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May 24, 2010

Greg Dunn  
Voluntary Site Remediation Unit B  
Remedial Project Management Section  
Division of Remediation Management  
1021 North Grand Ave East  
P.O. Box 19276  
Springfield, IL 62794-9276



Dear Greg:

**Subject: Groundwater Monitoring Update – 1<sup>st</sup> Quarter 2010 Sampling Event  
Champaign Former MGP Site, Champaign, Illinois**

On behalf of Ameren, Kelron Environmental (Kelron) and PSC Industrial Outsourcing, LP (PSC) have completed the first quarter 2010 groundwater sampling event at the Champaign Former Manufactured Gas Plant (MGP) Site, located at 308 N. 5<sup>th</sup> Street in Champaign, Illinois. This report discusses the analytical results of the quarterly groundwater monitoring event conducted in March 2010.

## INTRODUCTION

The first quarterly groundwater monitoring event of 2010 was conducted from March 8 – 10. Samples were collected from 23 groundwater monitoring wells located both on and off-site. The samples were shipped to Teklab, Inc. (Teklab) in Collinsville, Illinois for analysis. Samples were analyzed for the following MGP-related compounds: the volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX); polynuclear aromatic hydrocarbons (PAHs); and, total cyanide (cyanide). Greg Dunn of IEPA was present during the sampling to collect split samples on behalf of IEPA.

Three new monitoring wells, installed during February 2010, were sampled for the first time in March 2010. One well, UMW-106R (shown on Figure 1), is a replacement well for former well UMW-106, which was properly sealed and abandoned in order for a new water-line which was constructed by Illinois American Water Company (IAWC) in November 2009. Two wells, UMW-122 and UMW-123, were installed at the request of IEPA to provide further definition of the extent of cyanide impacts in groundwater to the southwest of the former

MGP site. The groundwater results for these wells are discussed in the following section.

Groundwater monitoring results for constituents exceeding Illinois Environmental Protection Agency (IEPA) Class I groundwater standards are shown on Figure 1 of Attachment 1. Groundwater data from May 2008 through March 2010 are provided in Attachment 2 and the laboratory analytical report from Teklab is provided in Attachment 3. Field duplicates were collected from wells UMW-302 and UMW-307, with the duplicates identified as UMW-902 and UMW-907 on the laboratory analytical report, respectively. For wells which had duplicate samples collected and analyzed, the groundwater data presented in Figure 1 and Attachment 2 show the higher of the two concentrations.

A laboratory error occurred during the analysis of cyanide in the primary and duplicate groundwater samples collected at well UMW-307 (sample ID's UMW-307 and UMW-907), therefore, Teklab re-analyzed the samples and issued a revised report, which is included with Attachment 3. Although the re-analysis of these samples for cyanide was outside of the holding time, the reported cyanide concentration of 0.009 milligrams per Liter (mg/L) is consistent with concentrations reported from the seven prior sampling events at this well, which have ranged from less than 0.007 mg/L to a maximum concentration of 0.019 mg/L. The Class I groundwater standard for cyanide is 0.2 mg/L.

## **GROUNDWATER MONITORING RESULTS**

Figure 1 (Attachment 1) summarizes those wells and constituents which had an exceedance of at least one Class I groundwater standard based on the March 2010 sampling event. Four of the 23 monitoring wells currently being sampled had at least one MGP-related constituent exceeding Class I standards. Three shallow water-table wells (UMW-107, UMW-115, and UMW-121) had cyanide concentrations above the Class I standard of 0.2 mg/L. None of these wells had any organic compounds (i.e., BTEX or PAHs) with an exceedance of Class I standards in this most recent sampling event. Only one well, intermediate depth well UMW-302 sampled in March 2010 had an exceedance of Class I standards for BTEX or PAHs. None of the remaining 17 shallow monitoring wells, either on or surrounding the former MGP site, had an exceedance of cyanide, BTEX or PAH compounds in the March 2010 event.

Cyanide exceeded the Class I standard at on-site monitoring well UMW-115 with a concentration of 0.406 mg/L (Figure 1). Impacted soil in this area of the former MGP site has not been remediated but is planned for excavation in late 2010 to early 2011.

Cyanide also exceeded the Class I standard to the west along Hill Street at well UMW-107 with a concentration of 0.232 mg/L, but monitoring wells located immediately west (UMW-116) and north (UMW-117) had cyanide concentrations below the Class I standard at 0.015 and less than 0.007 mg/L. Cyanide also exceeded the Class I standard at well UMW-121, located south of the former MGP

site, with a concentration of 0.398 mg/L. This well is located south of a portion of the site that is also planned for remediation via excavation during late 2010. Monitoring well UMW-105, located at the house immediately west of UMW-121, had a cyanide groundwater concentration of 0.125 mg/L which is below the Class I standard.

The only well location with an exceedance of an organic constituent (BTEX or PAHs) in March 2010 was intermediate depth well UMW-302, which had benzene and naphthalene concentrations of 370 and 2,200 ug/L, respectively. This intermediate depth well, screened 35 to 45 feet below ground surface and separated from the adjacent shallow well UMW-121 by over 20 vertical feet of silty clay, was the only well monitored in March 2010 that had an organic constituent exceedance of Class I standards. The other intermediate screened wells located downgradient of this well - UMW-305, UMW-306, and UMW-307 – have not had an exceedance in the eight quarterly monitoring events since first installed and monitored in mid-2008.

Three new monitoring wells were installed west and southwest of the former MGP site to further delineate cyanide impacts in off-site groundwater. Cyanide groundwater concentrations in March 2010 were 0.138, 0.122 and below 0.007 mg/L, at wells UMW-106R, UMW-122, and UMW-123, respectively. During March 2010 there was no cyanide or other exceedances southwest of the site on the west side of Fifth Street and south of Hill Street.

## CONCLUSIONS

Based on the data collected during March 2010 there is a limited area of groundwater with any Class I exceedances of cyanide, BTEX, or PAHs. The only shallow (i.e., water-table) monitoring wells of the 17 being sampled (one on-site and 16 off-site) with a Class I groundwater exceedance were UMW-107 and UMW-121 located off-site and UMW-115 located on-site. These three wells, nor the other 14 shallow monitoring wells surrounding the former MGP site, had an exceedance of any of the organic constituents being monitored (BTEX and PAHs). We expect that as remediation continues into 2010 and 2011 that groundwater quality will continue to improve, although seasonal changes in precipitation and subsequent groundwater levels will still cause some constituent concentrations to fluctuate up and down. However, the long-term trend in both cyanide and organic constituent concentrations will continue to be downward.

Deeper groundwater quality, as represented by the 300-series wells screened in the intermediate depth groundwater unit, has had no organic constituent exceedances of the Class I standard except at well UMW-302, located south of the site. None of the intermediate wells has had a cyanide exceedance in groundwater for eight consecutive monitoring events from July 2008 through March 2010. Ameren and its consultants recommend that no changes be made to the current quarterly monitoring schedule, number of monitoring wells, or constituents being monitored,i.e, total cyanide, BTEX, and PAHs. We have defined the extent of on-site and off-site groundwater impacts with our existing monitoring well network,

the replacement of UMW-106 and the addition of UMW-122 and UMW-123, as approved by IEPA. No additional monitoring wells or analytical parameters are necessary to delineate the extent of MGP-related organic or inorganic groundwater impacts.

The next quarterly groundwater sampling event will be conducted during June 2010.

