Applied P & Ch Laboratories
Project: JPL GW Mon, 04.4428.10

ATL Work Order: 065632

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

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Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *19-Nov-03*

CLIENT: Applied P & Ch Laboratories
Project: JPL GW Mon, 04-4428.10
Lab Order: 065632

CASE NARRATIVE

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 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

Subcontract Chain of Custody

Please Print in pen

Subcontract Lab: ATL
Contact: Puri
Tel #: (562)989-4045 Fax #: (562)989-4040
Address: 3275 Walnut Avenue
City: Signal Hill
State: CA
Zip code: 90807
APCL Client: #5876
APCL Contact: Kenny Chan
Project Name/Code JPL GW Mon
Job # 04-4428:10
BILL TO APCL
Sub Quotation # —
Due Date: ☒ regular ☐ rush: ___ days ___ hours
Sampled by: JR

White – With report
Yellow – Lab copy
Pink – Originator

Field Sample ID No.	Sample ~~Description~~ ID	Date Collected	Time Collected	Sample Matrix	Preservation	# of Containers	Cr by 200.8	Remarks
	MW-20-5	102403	0733	W	HNO_3	1	X	Level 4 pkg and EDD.
	MW-20-4	102403	0800	W	HNO_3	1	X	
	MW-20-3	102403	0849	W	HNO_3	1	X	
	MW-20-2	102403	0911	W	HNO_3	1	X	
	MW-20-1	102403	0949	W	HNO_3	1	X	
	EB-3-10-24-03	102403	0841	W	HNO_3	1	X	
	Dupe-6-4-Q03	102403	0929	W	HNO_3	1	X	
	MW-11-5	10/22/3	0748	W	HNO_3	1	X	
	MW-11-4	10/22/3	0810	W	HNO_3	1	X	
	MW-11-3	10/22/3	0847	W	HNO_3	1	X	
	MW-11-2	10/22/3	0910	W	HNO_3	1	X	
	MW-11-1	10/22/3	0932	W	HNO_3	1	X	
	EB-1-10-22-03	10/22/3	0900	W	HNO_3	1	X	
	MW-22-5	10/22/03	1021	W	HNO_3	1	X	
	MW-22-4	102203	1041	W	HNO_3	1	X	

QC Requirement: ☐ Regular; ☐ QA/QC Report; ☐ WIP; ☐ Raw Data; ☐ Extended Raw Data ☐ CLP; ☐ ACE ☐ AFCEE ☒ NEESA D (E, C or D); ☒ Other EDD (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 (2.4 °C).

Relinquished by [signature] Date/Time 10/31/3 / Received by [signature] Date/Time 10/31/03 / 14:40

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 ...

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Subcontract Chain of Custody

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Subcontract Lab: ATL
Contact: Puri
Tel #: (562)989-4045 Fax #: (562)989-4040
Address: 3275 Walnut Avenue
City: Signal Hill
State: CA
Zip code: 90807
APCL Client: #5876
APCL Contact: Kenny Chan
Project Name/Code JPL GW Mon
Job # 04-4428.10
BILL TO APCL
Sub Quotation # —
Due Date: ☒ regular ☐ rush: ___ days ___ hours
Sampled by: JR

Analysis Items: Cr 6/200.8

White – With report
Yellow – Lab copy
Pink – Originator

Field Sample ID No.	Sample Description	Date Collected	Time Collected	Sample Matrix	Preservation	# of Containers	Cr 6/200.8	Remarks
	MW-22-3	102203	1100	W	HNO_3	1	X	Level 4 pkg and EDD.
	MW-22-2	102203	1120	W	HNO_3	1	X	
	MW-22-1	102203	1140	W	HNO_3	1	X	
	MW-4-5	102703	0714	W	HNO_3	1	X	
	MW-4-4	102703	0839	W	HNO_3	1	X	
	MW-4-3	102703	0901	W	HNO_3	1	X	
	MW-4-2	102703	0920	W	HNO_3	1	X	
	MW-4-1	102703	0946	W	HNO_3	1	X	
	Dupe-3-4-Q03	102703	0812	W	HNO_3	1	X	
	EB-4-10-27-03	102703	0959	W	HNO_3	1	X	
	MW-24-5	102803	0758	W	HNO_3	1	X	
	MW-24-4	102803	0829	W	HNO_3	1	X	
	Dupe-1-4Q03	102803	0821	W	HNO_3	1	X	
	MW-24-3	102803	0846	W	HNO_3	1	X	
	MW-24-2	102803	1011	W	HNO_3	1	X	

QC Requirement: ☐ Regular; ☐ QA/QC Report; ☐ WIP; ☐ Raw Data; ☐ Extended Raw Data ☐ CLP; ☐ ACE ☐ AFCEE ☒ NEESA D (E, C or D); ☑ Other EDD (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 (2.4 °C).

