



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 23, 2010

Jessica Vickers  
Tetra Tech EM Inc.  
1955 Evergreen Blvd.  
Duluth GA 30096

TEL: (678) 775-3104  
FAX: (678) 775-3138

RE: Powder Springs Plating

Dear Jessica Vickers:

Order No: 1006H79

Analytical Environmental Services, Inc. received 7 samples on June 19, 2010 9:40 am for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

James Forrest  
Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

## CHAIN OF CUSTODY

Work Order: 1006179

Date: \_\_\_\_\_ of \_\_\_\_\_

COMPANY: <u>Tetra Tech</u>		ADDRESS: <u>1955 Evergreen</u>		ANALYSIS REQUESTED		REMARKS		No # of Containers	
PHONE: _____		FAX: _____		SIGNATURE: <u>CL Berry</u>		PRESERVATION (See codes)		Visit our website <u>www.aesatlanta.com</u> to check on the status of your results, place bottle orders, etc.	
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)		REMARKS
		DATE	TIME				N	I	
1	PSP-PIT-01	6/18	1330	X		SW			
2	PSP-POND01-W	6/18	1340	X					
3	PSP-POND02-W	6/18	1345	X					
4	PSP-PIT01-W	6/18	1330	X		SW			
5	PSP-POND01-SED	6/18	1340	X		SE			
6	PSP-POND02-SED	6/18	1345	X					
7	PSP-117	6/18	1415	X					
8	PSP-118	6/18	1430	X					
9									
10									
11									
12									
13									
14									

  

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
1: <u>CL Berry</u>	6/19 0940	1: <u>[Signature]</u>	6-19-10 9:40	PROJECT NAME: <u>Powder Spring Plant</u> PROJECT #: <u>1030X90170001.0112.3002</u> SITE ADDRESS: _____	Total # of Containers: <u>10</u>
2: _____		2: _____			Turnaround Time Request Standard 5 Business Days 2 Business Day Rush Next Business Day Rush Same Day Rush (auth req.) Other
3: _____		3: _____			

  

SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT METHOD	OUT	IN	CLIENT	FedEx	UPS	MAIL	COURIER	OTHER

  

STATE PROGRAM (if any):	E-mail? Y / N:	Fax? Y / N:	DATA PACKAGE:
			I II III IV

QUOTE #: \_\_\_\_\_ PO#: \_\_\_\_\_

SEND REPORT TO: Jessica Vickers

INVOICE TO: \_\_\_\_\_ (IF DIFFERENT FROM ABOVE)

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water  
PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+1 = Sulfuric acid + ice S/M+1 = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

**Date:** 23-Jun-10

**Client Sample ID:** PSP-POND01-W  
**Collection Date:** 6/18/2010 1:40:00 PM  
**Matrix:** Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Mercury, Total	SW7470A				(SW7470)				
Mercury	BRL		0.00013	0.00020	mg/L	131149	1	06/21/2010 17:33	MP
Hexavalent Chromium in Water	SW7196								
Chromium, Hexavalent	0.00560	J	0.00220	0.0100	mg/L	R174529	1	06/19/2010 13:06	VS
METALS, TOTAL	SW6010C				(SW3010A)				
Arsenic	BRL		0.0038	0.0500	mg/L	131116	1	06/21/2010 21:51	MW
Barium	0.999		0.0016	0.0200	mg/L	131116	1	06/21/2010 21:51	MW
Cadmium	BRL		0.0006	0.0050	mg/L	131116	1	06/21/2010 21:51	MW
Chromium	0.0337		0.0013	0.0100	mg/L	131116	1	06/21/2010 21:51	MW
Lead	0.0199		0.0019	0.0100	mg/L	131116	1	06/21/2010 21:51	MW
Selenium	BRL		0.0031	0.0200	mg/L	131116	1	06/21/2010 21:51	MW
Silver	BRL		0.0009	0.0100	mg/L	131116	1	06/21/2010 21:51	MW