Should you have any questions about the material presented in this summary letter, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads "Brian H. Martin".

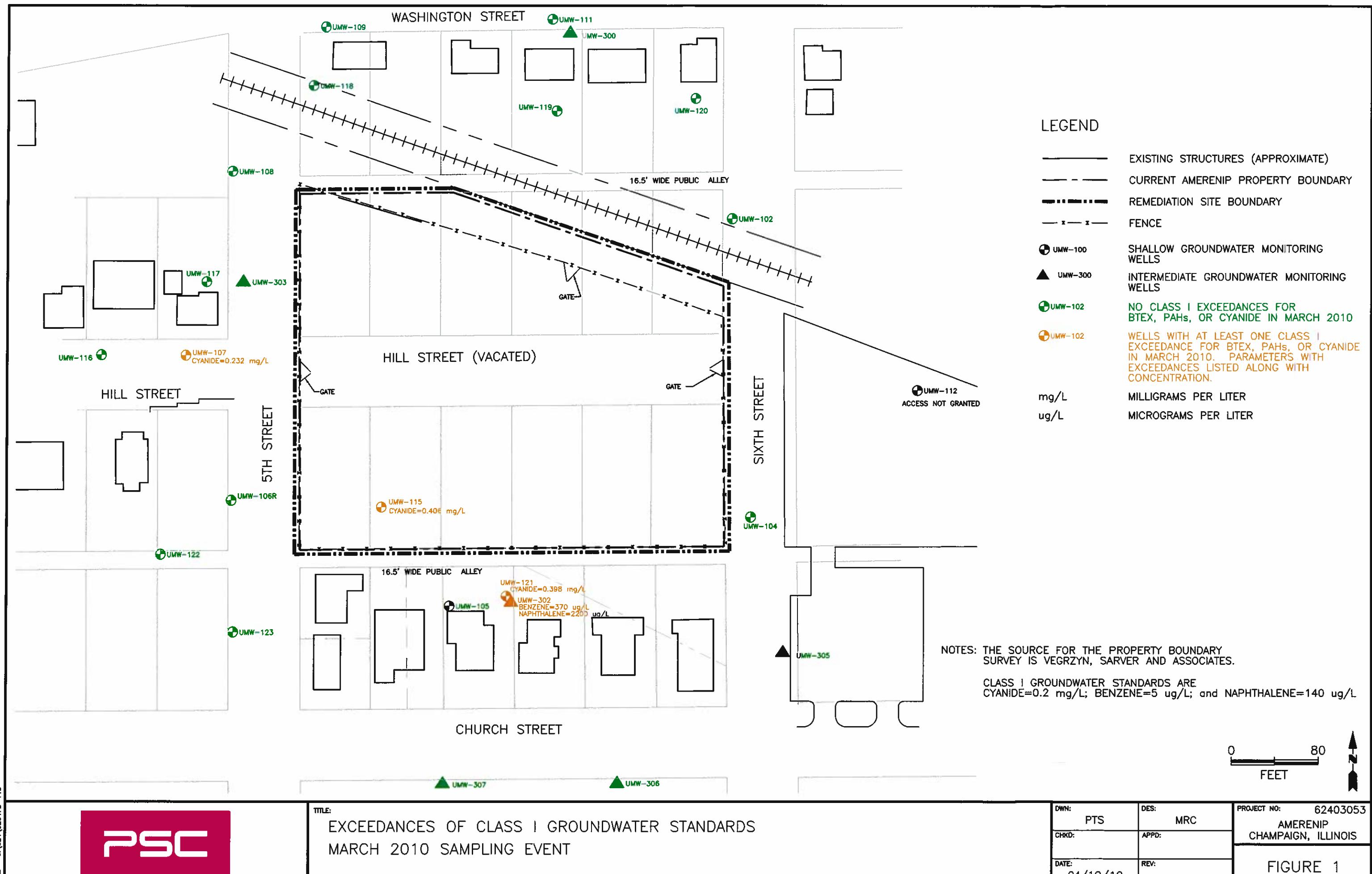
Brian H. Martin, CHMM  
Consulting Environmental Scientist

- Attachments:
1. Figure 1
  2. Groundwater Data from May 2008 through March 2010
  4. Laboratory Analytical Reports and Chain of Custodies

cc: Pete Sazama, PSC  
Stu Cravens  
Stan Black

## **Attachment 1**

Figure 1



## **Attachment 2**

Groundwater Data from April 2008 through March 2010

## CH MGP Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010

## CH MGP

## Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range:: 04/01/2008 to 03/30/2010

		2-Methylnaphthalene, ug/L	Acenaphthene, Acenaphthylene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-107	03/09/2010	<0.100	<0.100	<0.100	0.500	<0.100
UMW-108	05/20/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/17/2008		<0.100	<0.100	<2.000	<0.100
	12/09/2008		<0.100	<0.100	<2.000	<0.100
	03/18/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/08/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	03/09/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-109	05/22/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/17/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/11/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-111A	05/22/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/17/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/18/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/08/2009	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-115	05/20/2008	<10.000	3.900	1.150	11.600	<0.100
	09/16/2008		9.190	2.520	15.100	<0.100
	12/08/2008		7.300	2.420	9.100	<0.100
	03/16/2009	<0.100	1.780	0.530	5.600	<0.100
	06/11/2009	<0.100	5.320	1.250	13.400	<0.100
	09/08/2009	<0.100	7.090	1.540	10.000	<0.100
	12/08/2009	<0.100	5.060	1.330	3.400	<0.100
	03/09/2010	<0.100	2.610	0.590	0.700	<0.100
UMW-116	05/20/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/16/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/08/2009	<0.100	<0.100	<0.100	<2.000	<0.100

## CH MGP Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010		2-Methylnaphthalene, ug/L	Acenaphthene, Acenaphthylene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-116	03/09/2010	<0.100	<0.100	<0.100	<2,000	<0.100
UMW-117	05/21/2008	<10,000	<0.100	<0.100	<2,000	<0.100
	09/17/2008		<0.100	<0.100	<2,000	<0.100
	12/10/2008		<0.100	<0.100	<2,000	<0.100
	03/18/2009		<0.100	<0.100	<2,000	<0.100
	06/10/2009		<0.100	<0.100	<2,000	<0.100
	09/09/2009		<0.100	<0.100	<2,000	<0.100
	12/08/2009		<0.100	<0.100	<2,000	<0.100
	03/09/2010		<0.100	<0.100	<2,000	<0.100
UMW-118	05/22/2008	<10,000	<0.100	<0.100	<2,000	<0.100
	09/17/2008		<0.100	<0.100	<2,000	<0.100
	12/10/2008		<0.100	<0.100	<2,000	<0.100
	03/17/2009		<0.100	<0.100	<2,000	<0.100
	06/11/2009		<0.100	<0.100	<2,000	<0.100
	09/10/2009		<0.100	<0.100	<2,000	<0.100
	12/09/2009		<0.100	<0.100	<2,000	<0.100
	03/08/2010		<0.100	<0.100	<2,000	<0.100
UMW-119	05/22/2008	<10,000	2,300	1,520	3,400	<0.100
	09/16/2008		1,360	1,290	1,300	<0.100
	12/10/2008		0.830	1,220	<2,000	<0.100
	03/17/2009		0.340	0.260	0.420	<2,000
	06/10/2009		<0.100	0.200	0.410	<2,000
	09/09/2009		<0.100	<0.100	0.250	<2,000
	12/07/2009		<0.100	0.160	0.420	<2,000
	03/08/2010		<0.100	0.120	0.240	<2,000
UMW-120	05/22/2008	<10,000	<0.100	<0.100	<2,000	<0.100
	09/16/2008		<0.100	<0.100	<2,000	<0.100
	12/10/2008		<0.100	<0.100	<2,000	<0.100
	03/17/2009		<0.100	<0.100	<2,000	<0.100
	06/10/2009		<0.100	<0.100	<2,000	<0.100
	09/09/2009		<0.100	<0.100	<2,000	<0.100
	12/07/2009		<0.100	<0.100	<2,000	<0.100
	03/08/2010		<0.100	<0.100	<2,000	<0.100
UMW-121	05/21/2008	<10,000	<0.100	<0.100	<2,000	<0.100
	09/16/2008		<0.100	<0.100	<2,000	<0.100
	12/09/2008		<0.100	<0.100	<2,000	<0.100
	03/17/2009		<0.100	<0.100	<2,000	<0.100
	06/10/2009		<0.100	<0.100	<2,000	<0.100
	09/09/2009		<0.100	<0.100	<2,000	<0.100
	12/07/2009		<0.100	<0.100	<2,000	<0.100
	03/08/2010		<0.100	<0.100	<2,000	<0.100
	06/10/2009		<0.100	<0.100	<2,000	<0.100

