Advanced Technology Laboratories

Sample Receipt Checklist

Client Name APCL

Date and Time Received: 1/25/02 5:58:02 PM

Work Order Numbe 055085

Received by: CC

Checklist completed by Soaldum (Signature) 01/25/02 (Date)

Reviewed by: RA (Initials) 1/28/02 (Date)

Cooler Temp (Deg C): 4.9 Carrier name: Walk-In

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐ (Soil/Oils/Liquid)

pH >12 for (CN ,S) ; pH <2 for (OG, 418.1 and Metal)

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Advanced Technology Laboratories

WORK ORDER Summary

25-Jan-02

Work Order: 055085

Client ID: APCL

Project: Sota Environmental

QC Level: ~~RTNE~~ Level IV

Date Received: 01/25/2002

Work Order Comments: with EDD ; * Level 4 Package

Sample ID	Client Sample ID	Collection Date	Due Date	Pres	Matrix	Test Code	Comments	Storage
055085-001A	MW-21-5	01/18/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/18/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-002A	MW-21-4	01/08/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/08/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-003A	MW-21-3	01/08/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/08/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-004A	MW-21-2	01/08/2002 1:	01/31/2002	N	Water	200.8_W		NS
		01/08/2002 1:	01/31/2002	N	Water	3010_W_MS		NS
055085-005A	MW-21-1	01/08/2002 2:	01/31/2002	N	Water	200.8_W		NS
		01/08/2002 2:	01/31/2002	N	Water	3010_W_MS		NS
055085-006A	ER-1 (~~Equipment~~ Equip. Rinsate Rinsat	01/09/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/09/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-007A	MW-17-5	01/10/2002 9:	01/31/2002	N	Water	200.8_W		NS
		01/10/2002 9:	01/31/2002	N	Water	3010_W_MS		NS
055085-008A	MW-17-4	01/10/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/10/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-009A	MW-17-3	01/10/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/10/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-010A	MW-17-2	01/10/2002 3:	01/31/2002	N	Water	200.8_W		NS

WORK ORDER Summary

25-Jan-02

Work Order: 055085

Client ID: APCL

Project: Sota Environmental **QC Level:** RTNE **Date Received:** 01/25/2002

Work Order Comments: with EDD ; * Level 4 Package

Sample ID	Client Sample ID	Collection Date	Due Date	Pres	Matrix	Test Code	Comments	Storage
055085-010A	MW-17-2	01/10/2002 3:	01/31/2002	N	Water	3010_W_MS		NS
055085-011A	MW-17-1	01/10/2002 3:	01/31/2002	N	Water	200.8_W		NS
		01/10/2002 3:	01/31/2002	N	Water	3010_W_MS		NS
055085-012A	ER-2	01/10/2002 2:	01/31/2002	N	Water	200.8_W		NS
		01/10/2002 2:	01/31/2002	N	Water	3010_W_MS		NS
055085-013A	MW-3-5	01/11/2002 9:	01/31/2002	N	Water	200.8_W		NS
		01/11/2002 9:	01/31/2002	N	Water	3010_W_MS		NS
055085-014A	MW-3-4	01/11/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/11/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-015A	MW-3-3	01/11/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/11/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-016A	MW-3-2	01/11/2002 1	01/31/2002	N	Water	200.8_W	MS/MSD	NS
		01/11/2002 1	01/31/2002	N	Water	3010_W_MS	MS/MSD	NS
055085-017A	MW-3-1	01/11/2002 1:	01/31/2002	N	Water	200.8_W		NS
		01/11/2002 1:	01/31/2002	N	Water	3010_W_MS		NS
055085-018A	ER-3	01/11/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/11/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-019A	MW-18-5	01/14/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/14/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-020A	MW-18-4	01/14/2002 1	01/31/2002	N	Water	200.8_W		NS