E	Estimated value above quantitation range
S	Spike Recovery outside limits due to matrix
J	Estimated value detected below Reporting Limit
>	Greater than Result value
<	Less than Result value

**Analytical Environmental Services, Inc**
**Date:** 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-POND02-W
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 1:45:00 PM
<b>Lab ID:</b> 1006H79-002	<b>Matrix:</b> Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>Mercury, Total SW7470A</b>									
				<b>(SW7470)</b>					
Mercury	BRL		0.00013	0.00020	mg/L	131149	1	06/21/2010 17:35	MP
<b>Hexavalent Chromium in Water SW7196</b>									
Chromium, Hexavalent	0.0216		0.00220	0.0100	mg/L	R174529	1	06/19/2010 13:06	VS
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3010A)</b>					
Arsenic	BRL		0.0038	0.0500	mg/L	131116	1	06/21/2010 21:55	MW
Barium	0.364		0.0016	0.0200	mg/L	131116	1	06/21/2010 21:55	MW
Cadmium	BRL		0.0006	0.0050	mg/L	131116	1	06/21/2010 21:55	MW
Chromium	0.0443		0.0013	0.0100	mg/L	131116	1	06/21/2010 21:55	MW
Lead	0.0300		0.0019	0.0100	mg/L	131116	1	06/21/2010 21:55	MW
Selenium	BRL		0.0031	0.0200	mg/L	131116	1	06/21/2010 21:55	MW
Silver	BRL		0.0009	0.0100	mg/L	131116	1	06/21/2010 21:55	MW

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value

**Analytical Environmental Services, Inc**
**Date:** 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-PIT01-W
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 1:30:00 PM
<b>Lab ID:</b> 1006H79-003	<b>Matrix:</b> Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>Mercury, Total SW7470A</b>									
				<b>(SW7470)</b>					
Mercury	BRL		0.00013	0.00020	mg/L	131149	1	06/21/2010 17:37	MP
<b>Hexavalent Chromium in Water SW7196</b>									
Chromium, Hexavalent	19.2		0.220	1.00	mg/L	R174529	100	06/19/2010 13:06	VS
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3010A)</b>					
Arsenic	0.0092	J	0.0038	0.0500	mg/L	131116	1	06/21/2010 21:58	MW
Barium	0.0192	J	0.0016	0.0200	mg/L	131116	1	06/21/2010 21:58	MW
Cadmium	BRL		0.0006	0.0050	mg/L	131116	1	06/21/2010 21:58	MW
Chromium	24.5		0.0013	0.0100	mg/L	131116	1	06/21/2010 21:58	MW
Lead	BRL		0.0019	0.0100	mg/L	131116	1	06/21/2010 21:58	MW
Selenium	BRL		0.0031	0.0200	mg/L	131116	1	06/21/2010 21:58	MW
Silver	BRL		0.0009	0.0100	mg/L	131116	1	06/21/2010 21:58	MW

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value

## Analytical Environmental Services, Inc

Date: 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-POND01-SED
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 1:40:00 PM
<b>Lab ID:</b> 1006H79-004	<b>Matrix:</b> Sediment

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TOTAL MERCURY SW7471B</b>									
				<b>(SW7471)</b>					
Mercury	BRL		0.0683	0.220	mg/Kg-dry	131210	1	06/22/2010 13:57	MP
<b>Hexavalent Chromium in Soil SW7196</b>									
				<b>(SW3060A)</b>					
Chromium, Hexavalent	BRL		1.23	2.05	mg/Kg-dry	131205	1	06/22/2010 17:00	CG
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3050B)</b>					
Arsenic	0.570	J	0.145	9.64	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Barium	121		0.0594	9.64	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Cadmium	0.241	J	0.164	4.82	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Chromium	37.1		0.157	4.82	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Lead	21.3		0.315	9.64	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Selenium	3.82	J	0.345	9.64	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
Silver	BRL		0.0382	4.82	mg/Kg-dry	131117	1	06/21/2010 14:30	TA
<b>PERCENT MOISTURE D2216</b>									
Percent Moisture	55.7		0	0	wt%	R174499	1	06/22/2010 10:30	AS