**CH MGP****Analysis Results by Parameter (column), Location (row), and Date (row)****Date Range: 04/01/2008 to 03/30/2010**

		<b>2-Methylnaphthalene, ug/L</b>	<b>Acenaphthene, Acenaphthylene, ug/L</b>	<b>Benzene, ug/L</b>	<b>Benzo(a)anthracene, ug/L</b>	<b>Benzo(a)pyrene, ug/L</b>
UMW-121	09/09/2009	<0.100	<0.100	0.170	<2.000	<0.100
	12/08/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	12/16/2009	<0.100	<0.100	0.130	<0.100	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-122	03/10/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-123	03/10/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-300	05/23/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	09/18/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	12/12/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/11/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	03/10/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-302	05/21/2008	<0.100	0.110	0.700	1,330.000	<0.100
	09/16/2008	<10.000	<0.100	0.190	1,030.000	<0.100
	12/09/2008	0.260	<0.100	0.330	1,000.000	<0.100
	03/17/2009	<0.100	<0.100	0.300	872.000	<0.100
	06/10/2009	<10.000	<0.100	0.380	674.000	<0.100
	09/09/2009	0.140	<0.100	0.240	644.000	<0.100
	12/08/2009	0.290	<0.100	0.380	507.000	<0.100
	03/08/2010	0.290	0.110	0.340	370.000	<0.100
	05/22/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/17/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/18/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/08/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	03/09/2010	<0.100	<0.100	<0.100	<2.000	<0.100
UMW-303	07/10/2008	<10.000	<0.100	<0.100	<2.000	<0.100
	09/16/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<2.000	<0.100
	03/16/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	06/09/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	09/08/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	12/07/2009	<0.100	<0.100	<0.100	<2.000	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<2.000	<0.100

**CH MGP****Analysis Results by Parameter (column), Location (row), and Date (row)**

<b>Date Range: 04/01/2008 to 03/30/2010</b>		<b>2-Methylnaphthalene, ug/L</b>	<b>Acenaphthene, Acenaphthylene, ug/L</b>	<b>Benzene, ug/L</b>	<b>Benzo(a)anthracene, ug/L</b>	<b>Benzo(a)pyrene, ug/L</b>
UMW-306	07/10/2008	<0.100	<0.100	<2.000	<0.100	<0.100
	09/16/2008	<10.000	<0.100	<2.000	<0.100	<0.100
	12/09/2008	<0.100	<0.100	<2.000	<0.100	<0.100
	03/16/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	06/09/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	09/08/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	12/07/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	03/08/2010	<0.100	<0.100	<2.000	<0.100	<0.100
	07/10/2008	<10.000	<0.100	<2.000	<0.100	<0.100
	09/16/2008	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-307	12/09/2008	<0.100	<0.100	<2.000	<0.100	<0.100
	03/17/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	06/09/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	09/09/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	12/07/2009	<0.100	<0.100	<2.000	<0.100	<0.100
	03/09/2010	<0.100	<0.100	<2.000	<0.100	<0.100

## CH MGP Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010

Date Range: 04/01/2008 to 03/30/2010						
Well Id	Date Sampled	Lab Id	Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylBenzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/LDibenzo(a,h)anthracene, ug/L
UMW-102	05/22/2008		<0.100	<0.100	<0.100	<0.007
	09/16/2008		<0.100	<0.100	<0.100	<0.007
	12/10/2008		<0.100	<0.100	<0.100	<0.007
	03/17/2009		<0.100	<0.100	<0.100	<0.007
	06/10/2009		<0.100	<0.100	<0.100	<0.007
	09/09/2009		<0.100	<0.100	<0.100	<0.007
	12/07/2009		<0.100	<0.100	<0.100	<0.007
	03/10/2010		<0.100	<0.100	<0.100	<0.007
	05/22/2008		<0.100	<0.100	<0.100	<0.007
	09/17/2008		<0.100	<0.100	<0.100	<0.007
UMW-104	12/08/2008		<0.100	<0.100	<0.100	<0.100
	03/16/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100
	09/08/2009		<0.100	<0.100	<0.100	<0.100
	12/07/2009		<0.100	<0.100	<0.100	<0.100
	03/09/2010		<0.100	<0.100	<0.100	<0.100
	05/21/2008		<0.100	<0.100	<0.100	<0.100
	09/16/2008		<0.100	<0.100	<0.100	<0.100
	12/09/2008		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
UMW-105	06/10/2009		<0.100	<0.100	<0.100	<0.100
	09/09/2009		<0.100	<0.100	<0.100	<0.100
	12/08/2009		<0.100	<0.100	<0.100	<0.100
	03/08/2010		<0.100	<0.100	<0.100	<0.100
	05/21/2008		<0.100	<0.100	<0.100	<0.100
	09/16/2008		<0.100	<0.100	<0.100	<0.100
	12/09/2008		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100
	09/09/2009		<0.100	<0.100	<0.100	<0.100
UMW-106	12/09/2008		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100
	09/09/2009		<0.100	<0.100	<0.100	<0.100
	03/10/2010		<0.100	<0.100	<0.100	<0.100
	05/20/2008		<0.100	<0.100	<0.100	<0.100
	09/16/2008		<0.100	<0.100	<0.100	<0.100
	12/09/2008		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100
UMW-107	09/09/2009		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100
	09/09/2009		<0.100	<0.100	<0.100	<0.100
	12/08/2009		<0.100	<0.100	<0.100	<0.100
	03/17/2009		<0.100	<0.100	<0.100	<0.100
	06/10/2009		<0.100	<0.100	<0.100	<0.100