WORK ORDER Summary

25-Jan-02

Work Order: 055085

Client ID: APCL

Project: Sota Environmental **QC Level:** RTNE **Date Received:** 01/25/2002

Work Order Comments: with EDD ; * Level 4 Package

Sample ID	Client Sample ID	Collection Date	Due Date	Pres	Matrix	Test Code	Comments	Storage
055085-020A	MW-18-4	01/14/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-021A	MW-18-3	01/14/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/14/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-022A	MW-18-3D	01/14/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/14/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-023A	~~MW-2~~ MW-18-2	01/14/2002 2:	01/31/2002	N	Water	200.8_W		NS
		01/14/2002 2:	01/31/2002	N	Water	3010_W_MS		NS
055085-024A	ER-4 (~~Equipment~~ Equip. Rinsate Rinsat	01/14/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/14/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-025A	MW-19-5	01/15/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/15/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-026A	MW-19-4	01/15/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/15/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-027A	MW-19-3	01/15/2002 1	01/31/2002	N	Water	200.8_W	MS/MSD	NS
		01/15/2002 1	01/31/2002	N	Water	3010_W_MS	MS/MSD	NS
055085-028A	MW-19-3D	01/15/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/15/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-029A	MW-19-2	01/15/2002 2:	01/31/2002	N	Water	200.8_W		NS
		01/15/2002 2:	01/31/2002	N	Water	3010_W_MS		NS
055085-030A	MW-19-1	01/15/2002 3:	01/31/2002	N	Water	200.8_W		NS

WORK ORDER Summary

25-Jan-02

Work Order: 055085

Client ID: APCL

Project: Sota Environmental **QC Level:** RTNE **Date Received:** 01/25/2002

Work Order Comments: with EDD ; * Level 4 Package

Sample ID	Client Sample ID	Collection Date	Due Date	Pres	Matrix	Test Code	Comments	Storage
055085-030A	MW-19-1	01/15/2002 3:	01/31/2002	N	Water	3010_W_MS		NS
055085-031A	ER-5	01/15/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/15/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-032A	MW-20-5	01/16/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-033A	MW-20-4	01/16/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-034A	MW-20-3	01/16/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-035A	MW-20-2	01/16/2002 2:	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 2:	01/31/2002	N	Water	3010_W_MS		NS
055085-036A	MW-20-1	01/16/2002 3:	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 3:	01/31/2002	N	Water	3010_W_MS		NS
055085-037A	ER-6	01/16/2002 1	01/31/2002	N	Water	200.8_W		NS
		01/16/2002 1	01/31/2002	N	Water	3010_W_MS		NS
055085-038A	folder		01/31/2002			FOLDER		LAB

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-3-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 9:15:00 AM
Lab ID:	055085-013A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

028

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-3-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 10:03:00 AM
Lab ID:	055085-014A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B**	BatchID: **R15074**			PrepDate:		Analyst: **NS**
Chromium	ND	20		µg/L	4.0	1/30/02
Lead	ND	4.0		µg/L	4.0	1/30/02

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-3-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 10:57:00 AM
Lab ID:	055085-015A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

C30 15

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-3-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 12:05:00 PM
Lab ID:	055085-016A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

031 16

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-3-1
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 1:06:00 PM
Lab ID:	055085-017A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/11/02 11:04:00 AM
Lab ID:	055085-018A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

C33

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-17-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 9:45:00 AM
Lab ID:	055085-007A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	2.8	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: BA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-17-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 10:57:00 AM
Lab ID:	055085-008A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA 023

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-17-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 11:47:00 AM
Lab ID:	055085-009A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-17-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 3:05:00 PM
Lab ID:	055085-010A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RD

025

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-17-1
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 3:55:00 PM
Lab ID:	055085-011A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

026 11

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/10/02 2:25:00 PM
Lab ID:	055085-012A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B**	BatchID: **R15074**			PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA 02

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 10:48:00 AM
Lab ID:	055085-019A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 11:55:00 AM
Lab ID:	055085-020A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	5.6	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 12:40:00 PM
Lab ID:	055085-021A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	5.6	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-3D
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 12:40:00 PM
Lab ID:	055085-022A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	5.3	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 2:40:00 PM
Lab ID:	055085-023A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-4 (Equip. Rinsate)
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/14/02 12:28:00 PM
Lab ID:	055085-024A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A**	BatchID: **R15040**			PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 10:42:00 AM
Lab ID:	055085-025A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	5.1	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

C40

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 11:33:00 AM
Lab ID:	055085-026A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A**	BatchID: **R15040**			PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 12:37:00 PM
Lab ID:	055085-027A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	5.3	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-3D
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 12:37:00 PM
Lab ID:	055085-028A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A**	BatchID: **R15040**			PrepDate:		Analyst: **NS**
Chromium	5.6	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

C43

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 2:07:00 PM
Lab ID:	055085-029A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A**	BatchID: **R15040**			PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-1
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 3:33:00 PM
Lab ID:	055085-030A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A**	BatchID: **R15040**			PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

045 **Initials:** RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/15/02 12:06:00 PM
Lab ID:	055085-031A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

C.46
Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 10:09:00 AM
Lab ID:	055085-032A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

047

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 11:12:00 AM
Lab ID:	055085-033A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

C48

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 12:09:00 PM
Lab ID:	055085-034A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