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value

## Analytical Environmental Services, Inc

Date: 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-POND02-SED
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 1:45:00 PM
<b>Lab ID:</b> 1006H79-005	<b>Matrix:</b> Sediment

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TOTAL MERCURY SW7471B</b>									
				<b>(SW7471)</b>					
Mercury	BRL		0.0757	0.243	mg/Kg-dry	131210	1	06/22/2010 13:59	MP
<b>Hexavalent Chromium in Soil SW7196</b>									
				<b>(SW3060A)</b>					
Chromium, Hexavalent	BRL		1.38	2.32	mg/Kg-dry	131205	1	06/22/2010 17:00	CG
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3050B)</b>					
Arsenic	0.191	J	0.140	9.31	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Barium	139		0.0573	9.31	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Cadmium	BRL		0.159	4.65	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Chromium	39.5		0.151	4.65	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Lead	22.4		0.304	9.31	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Selenium	2.66	J	0.333	9.31	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
Silver	BRL		0.0368	4.65	mg/Kg-dry	131117	1	06/21/2010 14:33	TA
<b>PERCENT MOISTURE D2216</b>									
Percent Moisture	60.0		0	0	wt%	R174499	1	06/22/2010 10:30	AS

**Qualifiers:**

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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value

## Analytical Environmental Services, Inc

Date: 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-117
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 2:15:00 PM
<b>Lab ID:</b> 1006H79-006	<b>Matrix:</b> Sediment

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TOTAL MERCURY SW7471B</b>									
				<b>(SW7471)</b>					
Mercury	0.0619	J	0.0468	0.150	mg/Kg-dry	131210	1	06/22/2010 14:02	MP
<b>Hexavalent Chromium in Soil SW7196</b>									
				<b>(SW3060A)</b>					
Chromium, Hexavalent	24.7		0.900	1.51	mg/Kg-dry	131205	1	06/22/2010 17:00	CG
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3050B)</b>					
Arsenic	2.43	J	0.0852	5.65	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Barium	97.4		0.0348	5.65	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Cadmium	0.605	J	0.0963	2.83	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Chromium	805		0.0920	2.83	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Lead	439		0.184	5.65	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Selenium	2.68	J	0.202	5.65	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
Silver	BRL		0.0224	2.83	mg/Kg-dry	131117	1	06/21/2010 14:12	TA
<b>PERCENT MOISTURE D2216</b>									
Percent Moisture	34.9		0	0	wt%	R174499	1	06/22/2010 10:30	AS

**Qualifiers:**

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- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value



## Analytical Environmental Services, Inc

Date: 23-Jun-10

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> PSP-118
<b>Project Name:</b> Powder Springs Plating	<b>Collection Date:</b> 6/18/2010 2:30:00 PM
<b>Lab ID:</b> 1006H79-007	<b>Matrix:</b> Sediment

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
<b>TOTAL MERCURY SW7471B</b>									
				<b>(SW7471)</b>					
Mercury	BRL		0.0485	0.156	mg/Kg-dry	131210	1	06/22/2010 14:04	MP
<b>Hexavalent Chromium in Soil SW7196</b>									
				<b>(SW3060A)</b>					
Chromium, Hexavalent	BRL		0.935	1.56	mg/Kg-dry	131205	1	06/22/2010 17:00	CG
<b>METALS, TOTAL SW6010C</b>									
				<b>(SW3050B)</b>					
Arsenic	2.04	J	0.0883	5.85	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Barium	69.2		0.0361	5.85	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Cadmium	0.152	J	0.0998	2.93	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Chromium	44.6		0.0953	2.93	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Lead	13.8		0.191	5.85	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Selenium	1.95	J	0.209	5.85	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
Silver	BRL		0.0232	2.93	mg/Kg-dry	131117	1	06/21/2010 14:37	TA
<b>PERCENT MOISTURE D2216</b>									
Percent Moisture	36.1		0	0	wt%	R174499	1	06/22/2010 10:30	AS