## CH MGP

## Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010	Benz(b)fluorant	Benzo(g,h,i)peryl Benzo(k)fluorant	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
	benene, ug/L	benene, ug/L			
UMW-107	03/09/2010	<0.100	<0.100	<0.100	0.232
UMW-108	05/20/2008	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<0.100	<0.100	<0.100	0.043
	12/09/2008	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<0.100	<0.100	<0.100	0.046
	06/10/2009	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<0.100	<0.100	<0.100	0.033
	12/08/2009	<0.100	<0.100	<0.100	<0.100
UMW-109	03/09/2010	<0.100	<0.100	<0.100	<0.100
	05/22/2008	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<0.100	<0.100	<0.100	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<0.100
	12/09/2009	<0.100	<0.100	<0.100	<0.100
UMW-111A	03/08/2010	<0.100	<0.100	<0.100	<0.100
	05/22/2008	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<0.100	<0.100	<0.100	<0.100
	12/08/2008	<0.100	<0.100	<0.100	0.277
UMW-115	03/16/2009	<0.100	<0.100	<0.100	3.450
	06/11/2009	<0.100	<0.100	<0.100	<0.100
	09/08/2009	<0.100	<0.100	<0.100	3.240
	12/08/2009	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<0.100	<0.100	<0.100	0.235
	05/20/2008	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<0.100	<0.100	<0.100	0.009
	12/09/2008	<0.100	<0.100	<0.100	3.580
	03/17/2009	<0.100	<0.100	<0.100	0.016
	06/10/2009	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<0.100	<0.100	<0.100	0.003
	12/08/2009	<0.100	<0.100	<0.100	0.005

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenz(a,h)anthracene, ug/L
UMW-116	03/09/2010	<0.100	<0.100	<0.100	<0.100	0.015	<0.100
UMW-117	05/21/2008	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/17/2008	<0.100	<0.100	<0.100	<0.100	0.006	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/18/2009	<0.100	<0.100	<0.100	<0.100	0.004	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<0.100	0.005	<0.100
	12/08/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/09/2010	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	05/22/2008	<0.100	<0.100	<0.100	<0.100	0.047	<0.100
UMW-118	09/17/2008	<0.100	<0.100	<0.100	<0.100	0.046	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100	0.063	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.060	<0.100
	06/11/2009	<0.100	<0.100	<0.100	<0.100	0.056	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<0.100	0.054	<0.100
	12/09/2009	<0.100	<0.100	<0.100	<0.100	0.043	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.067	<0.100
	05/22/2008	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100	0.023	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.035	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.030	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	12/07/2009	<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.031	<0.100
UMW-119	05/22/2008	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.011	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100	0.045	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.118	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/07/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.458	<0.450
	05/21/2008	<0.450	<0.450	<0.450	<0.450	0.415	<0.450
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.438	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.100	0.714	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.510	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.485	<0.100
UMW-120	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.004	<0.100
	05/21/2008	<0.450	<0.450	<0.450	<0.450	0.415	<0.450
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.011	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.100	0.045	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.004	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/07/2009	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.118	<0.100
	05/21/2008	<0.450	<0.450	<0.450	<0.450	0.415	<0.450
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.438	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.100	0.714	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.510	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.485	<0.100
UMW-121	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.118	<0.100
	05/21/2008	<0.450	<0.450	<0.450	<0.450	0.415	<0.450
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.438	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.100	0.714	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.510	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.100	0.485	<0.100

## CH MGP

## Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)peryl Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
UMW-121	09/09/2009	<0.100	<0.100	<0.100	<0.100	0.597
	12/08/2009	<0.100	<0.100	<0.100	<0.100	0.601
	12/16/2009	<0.100	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.398
UMW-122	03/10/2010	<0.100	<0.100	<0.100	<0.100	0.122
UMW-123	03/10/2010	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-300	05/23/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	09/18/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	12/12/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.003	<0.100
	06/11/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	12/09/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	03/10/2010	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-302	05/21/2008	<0.100	<0.100	<0.100	0.045	<0.100
	09/16/2008	<0.100	<0.100	<0.100	0.119	<0.100
	12/09/2008	<0.100	<0.100	<0.100	0.140	<0.100
	03/17/2009	<0.100	<0.100	<0.100	0.141	<0.100
	06/10/2009	<0.100	<0.100	<0.100	0.115	<0.100
	09/09/2009	<0.100	<0.100	<0.100	0.188	<0.100
	12/08/2009	<0.100	<0.100	<0.100	0.02	<0.100
	03/08/2010	<0.100	<0.100	<0.100	0.075	<0.100
UMW-303	05/22/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	09/17/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	12/10/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	03/18/2009	<0.100	<0.100	<0.100	0.003	<0.100
	06/10/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	09/10/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	12/08/2009	<0.100	<0.100	<0.100	0.020	<0.100
	03/09/2010	<0.100	<0.100	<0.100	0.014	<0.100
UMW-305	07/10/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	09/16/2008	<0.100	<0.100	<0.100	0.010	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.007	<0.100
	03/16/2009	<0.100	<0.100	<0.100	0.007	<0.100
	06/09/2009	<0.100	<0.100	<0.100	<0.007	<0.100
	09/08/2009	<0.100	<0.100	<0.100	0.010	<0.100
	12/07/2009	<0.100	<0.100	<0.100	0.019	<0.100
	03/08/2010	<0.100	<0.100	<0.100	0.017	<0.100

## CH MGP

## Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010		Benzo(b)Fluoranthene, ug/L	Benzo(a,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenz(a,h)anthracene, ug/L
UMW-306	07/10/2008	<0.100	<0.100	<0.100	<0.100	<0.100	0.010
	09/16/2008	<0.100	<0.100	<0.100	<0.100	0.019	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
	03/16/2009	<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	06/09/2009	<0.100	<0.100	<0.100	<0.100	0.012	<0.100
	09/08/2009	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	12/07/2009	<0.100	<0.100	<0.100	<0.100	0.039	<0.100
	03/08/2010	<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	07/10/2008	<0.100	<0.100	<0.100	<0.100	0.016	<0.100
	09/16/2008	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/09/2008	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/17/2009	<0.100	<0.100	<0.100	<0.100	0.019	<0.100
	06/09/2009	<0.100	<0.100	<0.100	<0.100	0.003	<0.100
	09/09/2009	<0.100	<0.100	<0.100	<0.100	0.010	<0.100
UMW-307	12/07/2009	<0.100	<0.100	<0.100	<0.100	0.030	<0.100
	03/09/2010	<0.100	<0.100	<0.100	<0.100	0.009	<0.100

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

Well Id	Date Sampled	Lab Id	Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) Pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-102	05/22/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/16/2008		<5.000	<0.100	<0.100	<0.100	0.090	<0.100
	12/10/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/17/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/10/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/09/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/07/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/10/2010		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	05/22/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/17/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-104	12/08/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/16/2009		<5.000	<0.100	<0.100	<0.100	0.280	<0.100
	06/10/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/08/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/07/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/09/2010		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	05/21/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/16/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/09/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/17/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-105	06/10/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/09/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/08/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/08/2010		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	05/21/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/16/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/09/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/17/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/10/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/09/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-106	12/08/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/08/2010		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	05/21/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/16/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/09/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/17/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/10/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/09/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/09/2008		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/17/2009		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-106R	06/10/2009		8.200	<0.100	<0.100	<0.100	<0.100	39.900
	09/09/2009		26.800	<0.100	<0.100	<0.100	<0.100	130.000
UMW-107	03/10/2010		29.000	<0.100	<0.100	<0.100	<0.100	119.000
	05/20/2008		10.000	<0.100	<0.100	<0.100	<0.100	36.500
	09/16/2008		36.000	<0.100	<0.100	<0.100	<0.100	153.000
	12/09/2008		24.000	<0.100	<0.100	<0.100	<0.100	76.200
UMW-109	03/17/2009		2.400	<0.100	<0.100	<0.100	<0.100	25.600
	12/08/2009							

**CH MGP****Analysis Results by Parameter (column), Location (row), and Date (row)****Date Range: 04/01/2008 to 03/30/2010**