Relinquished by [signature] Date/Time 10/31/03 / Received by [signature] Date/Time 11/3/03 / 14:40

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

APCL USE ONLY Service # Note:

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Subcontract Lab: ATL
Contact: Puri
Tel #: (562) 989-4045 Fax #: (562) 989-4040
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City: Signal Hill
State: CA
Zip code: 90807
APCL Client: #5876
APCL Contact: Kenny Chan
Project Name/Code JPL GW Mon
Job # 04-4428.10
BILL TO APCL
Sub Quotation # —
Due Date: ☒ regular ☐ rush: ___ days ___ hours
Sampled by: JR

Field Sample ID No.	Sample ~~Description~~ ID	Date Collected	Time Collected	Sample Matrix	Preservation	# of Containers	Analysis Items: Cr 6/200.8	Remarks
	MW-24-1	102803	1041	W	HNO3	1	X	
	EB-5-10-28-03	102803	1030	W	HNO3	1	X	Level 4 pkg
	MW-18-5	102903	0746	W	HNO3	1	X	and EDD.
	MW-18-4	102903	0814	W	HNO3	1	X	
	MW-18-3	102903	0841	W	HNO3	1	X	
	MW-18-2	102903	0906	W	HNO3	2	X	← MS/MSD
	MW-18-1	102903	0955	W	HNO3	1	X	
	EB-6-10-29-03	102903	0945	W	HNO3	1	X	
	MW-19-5	102903	1117	W	HNO3	1	X	
	MW-19-4	102903	1140	W	HNO3	1	X	
	MW-19-3	102903	1210	W	HNO3	2	X	← MS/MSD
	MW-19-2	102903	1250	W	HNO3	1	X	
	MW-19-1	102903	1313	W	HNO3	1	X	

White – With report
Yellow – Lab copy
Pink – Originator

QC Requirement: ☐ Regular; ☐ QA/QC Report; ☐ WIP; ☐ Raw Data; ☐ Extended Raw Data ☐ CLP; ☐ ACE ☐ AFCEE ☒ NEESA D (E, C or D); ☒ Other EDD (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 (2.2 °C).

Relinquished by [signature] Date/Time 10/31/03 / Received by [signature] Date/Time 10/31/03 / 14:20