**Qualifiers:**

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- E Estimated value above quantitation range
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- > Greater than Result value
- < Less than Result value

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Tetra Tech Work Order Number 1006+179

Checklist completed by M.D. Date 6/19/10  
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ( $4^{\circ}\text{C} \pm 2$ )\* Yes ☒ No ☐

Cooler #1 3.6c Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

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 ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Sample Condition: Good ☒ Adjusted? ☐ Other(Explain) ☐ Checked by M.D.

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample\_Cooler\_Receipt\_Checklist

Client: Tetra Tech EM Inc.  
 Project: Powder Springs Plating  
 Lab Order: 1006H79

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1006H79-001A	PSP-POND01-W	6/18/2010 1:40:00PM	Surface Water	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-001A	PSP-POND01-W	6/18/2010 1:40:00PM	Surface Water	TOTAL MERCURY		06/21/2010	06/21/2010
1006H79-001B	PSP-POND01-W	6/18/2010 1:40:00PM	Surface Water	Hexavalent Chromium			06/19/2010
1006H79-002A	PSP-POND02-W	6/18/2010 1:45:00PM	Surface Water	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-002A	PSP-POND02-W	6/18/2010 1:45:00PM	Surface Water	TOTAL MERCURY		06/21/2010	06/21/2010
1006H79-002B	PSP-POND02-W	6/18/2010 1:45:00PM	Surface Water	Hexavalent Chromium			06/19/2010
1006H79-003A	PSP-PIT01-W	6/18/2010 1:30:00PM	Surface Water	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-003A	PSP-PIT01-W	6/18/2010 1:30:00PM	Surface Water	TOTAL MERCURY		06/21/2010	06/21/2010
1006H79-003B	PSP-PIT01-W	6/18/2010 1:30:00PM	Surface Water	Hexavalent Chromium			06/19/2010
1006H79-004A	PSP-POND01-SED	6/18/2010 1:40:00PM	Sediment	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-004A	PSP-POND01-SED	6/18/2010 1:40:00PM	Sediment	Hexavalent Chromium-Soils		06/21/2010	06/22/2010
1006H79-004A	PSP-POND01-SED	6/18/2010 1:40:00PM	Sediment	MERCURY		06/22/2010	06/22/2010
1006H79-004A	PSP-POND01-SED	6/18/2010 1:40:00PM	Sediment	PERCENT MOISTURE			06/22/2010
1006H79-005A	PSP-POND02-SED	6/18/2010 1:45:00PM	Sediment	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-005A	PSP-POND02-SED	6/18/2010 1:45:00PM	Sediment	Hexavalent Chromium-Soils		06/21/2010	06/22/2010
1006H79-005A	PSP-POND02-SED	6/18/2010 1:45:00PM	Sediment	MERCURY		06/22/2010	06/22/2010
1006H79-005A	PSP-POND02-SED	6/18/2010 1:45:00PM	Sediment	PERCENT MOISTURE			06/22/2010
1006H79-006A	PSP-117	6/18/2010 2:15:00PM	Sediment	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-006A	PSP-117	6/18/2010 2:15:00PM	Sediment	Hexavalent Chromium-Soils		06/21/2010	06/22/2010
1006H79-006A	PSP-117	6/18/2010 2:15:00PM	Sediment	MERCURY		06/22/2010	06/22/2010
1006H79-006A	PSP-117	6/18/2010 2:15:00PM	Sediment	PERCENT MOISTURE			06/22/2010
1006H79-007A	PSP-118	6/18/2010 2:30:00PM	Sediment	TOTAL METALS BY ICP		06/19/2010	06/21/2010
1006H79-007A	PSP-118	6/18/2010 2:30:00PM	Sediment	Hexavalent Chromium-Soils		06/21/2010	06/22/2010
1006H79-007A	PSP-118	6/18/2010 2:30:00PM	Sediment	MERCURY		06/22/2010	06/22/2010
1006H79-007A	PSP-118	6/18/2010 2:30:00PM	Sediment	PERCENT MOISTURE			06/22/2010