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L Indeno(1,2,3-cd) Pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-107	03/09/2010	<5.000	<0.100	<0.100	<0.100	1.370
UMW-108	05/20/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-109	05/22/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-111A	05/22/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-115	05/20/2008	<5.000	<0.100	1.390	<0.100	<0.100
	09/16/2008	2.300	<0.100	3.660	<0.100	0.310
	12/08/2008	<5.000	<0.100	2.670	<0.100	0.530
	03/16/2009	<5.000	<0.100	0.570	<0.100	0.100
	06/11/2009	1.000	<0.100	1.910	<0.100	0.550
	09/08/2009	1.300	<0.100	3.360	<0.100	0.430
	12/08/2009	<5.000	<0.100	1.830	<0.100	0.260
	03/09/2010	<5.000	<0.100	1.010	<0.100	0.130
UMW-116	05/20/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100

## CH MGP

## Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 04/01/2008 to 03/30/2010

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-116	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-117	05/21/2008	<5.000	<0.100	<0.100	0.150	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-118	05/22/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-119	05/22/2008	6.200	0.300	0.680	<0.100	0.920
	09/16/2008	<5.000	0.140	0.200	<0.100	1.580
	12/10/2008	<5.000	<0.090	0.140	<0.100	0.470
	03/17/2009	<5.000	<0.100	0.100	<0.100	0.150
	06/10/2009	<5.000	<0.100	0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	0.100	<0.100	<0.100
UMW-120	05/22/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-121	05/21/2008	<5.000	<0.450	<0.450	<0.450	<0.450
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L Indeno(1,2,3-cd)	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-121	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/16/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-122	03/10/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-123	03/10/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-300	05/23/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/18/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/12/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/10/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-302	05/21/2008	514.000	<0.100	<0.100	<0.100	3,570.000
	09/16/2008	86.000	<0.100	<0.100	<0.100	246.000
	12/09/2008	65.000	<0.100	<0.100	<0.100	410.000
	03/17/2009	409.000	<0.100	<0.100	<0.100	1,360.000
	06/10/2009	370.000	<0.100	<0.100	<0.100	2,190.000
	09/09/2009	250.000	<0.100	<0.100	<0.100	1,090.000
	12/08/2009	554.000	<0.100	<0.100	<0.100	2,090.000
	03/08/2010	697.000	<0.100	0.120	<0.100	2,200.000
UMW-303	05/22/2008	<5.000	<0.100	<0.100	<0.100	0.090
	09/17/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/10/2009	<5.000	<0.100	<0.100	<0.100	0.370
	09/10/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-305	07/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2008	<5.000	<0.100	<0.100	<0.100	0.400
	03/16/2009	<5.000	<0.100	<0.100	<0.100	0.190
	06/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100

**CH MGP****Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-306	07/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	12/09/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/16/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	06/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	09/08/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/08/2010	<5.000	<0.100	<0.100	<0.100	<0.100
	07/10/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	09/16/2008	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-307	12/09/2008	<5.000	<0.100	<0.100	<0.100	<0.100
	03/17/2009	1.300	<0.100	<0.100	<0.100	<0.100
	06/09/2009	<5.000	<0.100	<0.100	0.100	<0.100
	09/09/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	12/07/2009	<5.000	<0.100	<0.100	<0.100	<0.100
	03/09/2010	<5.000	<0.100	<0.100	<0.100	<0.100

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

Well Id	Date Sampled	Lab Id	Pyrene, ug/L	Toluene, ug/L	Xylylene, total, ug/L
UMW-102	05/22/2008		<0.100	<5.000	<5.000
	09/16/2008		<0.100	<5.000	<5.000
	12/10/2008		<0.100	<5.000	<5.000
	03/17/2009		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/09/2009		<0.100	<5.000	<5.000
	12/07/2009		<0.100	<5.000	<5.000
	03/10/2010		<0.100	<5.000	<5.000
	05/22/2008		<0.100	<5.000	<5.000
	09/17/2008		<0.100	<5.000	<5.000
UMW-104	12/08/2008		<0.100	<5.000	<5.000
	03/16/2009		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/08/2009		<0.100	<5.000	<5.000
	12/07/2009		<0.100	<5.000	<5.000
	03/09/2010		<0.100	<5.000	<5.000
	05/21/2008		<0.100	<5.000	<5.000
	09/16/2008		<0.100	<5.000	<5.000
	12/09/2008		<0.100	<5.000	<5.000
	03/17/2009		<0.100	<5.000	<5.000
UMW-105	05/21/2008		<0.100	<5.000	<5.000
	09/16/2008		<0.100	<5.000	<5.000
	12/09/2008		<0.100	<5.000	<5.000
	03/17/2009		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/09/2009		<0.100	<5.000	<5.000
	12/08/2009		<0.100	<5.000	<5.000
	03/08/2010		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/09/2009		<0.100	<5.000	<5.000
UMW-106	05/21/2008		<0.100	<5.000	<5.000
	09/16/2008		<0.100	<5.000	<5.000
	12/09/2008		<0.100	<5.000	<5.000
	03/17/2009		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/09/2009		<0.100	<5.000	<5.000
	12/08/2009		<0.100	<5.000	<5.000
	03/08/2010		<0.100	<5.000	<5.000
	06/10/2009		<0.100	<5.000	<5.000
	09/09/2009		<0.100	<5.000	<5.000
UMW-106R	03/10/2010		<0.100	<25.000	14.000
	05/20/2008		<0.100	<25.000	35.800
UMW-107	09/16/2008		<0.100	<50.000	35.000
	12/09/2008		<0.100	<50.000	12.000
UMW-109	03/17/2009		<0.100	<50.000	47.000
	06/10/2009		<0.100	<50.000	30.000
	09/09/2009		<0.100	<5.000	10.500
UMW-108	12/08/2009		<0.100	<5.000	

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010		Pyrene, ug/L	Toluene, ug/L	Xylenes, total, ug/L
UMW-107	03/09/2010	<0.100	<5.000	<5.000
UMW-108	05/20/2008	<0.100	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000
	03/18/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000
	03/09/2010	<0.100	<5.000	<5.000
UMW-109	05/22/2008	<0.100	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/11/2009	<0.100	<5.000	<5.000
	09/10/2009	<0.100	<5.000	<5.000
	12/09/2009	<0.100	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000
UMW-111A	05/22/2008	<0.100	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000
	03/18/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/08/2009	<0.100	<5.000	<5.000
	12/08/2008	<0.100	<5.000	<5.000
	03/16/2009	<0.100	<5.000	<5.000
	06/11/2009	<0.100	1.100	1.300
	09/08/2009	<0.100	<5.000	1.000
	12/08/2009	<0.100	<5.000	1.000
	03/09/2010	<0.100	<5.000	<5.000
UMW-115	05/20/2008	<0.100	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000
	03/09/2010	<0.100	<5.000	<5.000
UMW-116	05/20/2008	<0.100	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-116	03/09/2010	<0.100	<5.000	<5.000
UMW-117	05/21/2008	<0.100	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000
	03/18/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000
	03/09/2010	<0.100	<5.000	<5.000
UMW-118	05/22/2008	<0.100	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/11/2009	<0.100	<5.000	<5.000
	09/10/2009	<0.100	<5.000	<5.000
	12/09/2009	<0.100	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000
UMW-119	05/22/2008	0.390	<5.000	6.600
	09/16/2008	0.190	<5.000	<5.000
	12/10/2008	0.130	<0.003	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/07/2009	<0.100	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000
UMW-120	05/22/2008	<0.100	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/07/2009	<0.100	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000
UMW-121	05/21/2008	<0.450	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

			Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-121	09/09/2009	<0.100	<5.000	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000	<5.000
	12/16/2009	<0.100	<5.000	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000	<5.000
UMW-122	03/10/2010	<0.100	<5.000	<5.000	<5.000
UMW-123	03/10/2010	<0.100	<5.000	<5.000	<5.000
UMW-300	05/23/2008	<0.100	<5.000	<5.000	<5.000
	09/18/2008	<0.100	<5.000	<5.000	<5.000
	12/12/2008	<0.100	<5.000	<5.000	<5.000
	03/17/2009	<0.100	<5.000	<5.000	<5.000
	06/11/2009	<0.100	<5.000	<5.000	<5.000
	09/10/2009	<0.100	<5.000	<5.000	<5.000
	12/09/2009	<0.100	<5.000	<5.000	<5.000
	03/10/2010	<0.100	<5.000	<5.000	<5.000
UMW-302	05/21/2008	<0.100	<500.000	160.000	160.000
	09/16/2008	<0.100	<125.000	110.000	110.000
	12/09/2008	<0.100	<125.000	48.000	48.000
	03/17/2009	<0.100	<125.000	278.000	278.000
	06/10/2009	<0.100	<50.000	230.000	230.000
	09/09/2009	<0.100	<50.000	200.000	200.000
	12/08/2009	<0.100	<100.000	289.000	289.000
	03/08/2010	<0.100	11.000	324.000	324.000
UMW-303	05/22/2008	<0.100	<5.000	<5.000	<5.000
	09/17/2008	<0.100	<5.000	<5.000	<5.000
	12/10/2008	<0.100	<5.000	<5.000	<5.000
	03/18/2009	<0.100	<5.000	<5.000	<5.000
	06/10/2009	<0.100	<5.000	<5.000	<5.000
	09/10/2009	<0.100	<5.000	<5.000	<5.000
	12/08/2009	<0.100	<5.000	<5.000	<5.000
	03/09/2010	<0.100	<5.000	<5.000	<5.000
UMW-305	07/10/2008	<0.100	<5.000	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000	<5.000
	03/16/2009	<0.100	<5.000	<5.000	<5.000
	06/09/2009	<0.100	<5.000	<5.000	<5.000
	09/08/2009	<0.100	<5.000	<5.000	<5.000
	12/07/2009	<0.100	<5.000	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000	<5.000

**CH MGP**  
**Analysis Results by Parameter (column), Location (row), and Date (row)**

Date Range: 04/01/2008 to 03/30/2010

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
<b>UMW-306</b>	07/10/2008	<0.100	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
	12/09/2008	<0.100	<5.000	<5.000
	03/16/2009	<0.100	<5.000	<5.000
	06/09/2009	<0.100	<5.000	<5.000
	09/08/2009	<0.100	<5.000	<5.000
	12/07/2009	<0.100	<5.000	<5.000
	03/08/2010	<0.100	<5.000	<5.000
	07/10/2008	<0.100	<5.000	<5.000
	09/16/2008	<0.100	<5.000	<5.000
<b>UMW-307</b>	12/09/2008	<0.100	<5.000	<5.000
	03/17/2009	<0.100	<5.000	1.600
	06/09/2009	<0.100	<5.000	<5.000
	09/09/2009	<0.100	<5.000	<5.000
	12/07/2009	<0.100	<5.000	<5.000
	03/09/2010	<0.100	<5.000	<5.000

### **Attachment 3**

Laboratory Analytical Reports and Chain of Custodies

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

April 01, 2010

Pete Sazama  
PSC Industrial Outsourcing, LP  
210 West Sand Bank Road  
Columbia, IL 62236-0230  
TEL: (618) 281-7173  
FAX: (618) 281-5120



RE: A831-735002-012901-225/IP Champaign

WorkOrder: 10030463

Dear Pete Sazama:

TEKLAB, INC received 26 samples on 3/10/2010 4:25:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

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

Sincerely,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign

**Lab Order:** 10030463

**Report Date:** 01-Apr-10

## SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10030463-001	UMW-119	3	3/8/2010 2:30:00 PM
10030463-002	UMW-120	3	3/8/2010 1:40:00 PM
10030463-003	UMW-121	3	3/8/2010 2:10:00 PM
10030463-004	UMW-302	3	3/8/2010 2:35:00 PM
10030463-005	UMW-902	3	3/8/2010 2:45:00 PM
10030463-006	UMW-303	3	3/9/2010 12:45:00 PM
10030463-008	UMW-305	3	3/8/2010 3:50:00 PM
10030463-009	UMW-306	3	3/8/2010 4:30:00 PM
10030463-010	UMW-307	3	3/9/2010 9:25:00 AM
10030463-011	UMW-907	3	3/9/2010 9:30:00 AM
10030463-012	Trip Blank	1	2/3/2010 9:05:00 AM
10030463-013	UMW-102	3	3/10/2010 11:25:00 AM
10030463-014	UMW-104	3	3/9/2010 8:40:00 AM
10030463-015	UMW-105	3	3/8/2010 1:30:00 PM
10030463-016	UMW-106R	3	3/10/2010 9:35:00 AM
10030463-017	UMW-107	3	3/9/2010 10:20:00 AM
10030463-018	UMW-108	3	3/9/2010 10:05:00 AM
10030463-019	UMW-109	3	3/8/2010 4:10:00 PM
10030463-020	UMW-111A	3	3/9/2010 8:55:00 AM
10030463-021	UMW-115	3	3/9/2010 1:40:00 PM
10030463-022	UMW-116	3	3/9/2010 11:00:00 AM
10030463-023	UMW-117	3	3/9/2010 10:55:00 AM
10030463-024	UMW-118	3	3/8/2010 3:30:00 PM
10030463-025	UMW-122	3	3/10/2010 10:30:00 AM
10030463-026	UMW-123	3	3/10/2010 9:15:00 AM
10030463-027	UMW-300	3	3/10/2010 8:15:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign  
**LabOrder:** 10030463  
**Report Date:** 01-Apr-10

## CASE NARRATIVE

**Cooler Receipt Temp:** 1.0 °C

**State accreditations:**

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

This is a revised report. Total cyanide results for samples -010 and -011 are now reported as "lab error". Please replace your original report dated 3/23/10 for this work order with this revised report.