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

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Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT: Applied P & Ch Laboratories
Project: JPL GW Mon, 04-4428.10
Lab Order: 065632
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
065632-001A	MW-20-5	Water	10/24/2003	10/31/2003	11/10/2003
065632-002A	MW-20-4	Water	10/24/2003	10/31/2003	11/10/2003
065632-003A	MW-20-3	Water	10/24/2003	10/31/2003	11/10/2003
065632-004A	MW-20-2	Water	10/24/2003	10/31/2003	11/10/2003
065632-005A	MW-20-1	Water	10/24/2003	10/31/2003	11/10/2003
065632-006A	EB-3-10-24-03	Water	10/24/2003	10/31/2003	11/10/2003
065632-007A	Dupe-6-4-Q03	Water	10/24/2003	10/31/2003	11/10/2003
065632-008A	MW-11-5	Water	10/22/2003	10/31/2003	11/10/2003
065632-009A	MW-11-4	Water	10/22/2003	10/31/2003	11/10/2003
065632-010A	MW-11-3	Water	10/22/2003	10/31/2003	11/10/2003
065632-011A	MW-11-2	Water	10/22/2003	10/31/2003	11/10/2003
065632-012A	MW-11-1	Water	10/22/2003	10/31/2003	11/10/2003
065632-013A	EB-1-10-22-03	Water	10/22/2003	10/31/2003	11/10/2003
065632-014A	MW-22-5	Water	10/22/2003	10/31/2003	11/10/2003
065632-015A	MW-22-4	Water	10/22/2003	10/31/2003	11/10/2003
065632-016A	MW-22-3	Water	10/22/2003	10/31/2003	11/10/2003
065632-017A	MW-22-2	Water	10/22/2003	10/31/2003	11/10/2003
065632-018A	MW-22-1	Water	10/22/2003	10/31/2003	11/10/2003
065632-019A	MW-4-5	Water	10/27/2003	10/31/2003	11/10/2003
065632-020A	MW-4-4	Water	10/27/2003	10/31/2003	11/10/2003
065632-021A	MW-4-3	Water	10/27/2003	10/31/2003	11/10/2003
065632-022A	MW-4-2	Water	10/27/2003	10/31/2003	11/10/2003
065632-023A	MW-4-1	Water	10/27/2003	10/31/2003	11/10/2003
065632-024A	Dupe-3-4-Q03	Water	10/27/2003	10/31/2003	11/10/2003
065632-025A	EB-4-10-27-03	Water	10/27/2003	10/31/2003	11/10/2003
065632-026A	MW-24-5	Water	10/28/2003	10/31/2003	11/10/2003
065632-027A	MW-24-4	Water	10/28/2003	10/31/2003	11/10/2003
065632-028A	Dupe-1-4Q03	Water	10/28/2003	10/31/2003	11/10/2003
065632-029A	MW-24-3	Water	10/28/2003	10/31/2003	11/10/2003

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

CLIENT: Applied P & Ch Laboratories
Project: JPL GW Mon, 04-4428.10
Lab Order: 065632
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
065632-030A	MW-24-2	Water	10/28/2003	10/31/2003	11/10/2003
065632-031A	MW-24-1	Water	10/28/2003	10/31/2003	11/10/2003
065632-032A	EB-5-10-28-03	Water	10/28/2003	10/31/2003	11/10/2003
065632-033A	MW-18-5	Water	10/29/2003	10/31/2003	11/10/2003
065632-034A	MW-18-4	Water	10/29/2003	10/31/2003	11/10/2003
065632-035A	MW-18-3	Water	10/29/2003	10/31/2003	11/10/2003
065632-036A	MW-18-2	Water	10/29/2003	10/31/2003	11/10/2003
065632-037A	MW-18-1	Water	10/29/2003	10/31/2003	11/10/2003
065632-038A	EB-6-10-29-03	Water	10/29/2003	10/31/2003	11/10/2003
065632-039A	MW-19-5	Water	10/29/2003	10/31/2003	11/10/2003
065632-040A	MW-19-4	Water	10/29/2003	10/31/2003	11/10/2003
065632-041A	MW-19-3	Water	10/29/2003	10/31/2003	11/10/2003
065632-042A	MW-19-2	Water	10/29/2003	10/31/2003	11/10/2003
065632-043A	MW-19-1	Water	10/29/2003	10/31/2003	11/10/2003

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT: Applied P & Ch Laboratories
Lab Order: 065632
Project: JPL GW Mon, 04-4428.10
Lab ID: 065632-001A

Client Sample ID: MW-20-5
Collection Date: 10/24/2003 7:33:00 AM
Matrix: WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1.3		0.11	1.0	µg/L	1	11/4/2003 3:18:39 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 8:00:00 AM
Lab ID:	065632-002A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1.6		0.11	1.0	µg/L	1	11/4/2003 3:21:08 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 8:49:00 AM
Lab ID:	065632-003A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	2.9		0.11	1.0	µg/L	1	11/4/2003 3:23:38 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 9:11:00 AM
Lab ID:	065632-004A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B	QC Bach: R32245			PrepDate:			
Chromium	1.3		0.11	1.0	µg/L	1	11/4/2003 3:26:08 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-20-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 9:49:00 AM
Lab ID:	065632-005A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1.9		0.11	1.0	µg/L	1	11/4/2003 3:28:38 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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H-Samples exceed holding time

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	EB-3-10-24-03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 8:41:00 AM
Lab ID:	065632-006A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	ND		0.11	1.0	µg/L	1	11/4/2003 3:31:09 PM