Client: Tetra Tech EM Inc.  
 Project Name: Powder Springs Plating  
 Workorder: 1006H79

## ANALYTICAL QC SUMMARY REPORT

BatchID: 131116

Sample ID: <b>MB-131116</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>174430</b>			
SampleType: <b>MBLK</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131116</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3627219</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0500	0	0	0	0	0	0	0	0	
Barium	BRL	0.0200	0	0	0	0	0	0	0	0	
Cadmium	BRL	0.0050	0	0	0	0	0	0	0	0	
Chromium	BRL	0.0100	0	0	0	0	0	0	0	0	
Lead	BRL	0.0100	0	0	0	0	0	0	0	0	
Selenium	BRL	0.0200	0	0	0	0	0	0	0	0	
Silver	BRL	0.0100	0	0	0	0	0	0	0	0	

Sample ID: <b>LCS-131116</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>174430</b>			
SampleType: <b>LCS</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131116</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3627216</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.082	0.0500	1	0	108	85	115	0	0	0	
Barium	1.052	0.0200	1	0	105	85	115	0	0	0	
Cadmium	1.079	0.0050	1	0	108	85	115	0	0	0	
Chromium	1.058	0.0100	1	0	106	85	115	0	0	0	
Lead	1.067	0.0100	1	0	107	85	115	0	0	0	
Selenium	1.092	0.0200	1	0	109	85	115	0	0	0	
Silver	0.1064	0.0100	0.1	0	106	85	115	0	0	0	

Sample ID: <b>1006G01-001BMS</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>174430</b>			
SampleType: <b>MS</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>	BatchID: <b>131116</b>				Analysis Date: <b>06/21/2010</b>	Seq No: <b>3627226</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.060	0.0500	1	0	106	75	125	0	0	0	
Barium	1.050	0.0200	1	0.03477	101	75	125	0	0	0	
Cadmium	1.044	0.0050	1	0	104	75	125	0	0	0	
Chromium	1.051	0.0100	1	0.001804	105	75	125	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Powder Springs Plating  
Workorder: 1006H79

ANALYTICAL QC SUMMARY REPORT

BatchID: 131116

Sample ID: <b>1006G01-001BMS</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>174430</b>			
SampleType: <b>MS</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131116</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3627226</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	1.021	0.0100	1	0	102	75	125	0	0	0	
Selenium	1.066	0.0200	1	0	107	75	125	0	0	0	
Silver	0.1034	0.0100	0.1	0	103	75	125	0	0	0	

Sample ID: 1006G01-001BMSD	Client ID:					Units: mg/L	Prep Date: 06/19/2010	Run No: 174430			
SampleType: MSD	TestCode: METALS, TOTAL SW6010C					BatchID: 131116	Analysis Date: 06/21/2010	Seq No: 3627228			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.077	0.0500	1	0	108	75	125	1.060	1.56	20	
Barium	1.065	0.0200	1	0.03477	103	75	125	1.050	1.46	20	
Cadmium	1.061	0.0050	1	0	106	75	125	1.044	1.68	20	
Chromium	1.065	0.0100	1	0.001804	106	75	125	1.051	1.37	20	
Lead	1.038	0.0100	1	0	104	75	125	1.021	1.71	20	
Selenium	1.084	0.0200	1	0	108	75	125	1.066	1.66	20	
Silver	0.1047	0.0100	0.1	0	105	75	125	0.1034	1.2	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