Qualifiers	
DF - Dilution Factor	B - Analyte detected in the associated Method Blank
RL - Reporting Limit	J - Analyte detected below reporting limits
ND - Not Detected at the Reporting Limit	R - RPD outside accepted recovery limits
Surr - Surrogate Standard added by lab	S - Spike Recovery outside accepted recovery limits
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon
NELAP - IL ELAP and NELAP Accredited Field of Testing	IDPH - IL Dept. of Public Health
C - Client requested RL below PQL D - Diluted out of sample E - Value above quantitation range H - Holding time exceeded MI - Matrix interference DNI - Did not ignite	

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-001  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-119  
**Collection Date:** 3/8/2010 2:30:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Acenaphthene	NELAP	0.00010		0.00012	mg/L	1	3/12/2010 12:13:00 PM	MAN
Acenaphthylene	NELAP	0.00010		0.00024	mg/L	1	3/12/2010 12:13:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:13:00 PM	MAN
Total PNAs except Naphthalene		0.00013		0.00036	mg/L	1	3/12/2010 12:13:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		68.2	%REC	1	3/12/2010 12:13:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		34.6	%REC	1	3/12/2010 12:13:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		73.8	%REC	1	3/12/2010 12:13:00 PM	MAN
Surr: Phenol-d5		11-42.8		23.2	%REC	1	3/12/2010 12:13:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		85.6	%REC	1	3/12/2010 12:13:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 1:00:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 1:00:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 1:00:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 1:00:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		109.9	%REC	1	3/13/2010 1:00:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		104.6	%REC	1	3/13/2010 1:00:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		101.3	%REC	1	3/13/2010 1:00:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-001  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-119  
Collection Date: 3/8/2010 2:30:00 PM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		103.1	%REC	1	3/13/2010 1:00:00 AM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.031	mg/L	1	3/18/2010 11:09:43 AM	RCE

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-002  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-120  
Collection Date: 3/8/2010 1:40:00 PM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 12:50:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		72.6	%REC	1	3/12/2010 12:50:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		36.6	%REC	1	3/12/2010 12:50:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		76.0	%REC	1	3/12/2010 12:50:00 PM	MAN
Surr: Phenol-d5		11-42.8		25.1	%REC	1	3/12/2010 12:50:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		84.8	%REC	1	3/12/2010 12:50:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 1:31:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 1:31:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 1:31:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 1:31:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.3	%REC	1	3/13/2010 1:31:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		109.2	%REC	1	3/13/2010 1:31:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		101.5	%REC	1	3/13/2010 1:31:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-002

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-120

**Collection Date:** 3/8/2010 1:40:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		102.4	%REC	1	3/13/2010 1:31:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007	B	0.118	mg/L	1	3/12/2010 6:02:31 PM	RCE

### Sample Narrative

SW-846 9012A (Total)

Sample result was more than 10 times the blank contamination. Data is reportable.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-003  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-121  
**Collection Date:** 3/8/2010 2:10:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	J	0.0016	mg/L	1	3/12/2010 1:25:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 1:25:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		71.8	%REC	1	3/12/2010 1:25:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		43.0	%REC	1	3/12/2010 1:25:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		74.2	%REC	1	3/12/2010 1:25:00 PM	MAN
Surr: Phenol-d5		11-42.8		27.2	%REC	1	3/12/2010 1:25:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		83.0	%REC	1	3/12/2010 1:25:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 2:02:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 2:02:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 2:02:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 2:02:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		113.1	%REC	1	3/13/2010 2:02:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		111.8	%REC	1	3/13/2010 2:02:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		104.8	%REC	1	3/13/2010 2:02:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-003

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-121

**Collection Date:** 3/8/2010 2:10:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr. Toluene-d8		84.3-114		102.0	%REC	1	3/13/2010 2:02:00 AM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007	E	0.398	mg/L	1	3/18/2010 11:09:43 AM	RCE

### Sample Narrative

SW-846 9012A (Total)

Results have less certainty, because sample value exceeds upper quantitation limits.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-004

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-302

**Collection Date:** 3/8/2010 2:35:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		0.00027	mg/L	1	3/12/2010 2:01:00 PM	MAN
Acenaphthene	NELAP	0.00010		0.00011	mg/L	1	3/12/2010 2:01:00 PM	MAN
Acenaphthyrene	NELAP	0.00010		0.00034	mg/L	1	3/12/2010 2:01:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00561	mg/L	1	3/12/2010 2:01:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Fluorene	NELAP	0.00010		0.00012	mg/L	1	3/12/2010 2:01:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Naphthalene	NELAP	0.0250		2.14	mg/L	250	3/13/2010 7:59:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:01:00 PM	MAN
Total PNAs except Naphthalene		0.00013		0.00057	mg/L	1	3/12/2010 2:01:00 PM	MAN
Surrogate: 2-Fluorobiphenyl		41.1-108		58.8	%REC	1	3/12/2010 2:01:00 PM	MAN
Surrogate: 2-Fluorophenol		16.8-65.9		62.0	%REC	1	3/12/2010 2:01:00 PM	MAN
Surrogate: Nitrobenzene-d5		37.6-105		60.8	%REC	1	3/12/2010 2:01:00 PM	MAN
Surrogate: Phenol-d5		11-42.8		30.0	%REC	1	3/12/2010 2:01:00 PM	MAN
Surrogate: p-Terphenyl-d14		49-113		90.0	%REC	1	3/12/2010 2:01:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	20.0		370	µg/L	10	3/13/2010 2:33:00 AM	CCF
Ethylbenzene	NELAP	50.0		631	µg/L	10	3/13/2010 2:33:00 AM	CCF
Toluene	NELAP	50.0		ND	µg/L	10	3/13/2010 2:33:00 AM	CCF
Xylenes, Total	NELAP	50.0		319	µg/L	10	3/13/2010 2:33:00 AM	CCF
Surrogate: 1,2-Dichloroethane-d4		74.7-129		112.2	%REC	10	3/13/2010 2:33:00 AM	CCF
Surrogate: 4-Bromofluorobenzene		86-119		107.7	%REC	10	3/13/2010 2:33:00 AM	CCF
Surrogate: Dibromofluoromethane		81.7-123		99.0	%REC	10	3/13/2010 2:33:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-004  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-302  
Collection Date: 3/8/2010 2:35:00 PM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		102.8	%REC	10	3/13/2010 2:33:00 AM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.075	mg/L	1	3/18/2010 11:09:43 AM	RCE

### Sample Narrative

SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

Elevated reporting limit due to high levels of target and/or non-target analytes.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-005

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-902

**Collection Date:** 3/8/2010 2:45:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2-Methylnaphthalene	NELAP	0.00010		0.00029	mg/L	1	3/12/2010 2:37:00 PM	MAN
Acenaphthene	NELAP	0.00010		0.00011	mg/L	1	3/12/2010 2:37:00 PM	MAN
Acenaphthylene	NELAP	0.00010		0.00034	mg/L	1	3/12/2010 2:37:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Fluorene	NELAP	0.00010	J	0.00010	mg/L	1	3/12/2010 2:37:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Naphthalene	NELAP	0.0250		2.20	mg/L	250	3/13/2010 8:35:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 2:37:00 PM	MAN
Total PNAs except Naphthalene		0.00013		0.00055	mg/L	1	3/12/2010 2:37:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		57.6	%REC	1	3/12/2010 2:37:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		55.6	%REC	1	3/12/2010 2:37:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		62.0	%REC	1	3/12/2010 2:37:00 PM	MAN
Surr: Phenol-d5		11-42.8		27.7	%REC	1	3/12/2010 2:37:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		74.4	%REC	1	3/12/2010 2:37:00 PM	MAN
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	20.0		364	µg/L	10	3/13/2010 3:03:00 AM	CCF
Ethylbenzene	NELAP	50.0		697	µg/L	10	3/13/2010 3:03:00 AM	CCF
Toluene	NELAP	50.0	J	11	µg/L	10	3/13/2010 3:03:00 AM	CCF
Xylenes, Total	NELAP	50.0		324	µg/L	10	3/13/2010 3:03:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		113.1	%REC	10	3/13/2010 3:03:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		107.6	%REC	10	3/13/2010 3:03:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		102.2	%REC	10	3/13/2010 3:03:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-005

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-902

**Collection Date:** 3/8/2010 2:45:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		101.3	%REC	10	3/13/2010 3:03:00 AM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.074	mg/L	1	3/18/2010 11:09:43 AM	RCE

