97	85	50-135	36-149	14	0-25	
Gamma-BHC	97	84	50-135	36-149	14	0-25	
Beta-BHC	94	84	50-135	36-149	12	0-25	
Heptachlor	95	81	50-135	36-149	15	0-25	
Delta-BHC	95	83	50-135	36-149	13	0-25	
Aldrin	97	85	50-135	36-149	14	0-25	
Heptachlor Epoxide	90	80	50-135	36-149	12	0-25	
Endosulfan I	97	85	50-135	36-149	14	0-25	
Dieldrin	98	86	50-135	36-149	13	0-25	
4,4'-DDE	98	90	50-135	36-149	8	0-25	
Endrin	97	85	50-135	36-149	13	0-25	
Endrin Aldehyde	103	89	50-135	36-149	14	0-25	
4,4'-DDD	102	91	50-135	36-149	12	0-25	
Endosulfan II	96	83	50-135	36-149	14	0-25	
4,4'-DDT	93	79	50-135	36-149	17	0-25	
Endosulfan Sulfate	97	85	50-135	36-149	13	0-25	
Methoxychlor	91	77	50-135	36-149	16	0-25	

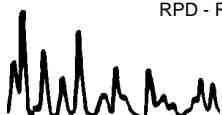
Total number of LCS compounds : 17

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 09-11-1572

<u>Qualifier</u>	<u>Definition</u>
*	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 (MS) or Matrix Spike Duplicate (MSD) 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.
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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





Calscience Environmental Laboratories, Inc.

SoCal Laboratory
 7440 Lincoln Way
 Garden Grove, CA 92841-1427
 (714) 895-5494

NorCal Service Center
 5063 Commercial Circle, Suite H
 Concord, CA 94520-8577
 (925) 689-9022

CHAIN OF CUSTODY RECORD

Date 11-18-09
 Page 2 of 3

LABORATORY CLIENT: _____

CLIENT PROJECT NAME / NUMBER: _____ P.O. NO.: _____

ADDRESS: SAME AS PAGE #1

CITY: _____ STATE: _____ ZIP: _____

TEL: _____ E-MAIL: _____

TURNAROUND TIME: 24 HR 48 HR 72 HR STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)

RWQCB REPORTING FORMS COELT EDF

SPECIAL INSTRUCTIONS: _____

PROJECT CONTACT: _____

SAMPLER(S): (PRINT) _____

COELT LOG CODE

TPH (g) or (C6-C36) or (C8-C44) _____

TPH (g) _____

BTEX / MTBE (8260B) or _____

VOCs (8260B) _____

Oxygenates (8260B) _____

Encore Prep (5035) _____

SVOCs (8270C) _____

Pesticides (8081A) _____

PCBs (8082) _____

PNAs (8310) or (8270C) _____

T22 Metals (6010B/747X) _____

Cr(VI) [7196A or 7199 or 218.6] _____

VOCs (TO-14A) or (TO-15) _____

TPH (g) [TO-3]+ _____

OCPIs EPA 8081A _____

Arsenic EPA 6010 _____

SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING		NO. OF OF MATRIX CONT.
		DATE	TIME	
SJS-01-16A		11-18-09	0915	1
SJS-01-16B			0920	1
SJS-01-16C			0925	1
SJS-10A			0945	1
SJS-10B			0950	1
SJS-10C			0955	1
SJS-08A			1035	1
SJS-08B			1040	1
SJS-08C			1045	1

Requested Analyses:

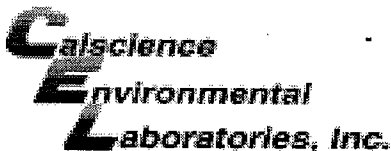
Requested by: (Signature) _____ Date: _____

Received by: (Signature/Affiliation) _____ Date: _____

Received by: (Signature/Affiliation) Webata ca Date: 11/19/09 Time: 1000

Received by: (Signature/Affiliation) _____ Date: _____ Time: _____

DISTRIBUTION: White with final report, Green and Yellow to Client. Please note that pages 1 and 2 of 2 of our TICs are printed on the reverse side of the Green and Yellow copies respectively.



WORK ORDER #: 09-11-1572

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: URS CORP.

DATE: 11/19/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.8 °C (CF) = 2.8 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Metals Only PCBs Only Initial: WB

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: WB

Sample _____ No (Not Intact) Not Present Initial: YL

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input checked="" type="checkbox"/> No date relinquished. <input checked="" type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve EnCores® TerraCores® _____

Water: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_p 1AGB 1AGB_{na2} 1AGB_s