**Client:** Tetra Tech EM Inc.  
**Project Name:** Powder Springs Plating  
**Workorder:** 1006H79

**ANALYTICAL QC SUMMARY REPORT****BatchID: 131117**

Sample ID: <b>MB-131117</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>173988</b>			
SampleType: <b>MBLK</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131117</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3625986</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00	0	0	0	0	0	0	0	0	
Barium	BRL	5.00	0	0	0	0	0	0	0	0	
Cadmium	BRL	2.50	0	0	0	0	0	0	0	0	
Chromium	0.1860	2.50	0	0	0	0	0	0	0	0	J
Lead	BRL	5.00	0	0	0	0	0	0	0	0	
Selenium	0.1988	5.00	0	0	0	0	0	0	0	0	J
Silver	BRL	2.50	0	0	0	0	0	0	0	0	

Sample ID: <b>LCS-131117</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>173988</b>			
SampleType: <b>LCS</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131117</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3625981</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	54.51	5.00	50	0	109	80	120	0	0	0	
Barium	53.22	5.00	50	0	106	80	120	0	0	0	
Cadmium	52.84	2.50	50	0	106	80	120	0	0	0	
Chromium	54.09	2.50	50	0.1860	108	80	120	0	0	0	
Lead	53.02	5.00	50	0	106	80	120	0	0	0	
Selenium	54.25	5.00	50	0.1988	108	80	120	0	0	0	
Silver	5.226	2.50	5	0	105	80	120	0	0	0	

Sample ID: <b>1006H79-006AMS</b>	Client ID: <b>PSP-117</b>					Units: <b>mg/Kg-dry</b>	Prep Date: <b>06/19/2010</b>	Run No: <b>173988</b>			
SampleType: <b>MS</b>	TestCode: <b>METALS, TOTAL</b>	<b>SW6010C</b>				BatchID: <b>131117</b>	Analysis Date: <b>06/21/2010</b>	Seq No: <b>3625995</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	60.96	5.67	56.72	2.430	103	75	125	0	0	0	
Barium	163.4	5.67	56.72	97.38	116	75	125	0	0	0	
Cadmium	55.72	2.84	56.72	0.6053	97.2	75	125	0	0	0	
Chromium	678.6	2.84	56.72	805.4	-224	75	125	0	0	0	S

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Powder Springs Plating  
Workorder: 1006H79

ANALYTICAL QC SUMMARY REPORT

BatchID: 131117

Sample ID: 1006H79-006AMS	Client ID: PSP-117	Units: mg/Kg-dry			Prep Date: 06/19/2010	Run No: 173988					
SampleType: MS	TestCode: METALS, TOTAL SW6010C	BatchID: 131117			Analysis Date: 06/21/2010	Seq No: 3625995					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	98.07	5.67	56.72	438.8	-601	75	125	0	0	0	S
Selenium	59.94	5.67	56.72	2.685	101	75	125	0	0	0	
Silver	5.195	2.84	5.672	0	91.6	75	125	0	0	0	

Sample ID: 1006H79-006AMSD	Client ID: PSP-117	Units: mg/Kg-dry	Prep Date: 06/19/2010	Run No: 173988							
SampleType: MSD	TestCode: METALS, TOTAL SW6010C	BatchID: 131117	Analysis Date: 06/21/2010	Seq No: 3626032							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	63.29	5.67	56.75	2.430	107	75	125	60.96	3.76	20	
Barium	158.9	5.67	56.75	97.38	108	75	125	163.4	2.79	20	
Cadmium	55.20	2.84	56.75	0.6053	96.2	75	125	55.72	0.921	20	
Chromium	669.6	2.84	56.75	805.4	-239	75	125	678.6	1.34	20	S
Lead	88.28	5.67	56.75	438.8	-618	75	125	98.07	10.5	20	S
Selenium	58.93	5.67	56.75	2.685	99.1	75	125	59.94	1.7	20	
Silver	5.238	2.84	5.675	0	92.3	75	125	5.195	0.836	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Powder Springs Plating  
 Workorder: 1006H79