T49

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 2:48:00 PM
Lab ID:	055085-035A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

050

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-1
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 3:43:00 PM
Lab ID:	055085-036A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

051

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-6
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/16/02 11:30:00 AM
Lab ID:	055085-037A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130A** BatchID: **R15040**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

052

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-21-1
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/8/02 2:37:00 PM
Lab ID:	055085-005A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

020

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-21-2
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/8/02 1:55:00 PM
Lab ID:	055085-004A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	5.8	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

019

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-21-3
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/8/02 12:02:00 PM
Lab ID:	055085-003A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	7.0	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

013 **Initials:** RA

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-21-4
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/8/02 11:10:00 AM
Lab ID:	055085-002A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	6.9	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

C17

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-21-5
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/8/02 10:20:00 AM
Lab ID:	055085-001A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	7.5	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: 016 RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *2/4/02*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	ER-1 (Equip. Rinsate)
Lab Order:	055085		
Project:	Sota Environmental	**Collection Date:**	1/9/02 12:15:00 PM
Lab ID:	055085-006A	**Matrix:**	Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020130B** BatchID: **R15074**				PrepDate:		Analyst: **NS**
Chromium	ND	5.0		µg/L	1.0	1/30/02
Lead	ND	1.0		µg/L	1.0	1/30/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Applied P & Ch Laboratory
13760 Magnolia Ave. Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

APCL Analytical Report

Submitted to:
SOTA Environmental
Attention: Yu Zeng
16835 W. Bernardo Dr, Ste. 212
San Diego CA 92127
Tel: (858)485-8100 Fax: (858)485-0812

Service ID #: 801-021731
Collected by:
Collected on: 02/22/02

Received: 02/22/02
Extracted: N/A
Tested: N/A
Reported: 03/14/02

Sample Description: Water
Project Description: 00HW019 JPL

Analysis of Water Samples

Component Analyzed	Method	Unit	PQL	Analysis Result MW-7 02-01731-1
CHROMIUM [a]				
LEAD [a]				

PQL: Practical Quantitation Limit. MDL: Method Detection Limit. CRDL: Contract Required Detection Limit
N.D.: Not Detected or less than the practical quantitation limit. "-": Analysis is not required.
J: Reported between PQL and MDL.
Listed Dilution Factors (DF) are relative to the method default DF. All unlisted DFs are 1.0
[a] Subcontracted to Advanced Technology Laboratories Inc. See attached.

Respectfully submitted,

Dominic Lau
Laboratory Director
Applied P & Ch Laboratory

RECEIVED
MAR 15 2002
SOTA ENVIRONMENTAL

Applied P & Ch Laboratory

APCL

13760 Magnolia Ave. Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Chain of Custody

Please Print in pen Page 1 of 1

Client: SOTA ENVIR. TECH., INC. Contact: MIKE SAYRE Tel #: 858-485-8100 Fax #: 858-485-0812

Address: 16835 W. BERNARDO DR. #212 City: SAN DIEGO State: CA Zip code: 92127

Bill to: SOTA

Project Name/Code JPL Job # 00HW019 P.O. #

Project Address PASADENA, CALIFORNIA APCL Quotation #

Due Date: ☐regular ☐rush: ___ days ___ hours Sampled by: MES/[illegible]

White – With report
Yellow – Lab copy
Pink – Originator

Field Sample ID No.	Sample Description	Date Collected	Time Collected	Sample Matrix	Preservation	# of Containers	VOCs (524.2)	Na, K, Ca, Mg, Fe (200.7)	Total Cr & Pb (200.8)	As (200.9)	Nitrate, Sulfate, Chloride (300.0)	Carbonate, Bicarb. Alk. (310.1)	Perchlorate (314.0)	Cr VI (7196)	TDS (160.1)	pH (150.1)	1,4 Dioxane (8270)	NDMA (1625C)	Remarks
MW-7	MW-7	2/22/02	1147	WATER	HCl	3	X												
|	|	|	|	|	HNO_3	2		X	X	X									
|	|	|	|	|	—	~~5~~ 6					X	X	X	X	X	X	X	X	

1731

QC Requirement: ☐Regular; ☐QA/QC Report; ☐WIP; ☐Raw Data; ☐Extended Raw Data ☐CLP; ☐ACE ☐AFCEE ☐NEESA ___(E, C or D); ☐Other _____(Please specify)

Sample Disposal: ☐Return ☐Disposal by APCL ☐Hold for _____ days after receiving date. **If not specified, samples will be discarded 45 days after samples are received.**

Sample Conditions: ☐Intact; ☐Broken. Cooler Seal: ☐Intact; ☐Broken; ☐ None . Tag # _____ Temperature: ☐ Room ☐Cold (_____ °C).