500AGB 500AGJ 500AGJ_s 250AGB 250CGB 250CGB_s 1PB 500PB 500PB_{na}

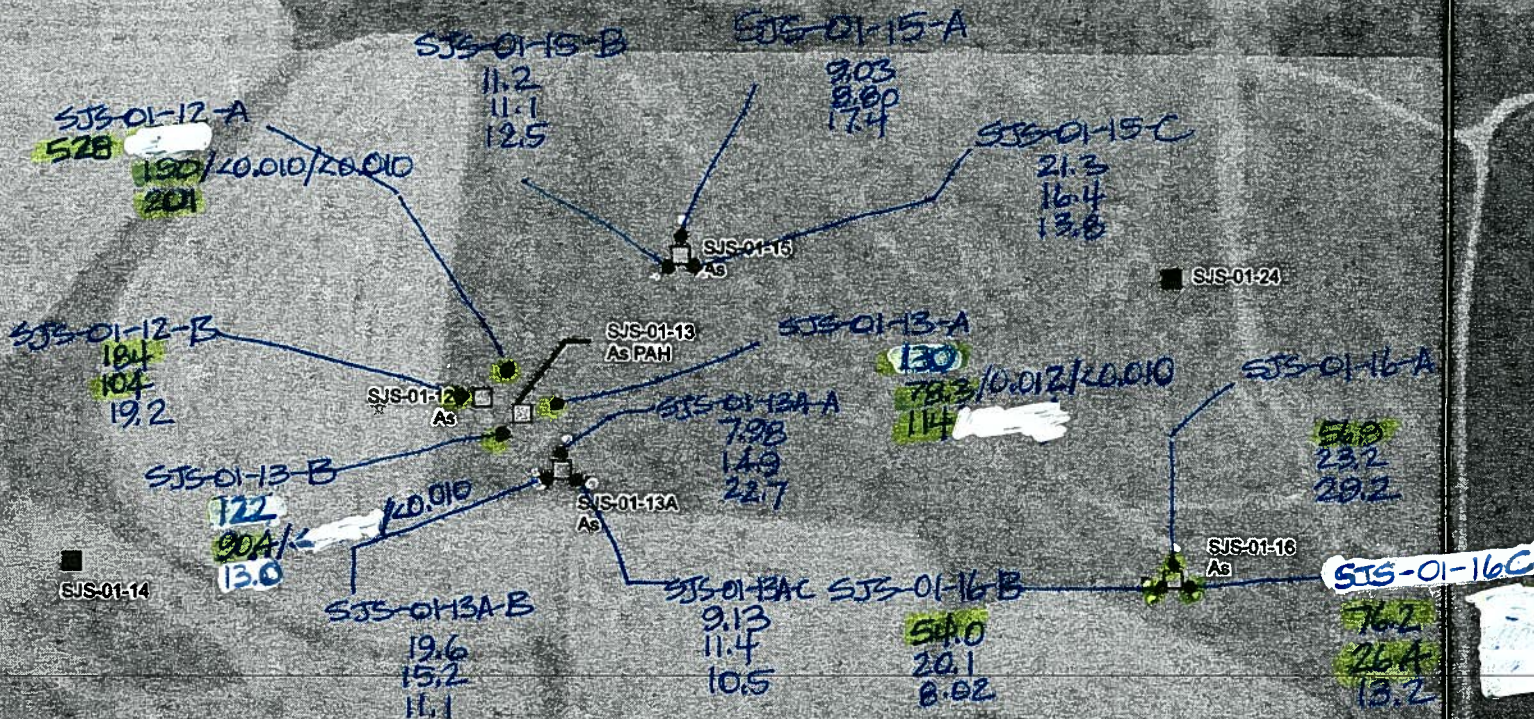
250PB 250PB_n 125PB 125PB_{znna} 100PJ 100PJ_{na2} _____ _____ _____

Air: Tedlar® Summa® **Other:** _____ **Trip Blank Lot#:** _____ **Checked by:** WB

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** YL

Preservative: h: HCL n: HNO3 na₂:Na₂S₂O₃ Na: NaOH p: H₃PO₄ s: H₂SO₄ znna: ZnAc₂+NaOH f: Field-filtered **Scanned by:** WB

WEST JAYNE AVE



AOC 1

AOC 2 (See Figure 3)

LEGEND

- Soil Probe Location
- Surface Sample Location
- Detected concentration in soil above commercial/industrial CHHSL or RSL
- T - Toxaphene
- PAH - Polynuclear Aromatic Hydrocarbon
- As - Arsenic
- TPH - Total Petroleum Hydrocarbons
- Project Boundary
- Area of Concern
- Greater than 3'-0" Cut
- Greater than 3'-0" Fill
- AOC 1 - Abandoned Oil Wells

Handwritten notes:
 Top - 0-1'
 Middle - 4-5'
 Bottom - 9-10'
 7.98/0.012/<0.010
 ↑ Arsenic ↑ BAP
 (a,b) anthracene
 >25mg/kg

SOURCES:
ESRI (Aerial June 2005)

**SAMPLE RESULTS HEALTH SCREENING AOC1
SAN JOAQUIN SOLAR HYBRID POWER STATIONS 1 & 2**

150 0 150 300 Feet
SCALE: 1" = 300' (1:3,600)
SCALE CORRECT WHEN PRINTED AT 11X17

CREATED BY: PM DATE: 11-12-09 FIG. NO: 2
 PM: RS PROJ. NO: 27658034.04000

Path: G:\proj\proj\157127658034\Instruments\Sample_Summary_PairField_AOC1.mxd, 11/17/09, paul_marcos