## ANALYTICAL QC SUMMARY REPORT

BatchID: 131149

Sample ID: <b>MB-131149</b>	Client ID:				Units: <b>mg/L</b>	Prep Date: <b>06/21/2010</b>	Run No: <b>174409</b>				
SampleType: <b>MBLK</b>	TestCode: <b>Mercury, Total</b>	<b>SW7470A</b>	BatchID: <b>131149</b>			Analysis Date: <b>06/21/2010</b>	Seq No: <b>3626708</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	BRL	0.00020	0	0	0	0	0	0	0	0	
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Sample ID: <b>LCS-131149</b>	Client ID:				Units: <b>mg/L</b>	Prep Date: <b>06/21/2010</b>	Run No: <b>174409</b>				
SampleType: <b>LCS</b>	TestCode: <b>Mercury, Total</b>	<b>SW7470A</b>	BatchID: <b>131149</b>			Analysis Date: <b>06/21/2010</b>	Seq No: <b>3626710</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.004676	0.00020	0.005	0	93.5	85	115	0	0	0	
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Sample ID: <b>1006E97-021AMS</b>		Client ID:			Units: <b>mg/L</b>		Prep Date: <b>06/21/2010</b>		Run No: <b>174409</b>		
SampleType: <b>MS</b>		TestCode: <b>Mercury, Total SW7470A</b>			BatchID: <b>131149</b>		Analysis Date: <b>06/21/2010</b>		Seq No: <b>3626738</b>		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.004604	0.00020	0.005	0	92.1	70	130	0	0	0	
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Sample ID: <b>1006E97-021AMSD</b>		Client ID:		Units: <b>mg/L</b>		Prep Date: <b>06/21/2010</b>		Run No: <b>174409</b>			
SampleType: <b>MSD</b>		TestCode: <b>Mercury, Total SW7470A</b>		BatchID: <b>131149</b>		Analysis Date: <b>06/21/2010</b>		Seq No: <b>3626740</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.004564	0.00020	0.005	0	91.3	70	130	0.004604	0.871	20	
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<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



Client: Tetra Tech EM Inc.  
 Project Name: Powder Springs Plating  
 Workorder: 1006H79

## ANALYTICAL QC SUMMARY REPORT

BatchID: 131205

Sample ID: <b>MB-131205</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>06/21/2010</b>	Run No: <b>174522</b>			
SampleType: <b>MBLK</b>	TestCode: <b>Hexavalent Chromium in Soil</b>	<b>SW7196</b>	BatchID: <b>131205</b>				Analysis Date: <b>06/22/2010</b>	Seq No: <b>3629047</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chromium, Hexavalent BRL 2.00 0 0 0 0 0 0 0 0 0

Sample ID: <b>LCS-131205</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>06/21/2010</b>	Run No: <b>174522</b>			
SampleType: <b>LCS</b>	TestCode: <b>Hexavalent Chromium in Soil</b>	<b>SW7196</b>	BatchID: <b>131205</b>				Analysis Date: <b>06/22/2010</b>	Seq No: <b>3629048</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chromium, Hexavalent 95.60 2.00 100 0 95.6 80 120 0 0 0

Sample ID: <b>1006H79-004AMS</b>	Client ID: <b>PSP-POND01-SED</b>					Units: <b>mg/Kg-dry</b>	Prep Date: <b>06/21/2010</b>	Run No: <b>174522</b>			
SampleType: <b>MS</b>	TestCode: <b>Hexavalent Chromium in Soil</b>	<b>SW7196</b>					BatchID: <b>131205</b>	Analysis Date: <b>06/22/2010</b>	Seq No: <b>3629055</b>		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chromium, Hexavalent 158.1 4.18 209 0 75.6 75 125 0 0 0

Sample ID: <b>1006H79-004AMSD</b>	Client ID: <b>PSP-POND01-SED</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>06/21/2010</b>	Run No: <b>174522</b>				
SampleType: <b>MSD</b>	TestCode: <b>Hexavalent Chromium in Soil SW7196</b>	BatchID: <b>131205</b>				Analysis Date: <b>06/22/2010</b>	Seq No: <b>3629057</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chromium, Hexavalent 154.1 4.18 209 0 73.7 75 125 158.1 2.54 20 S