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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E - Value above quantitation range
H-Samples exceed holding time

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Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	Dupe-6-4-Q03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/24/2003 9:29:00 AM
Lab ID:	065632-007A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1.4		0.11	1.0	µg/L	1	11/4/2003 3:33:41 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
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H-Samples exceed holding time

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-11-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 7:48:00 AM
Lab ID:	065632-008A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1.5		0.11	1.0	µg/L	1	11/4/2003 3:36:12 PM

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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E - Value above quantitation range
H-Samples exceed holding time

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Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-11-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 8:10:00 AM
Lab ID:	065632-009A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	0.8	J	0.11	1.0	µg/L	1	11/4/2003 3:43:54 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-11-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 8:47:00 AM
Lab ID:	065632-010A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	3.4		0.11	1.0	µg/L	1	11/4/2003 3:46:27 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-11-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 9:10:00 AM
Lab ID:	065632-011A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	1	J	0.22	2.0	µg/L	2	11/4/2003 4:38:59 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-11-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 9:32:00 AM
Lab ID:	065632-012A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	2	J	0.22	2.0	µg/L	2	11/4/2003 4:41:32 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	EB-1-10-22-03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 9:00:00 AM
Lab ID:	065632-013A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	ND		0.11	1.0	µg/L	1	11/4/2003 3:56:39 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-22-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 10:21:00 AM
Lab ID:	065632-014A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	0.7	J	0.11	1.0	µg/L	1	11/4/2003 3:59:06 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-22-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 10:41:00 AM
Lab ID:	065632-015A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	3.1		0.22	2.0	µg/L	2	11/4/2003 4:44:05 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT: Applied P & Ch Laboratories
Lab Order: 065632
Project: JPL GW Mon, 04-4428.10
Lab ID: 065632-016A

Client Sample ID: MW-22-3
Collection Date: 10/22/2003 11:00:00 AM
Matrix: WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	3.2		0.22	2.0	µg/L	2	11/4/2003 4:46:39 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-22-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 11:20:00 AM
Lab ID:	065632-017A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	0.9	J	0.56	5.0	µg/L	5	11/4/2003 5:09:44 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-22-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/22/2003 11:40:00 AM
Lab ID:	065632-018A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B QC Bach: R32245			PrepDate:				
Chromium	3	J	0.56	5.0	µg/L	5	11/4/2003 5:12:14 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-4-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 7:44:00 AM
Lab ID:	065632-019A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031104B	QC Bach: R32245		PrepDate:				
Chromium	3.5		0.11	1.0	µg/L	1	11/4/2003 4:16:39 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-4-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 8:39:00 AM
Lab ID:	065632-020A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105C QC Bach: R32300			PrepDate:				
Chromium	2.4		0.11	1.0	µg/L	1	11/5/2003 11:58:43 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-4-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 9:01:00 AM
Lab ID:	065632-021A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**	**(EPA 200.8)**			Analyst: **NS**
RunID: ICP4_031105D QC Bach: 15669				PrepDate: 11/5/2003			
Chromium	0.4	J	0.11	1.0	µg/L	1	11/5/2003 2:28:26 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-4-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 9:20:00 AM
Lab ID:	065632-022A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B	QC Bach: R32298		PrepDate:				
Chromium	3.7		0.11	1.0	µg/L	1	11/5/2003 10:38:18 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-4-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 9:46:00 AM
Lab ID:	065632-023A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	2.6		0.11	1.0	µg/L	1	11/5/2003 10:40:47 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	Dupe-3-4-Q03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 8:12:00 AM
Lab ID:	065632-024A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	5.6		0.11	1.0	µg/L	1	11/5/2003 10:43:17 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	EB-4-10-27-03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/27/2003 9:59:00 AM
Lab ID:	065632-025A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	ND		0.11	1.0	µg/L	1	11/5/2003 10:45:47 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-24-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 7:58:00 AM
Lab ID:	065632-026A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	3.7		0.11	1.0	µg/L	1	11/5/2003 10:48:17 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-24-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 8:29:00 AM
Lab ID:	065632-027A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.2		0.11	1.0	µg/L	1	11/5/2003 10:50:48 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	Dupe-1-4Q03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 9:21:00 AM
Lab ID:	065632-028A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.1		0.11	1.0	µg/L	1	11/5/2003 10:53:19 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-24-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 9:46:00 AM
Lab ID:	065632-029A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.7		0.11	1.0	µg/L	1	11/5/2003 10:55:51 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-24-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 10:11:00 AM
Lab ID:	065632-030A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B	QC Bach: R32298		PrepDate:				
Chromium	2.7		0.11	1.0	µg/L	1	11/5/2003 11:03:33 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-24-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 10:41:00 AM
Lab ID:	065632-031A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	4.0		0.11	1.0	µg/L	1	11/5/2003 11:08:39 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	EB-5-10-28-03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/28/2003 10:30:00 AM
Lab ID:	065632-032A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	ND		0.11	1.0	µg/L	1	11/5/2003 11:11:13 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 7:46:00 AM
Lab ID:	065632-033A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.0		0.11	1.0	µg/L	1	11/5/2003 11:13:47 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 8:14:00 AM
Lab ID:	065632-034A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	2.6		0.11	1.0	µg/L	1	11/5/2003 11:16:18 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 8:41:00 AM
Lab ID:	065632-035A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	5.9		0.11	1.0	µg/L	1	11/5/2003 11:18:45 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 9:06:00 AM
Lab ID:	065632-036A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.9		0.11	1.0	µg/L	1	11/5/2003 11:21:13 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-18-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 9:55:00 AM
Lab ID:	065632-037A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.5		0.11	1.0	µg/L	1	11/5/2003 11:26:10 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	EB-6-10-29-03
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 9:45:00 AM
Lab ID:	065632-038A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	ND		0.11	1.0	µg/L	1	11/5/2003 11:33:48 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-5
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 11:17:00 AM
Lab ID:	065632-039A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	1.8		0.11	1.0	µg/L	1	11/5/2003 11:36:18 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-4
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 11:40:00 AM
Lab ID:	065632-040A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105B QC Bach: R32298			PrepDate:				
Chromium	2.4		0.11	1.0	µg/L	1	11/5/2003 11:38:48 A