Relinquished by [signature] Date/Time 2/22/02 / 1338 Received by [signature] Date/Time 2/22/02 / 1338

Relinquished by Date/Time / Received by Date/Time /

APCL USE ONLY Service # Note:

Clients understand that all terms described in the proposals, quotations for this project, and/or the general terms provided in the current APCL price schedules will be followed. APCL reserves the right to terminate its service or withhold delivery of any reports, if in APCL's sole discretion the terms of the project have been broken.

APCL Form 4-101 Ver. 4.0 Dec. 20, 1994

Root-file:/CUST DATA LAB/CHAIN_ROOT.TEX File:/CUST DATA LAB/CHAIN.TEX

APCL

Applied P & Ch Laboratory
13760 E. Magnolia Ave., Chino CA 91710
Tel: (909) 590-1828 Fax: (909) 590-1498

Subcontract Chain of Custody

Please Print in pen

Page 1 of 1

TO: Advanced Technology Laboratories Contact Rachelle Tel: (562) 989-4045 Fax: (562) 989-4040

Address 1500 E 33rd Street City Signal Hill State CA Zip code 90807

APCL Project Title/Code JPL / 00HW019 Sampler

Bill to (if different from above) APCL Quotation # Sample disposition: Date ☐client; ☐APCL

Due date ☑regular ☐rush Client signature Joseph A. Saldano P.O.# Date 2/26/02

Sample Description	Date Collected	Time Collected	Matrix	Pres. Y/N	Filtered Y/N	Analysis items	Unit Price*	APCL Lab-ID
MW-7	2/22/02	1147	W	Y		Total Cr & Pb by 200.8		02-173-1

Sample Conditions: Seal ☑ Intact ☐ Broken ☐ None; Temperature ☑ Cold ☐ Room; Other

Relinquished by	Joseph A. Saldano	Date/Time 2/26/02 1100	Received by	[illegible]	Date/Time 2/26/02 [illegible]
Relinquished by		Date/Time	Received by		Date/Time
Relinquished by		Date/Time	Received by		Date/Time
Relinquished by		Date/Time	Received by		Date/Time

* APCL must be notified if unit price is incorrect.

Advanced Technology Laboratories

Print Date: *3/1/02*

CLIENT: Applied P & Ch Laboratories
Client Sample ID: MW-7
Lab Order: 055580
Project: JPL/00HW019
Collection Date: 2/22/02 11:47:00 AM
Lab ID: 055580-001A
Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**			
RunID: **ICP4_020228B** BatchID: **R15818**			PrepDate:			Analyst: **NS**
Chromium	9.8	5.0		µg/L	1.0	2/28/02
Lead	ND	1.0		µg/L	1.0	2/28/02

Qualifiers:
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Initials: RA

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Advanced Technology Laboratories

Date: *01-Mar-02*

CLIENT: Applied P & Ch Laboratories
Work Order: 055580
Project: JPL/00HW019

QC SUMMARY REPORT
Method Blank

Sample ID **MB-R15818** Batch ID: **R15818** Test Name **ICPMS METALS** Units **µg/L** Analysis Date: **2/28/02** Prep Date:

MBLK SeqNo: **242922**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	5.0		0				0			
Lead	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *01-Mar-02*

CLIENT: Applied P & Ch Laboratories
Work Order: 055580
Project: JPL/00HW019

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **055580-001AMS** Batch ID: **R15818** Test Name **ICPMS METALS** Units **µg/L** Analysis Date: **2/28/02** Prep Date:

MS SeqNo: **242926**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	19	5.0	10	9.8	92	80	120	0			
Lead	9.9	1.0	10	0	99	80	120	0			

Sample ID **055580-001AMS** Batch ID: **R15818** Test Name **ICPMS METALS** Units **µg/L** Analysis Date: **2/28/02** Prep Date:

MSD SeqNo: **242927**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	18	5.0	10	9.8	81	80	120	19	6	20	
Lead	9.5	1.0	10	0	95	80	120	9.9	4	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-

Date: *01-Mar-02*

Advanced Technology Laboratories

CLIENT: Applied P & Ch Laboratories
Work Order: 055580
Project: JPL/00HW019

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-R15818** Batch ID: **R15818** Test Name **ICPMS METALS** Units **µg/L** Analysis Date: **2/28/02** Prep Date:
SeqNo: **242923**

LCS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10	5.0	10	0	102	85	115	0			
Lead	10	1.0	10	0	100	85	115	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

All calculations are based on raw values.