<b>Qualifiers:</b>	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Tetra Tech EM Inc.  
Project Name: Powder Springs Plating  
Workorder: 1006H79

ANALYTICAL QC SUMMARY REPORT

BatchID: 131210

Sample ID: <b>MB-131210</b>	Client ID:	Units: <b>mg/Kg</b>				Prep Date: <b>06/22/2010</b>	Run No: <b>174487</b>				
SampleType: <b>MBLK</b>	TestCode: <b>TOTAL MERCURY</b>	BatchID: <b>131210</b>				Analysis Date: <b>06/22/2010</b>	Seq No: <b>3628149</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	BRL	0.100	0	0	0	0	0	0	0	0	
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Sample ID: <b>LCS-131210</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>06/22/2010</b>	Run No: <b>174487</b>			
SampleType: <b>LCS</b>	TestCode: <b>TOTAL MERCURY</b>	<b>SW7471B</b>				BatchID: <b>131210</b>	Analysis Date: <b>06/22/2010</b>	Seq No: <b>3628152</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.4047	0.100	0.4	0	101	80	120	0	0	0	
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Sample ID: <b>1006121-001AMS</b>	Client ID:					Units: <b>mg/Kg-dry</b>	Prep Date: <b>06/22/2010</b>	Run No: <b>174487</b>			
SampleType: <b>MS</b>	TestCode: <b>TOTAL MERCURY</b>	<b>SW7471B</b>				BatchID: <b>131210</b>	Analysis Date: <b>06/22/2010</b>	Seq No: <b>3628156</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.4607	0.121	0.4856	0	94.9	70	130	0	0	0	
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Sample ID: <b>1006121-001AMSD</b>	Client ID:					Units: <b>mg/Kg-dry</b>	Prep Date: <b>06/22/2010</b>	Run No: <b>174487</b>			
SampleType: <b>MSD</b>	TestCode: <b>TOTAL MERCURY</b>	<b>SW7471B</b>				BatchID: <b>131210</b>	Analysis Date: <b>06/22/2010</b>	Seq No: <b>3628161</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.4651	0.122	0.4866	0	95.6	70	130	0.4607	0.937	30	
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Powder Springs Plating  
Workorder: 1006H79

ANALYTICAL QC SUMMARY REPORT

BatchID: R174529

Sample ID: MB-R174529	Client ID:					Units: mg/L	Prep Date:		Run No: 174529		
SampleType: MBLK	TestCode: Hexavalent Chromium in Water	SW7196				BatchID: R174529	Analysis Date: 06/19/2010		Seq No: 3629116		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.0100	0	0	0	0	0	0	0	0	

Sample ID: LCS-R174529	Client ID:					Units: mg/L	Prep Date:		Run No: 174529		
SampleType: LCS	TestCode: Hexavalent Chromium in Water	SW7196				BatchID: R174529	Analysis Date: 06/19/2010		Seq No: 3629117		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5141	0.0100	0.5	0	103	90	110	0	0	0	

Sample ID: 1006H79-001BMS	Client ID: PSP-POND01-W					Units: mg/L	Prep Date:		Run No: 174529		
SampleType: MS	TestCode: Hexavalent Chromium in Water	SW7196				BatchID: R174529	Analysis Date: 06/19/2010		Seq No: 3629121		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5230	0.0100	0.5	0.005600	103	85	115	0	0	0	

Sample ID: 1006H79-001BMSD	Client ID: PSP-POND01-W					Units: mg/L	Prep Date:		Run No: 174529		
SampleType: MSD	TestCode: Hexavalent Chromium in Water	SW7196				BatchID: R174529	Analysis Date: 06/19/2010		Seq No: 3629123		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5182	0.0100	0.5	0.005600	103	85	115	0.5230	0.922	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		