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-3
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 12:10:00 PM
Lab ID:	065632-041A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031103A QC Bach: R32245			PrepDate:				
Chromium	4.3		0.22	2.0	µg/L	2	11/3/2003 4:54:04 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-2
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 12:50:00 PM
Lab ID:	065632-042A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105C QC Bach: R32300			PrepDate:				
Chromium	4.0		0.11	1.0	µg/L	1	11/5/2003 12:01:16 P

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT:	Applied P & Ch Laboratories	**Client Sample ID:**	MW-19-1
Lab Order:	065632		
Project:	JPL GW Mon, 04-4428.10	**Collection Date:**	10/29/2003 1:13:00 PM
Lab ID:	065632-043A	**Matrix:**	WATER

Analyte	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
ICP-MS METALS			**EPA 200.8**				Analyst: **NS**
RunID: ICP4_031105C QC Bach: R32300			PrepDate:				
Chromium	1.2		0.11	1.0	µg/L	1	11/5/2003 12:03:50 P

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Samples exceed holding time

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *10-Nov-03*

CLIENT: Applied P & Ch Laboratories
Work Order: 065632
Project: JPL GW Mon, 04-4428.10

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: **MB-R32245** SampType: **MBLK** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **ZZZZZ** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480088**

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

Sample ID: **MB-R32298** SampType: **MBLK** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **ZZZZZ** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480810**

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

Sample ID: **MB-R32300** SampType: **MBLK** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105C**
Client ID: **ZZZZZ** Batch ID: **R32300** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480886**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.461	1.0									J

Sample ID: **MB-15669** SampType: **MBLK** TestCode: **200.8_W** Units: **µg/L** Prep Date: **11/5/2003** Run ID: **ICP4_031105D**
Client ID: **ZZZZZ** Batch ID: **15669** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **11/5/2003** SeqNo: **480892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.1825	1.0									J

Sample ID: **LCS-R32245** SampType: **LCS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **ZZZZZ** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.15	1.0	10	0	102	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

0053

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Applied P & Ch Laboratories
Work Order: 065632
Project: JPL GW Mon, 04-4428.10

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: **LCS-R32298** SampType: **LCS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **ZZZZZ** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.15	1.0	10	0	101	85	115	0	0		

Sample ID: **LCS-R32300** SampType: **LCS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105C**
Client ID: **ZZZZZ** Batch ID: **R32300** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480885**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.46	1.0	10	0	105	85	115	0	0		

Sample ID: **LCS-15669** SampType: **LCS** TestCode: **200.8_W** Units: **µg/L** Prep Date: **11/5/2003** Run ID: **ICP4_031105D**
Client ID: **ZZZZZ** Batch ID: **15669** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **11/5/2003** SeqNo: **480891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.42	1.0	10	0	104	85	115	0	0		

Sample ID: **065632-041AMS** SampType: **MS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **MW-19-3** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480085**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	11.12	4.0	10	4.286	68.4	80	120	0	0		S

Sample ID: **065632-036AMS** SampType: **MS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **MW-18-2** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480803**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.67	1.0	10	1.936	87.4	80	120	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

0054

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Applied P & Ch Laboratories
Work Order: 065632
Project: JPL GW Mon, 04-4428.10

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: **065632-043AMS** SampType: **MS** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105C**
Client ID: **MW-19-1** Batch ID: **R32300** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480888**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	9.976	1.0	10	1.15	88.3	80	120	0	0		

Sample ID: **065632-021AMS** SampType: **MS** TestCode: **200.8_W** Units: **µg/L** Prep Date: **11/5/2003** Run ID: **ICP4_031105D**
Client ID: **MW-4-3** Batch ID: **15669** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **11/5/2003** SeqNo: **480894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	9.848	1.0	10	0.3625	94.8	80	120	0	0		

Sample ID: **065632-041AMSD** SampType: **MSD** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **MW-19-3** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480086**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	11.56	4.0	10	4.286	72.8	80	120	11.12	3.88	20	S

Sample ID: **065632-036AMSD** SampType: **MSD** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **MW-18-2** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480804**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	10.62	1.0	10	1.936	86.8	80	120	10.67	0.526	20	

Sample ID: **065632-043AMSD** SampType: **MSD** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105C**
Client ID: **MW-19-1** Batch ID: **R32300** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480889**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	9.952	1.0	10	1.15	88	80	120	9.976	0.241	20	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

0055

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Applied P & Ch Laboratories
Work Order: 065632
Project: JPL GW Mon, 04-4428.10

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: **065632-021AMSD** SampType: **MSD** TestCode: **200.8_W** Units: **µg/L** Prep Date: **11/5/2003** Run ID: **ICP4_031105D**
Client ID: **MW-4-3** Batch ID: **15669** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **11/5/2003** SeqNo: **480895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	9.899	1.0	10	0.3625	95.4	80	120	9.848	0.519	20	

Sample ID: **065632-041ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **MW-19-3** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480089**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	4.362	2.0	0	0	0	0	0	4.286	1.76	30	

Sample ID: **065632-010ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031103A**
Client ID: **MW-11-3** Batch ID: **R32245** TestNo: **EPA 200.8** Analysis Date: **11/3/2003** SeqNo: **480090**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.868	2.0	0	0	0	0	0	3.418	17.5	30	

Sample ID: **065632-036ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **MW-18-2** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480811**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.003	1.0	0	0	0	0	0	1.936	3.40	30	

Sample ID: **065632-030ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105B**
Client ID: **MW-24-2** Batch ID: **R32298** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480812**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.719	1.0	0	0	0	0	0	2.729	0.367	30	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

0056

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Applied P & Ch Laboratories
Work Order: 065632
Project: JPL GW Mon, 04-4428.10

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.8_W

Sample ID: **065632-043ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: Run ID: **ICP4_031105C**
Client ID: **MW-19-1** Batch ID: **R32300** TestNo: **EPA 200.8** Analysis Date: **11/5/2003** SeqNo: **480887**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	1.009	1.0	0	0	0	0	0	1.15	13.1	30	

Sample ID: **065632-021ADUP** SampType: **DUP** TestCode: **200.8_W** Units: **µg/L** Prep Date: **11/5/2003** Run ID: **ICP4_031105D**
Client ID: **MW-4-3** Batch ID: **15669** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **11/5/2003** SeqNo: **480893**

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

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time