### Sample Narrative

SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

Elevated reporting limit due to high levels of target and/or non-target analytes.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-006

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-303

**Collection Date:** 3/9/2010 12:45:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 7:41:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		67.8	%REC	1	3/12/2010 7:41:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		33.6	%REC	1	3/12/2010 7:41:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		72.0	%REC	1	3/12/2010 7:41:00 PM	MAN
Surr: Phenol-d5		11-42.8		22.8	%REC	1	3/12/2010 7:41:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		86.2	%REC	1	3/12/2010 7:41:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 3:34:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 3:34:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 3:34:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 3:34:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		109.3	%REC	1	3/13/2010 3:34:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		112.2	%REC	1	3/13/2010 3:34:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		102.7	%REC	1	3/13/2010 3:34:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-006  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-303  
**Collection Date:** 3/9/2010 12:45:00 PM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		102.8	%REC	1	3/13/2010 3:34:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.014		< 0.014	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-008

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-305

**Collection Date:** 3/8/2010 3:50:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00551	mg/L	1	3/12/2010 9:27:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 9:27:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		71.6	%REC	1	3/12/2010 9:27:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		41.4	%REC	1	3/12/2010 9:27:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		75.8	%REC	1	3/12/2010 9:27:00 PM	MAN
Surr: Phenol-d5		11-42.8		27.0	%REC	1	3/12/2010 9:27:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		78.8	%REC	1	3/12/2010 9:27:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 5:07:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 5:07:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 5:07:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 5:07:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		111.5	%REC	1	3/13/2010 5:07:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		107.6	%REC	1	3/13/2010 5:07:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		103.6	%REC	1	3/13/2010 5:07:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-008

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-305

**Collection Date:** 3/8/2010 3:50:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Sur: Toluene-d8		84.3-114		97.4	%REC	1	3/13/2010 5:07:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		0.017	mg/L	1	3/18/2010 11:09:43 AM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-009

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-306

**Collection Date:** 3/8/2010 4:30:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 10:03:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		72.2	%REC	1	3/12/2010 10:03:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		40.4	%REC	1	3/12/2010 10:03:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		75.2	%REC	1	3/12/2010 10:03:00 PM	MAN
Surr: Phenol-d5		11-42.8		26.4	%REC	1	3/12/2010 10:03:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		81.6	%REC	1	3/12/2010 10:03:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 5:38:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 5:38:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 5:38:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 5:38:00 AM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		109.6	%REC	1	3/13/2010 5:38:00 AM	CCF
Sur: 4-Bromofluorobenzene		86-119		109.7	%REC	1	3/13/2010 5:38:00 AM	CCF
Sur: Dibromofluoromethane		81.7-123		101.6	%REC	1	3/13/2010 5:38:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-009  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-306  
Collection Date: 3/8/2010 4:30:00 PM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		96.9	%REC	1	3/13/2010 5:38:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007	R	0.031	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

SW-846 9012A (Total)

RPD was outside of QC limit.

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-010  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-307  
**Collection Date:** 3/9/2010 9:25:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 10:38:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		74.0	%REC	1	3/12/2010 10:38:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		43.7	%REC	1	3/12/2010 10:38:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		79.4	%REC	1	3/12/2010 10:38:00 PM	MAN
Surr: Phenol-d5		11-42.8		29.1	%REC	1	3/12/2010 10:38:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		74.8	%REC	1	3/12/2010 10:38:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 6:09:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 6:09:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 6:09:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 6:09:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		110.6	%REC	1	3/13/2010 6:09:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		107.1	%REC	1	3/13/2010 6:09:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		104.7	%REC	1	3/13/2010 6:09:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-010

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-307

**Collection Date:** 3/9/2010 9:25:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surrogate: Toluene-d8		84.3-114		99.6	%REC	1	3/13/2010 6:09:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		Lab Error	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-011  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-907  
**Collection Date:** 3/9/2010 9:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 11:14:00 PM	MAN
Sur: 2-Fluorobiphenyl		41.1-108		69.4	%REC	1	3/12/2010 11:14:00 PM	MAN
Sur: 2-Fluorophenol		16.8-65.9		40.5	%REC	1	3/12/2010 11:14:00 PM	MAN
Sur: Nitrobenzene-d5		37.6-105		80.6	%REC	1	3/12/2010 11:14:00 PM	MAN
Sur: Phenol-d5		11-42.8		27.7	%REC	1	3/12/2010 11:14:00 PM	MAN
Sur: p-Terphenyl-d14		49-113		73.6	%REC	1	3/12/2010 11:14:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 6:40:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 6:40:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 6:40:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 6:40:00 AM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		105.8	%REC	1	3/13/2010 6:40:00 AM	CCF
Sur: 4-Bromofluorobenzene		86-119		108.8	%REC	1	3/13/2010 6:40:00 AM	CCF
Sur: Dibromofluoromethane		81.7-123		100.5	%REC	1	3/13/2010 6:40:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-011  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-907  
**Collection Date:** 3/9/2010 9:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		98.7	%REC	1	3/13/2010 6:40:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007	J	Lab Error	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-012  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** Trip Blank  
**Collection Date:** 2/3/2010 9:05:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0	H	ND	µg/L	1	3/13/2010 12:29:00 AM	CCF
Ethylbenzene	NELAP	5.0	H	ND	µg/L	1	3/13/2010 12:29:00 AM	CCF
Toluene	NELAP	5.0	H	ND	µg/L	1	3/13/2010 12:29:00 AM	CCF
Xylenes, Total	NELAP	5.0	H	ND	µg/L	1	3/13/2010 12:29:00 AM	CCF
Surr: 1,2-Dichloroethane-d4	74.7-129		H	108.6	%REC	1	3/13/2010 12:29:00 AM	CCF
Surr: 4-Bromofluorobenzene	86-119		H	111.8	%REC	1	3/13/2010 12:29:00 AM	CCF
Surr: Dibromofluoromethane	81.7-123		H	105.2	%REC	1	3/13/2010 12:29:00 AM	CCF
Surr: Toluene-d8	84.3-114		H	104.1	%REC	1	3/13/2010 12:29:00 AM	CCF

Sample Narrative

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-013

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-102

**Collection Date:** 3/10/2010 11:25:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00230	mg/L	1	3/12/2010 11:50:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/12/2010 11:50:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		73.6	%REC	1	3/12/2010 11:50:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		42.4	%REC	1	3/12/2010 11:50:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		79.4	%REC	1	3/12/2010 11:50:00 PM	MAN
Surr: Phenol-d5		11-42.8		27.2	%REC	1	3/12/2010 11:50:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		88.2	%REC	1	3/12/2010 11:50:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 7:11:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 7:11:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 7:11:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 7:11:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		107.6	%REC	1	3/13/2010 7:11:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		107.9	%REC	1	3/13/2010 7:11:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		100.8	%REC	1	3/13/2010 7:11:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-013

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-102

**Collection Date:** 3/10/2010 11:25:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		95.0	%REC	1	3/13/2010 7:11:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-014  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-104  
**Collection Date:** 3/9/2010 8:40:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	J	0.0013	mg/L	1	3/13/2010 12:26:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 12:26:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		69.0	%REC	1	3/13/2010 12:26:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		45.7	%REC	1	3/13/2010 12:26:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		79.8	%REC	1	3/13/2010 12:26:00 AM	MAN
Surr: Phenol-d5		11-42.8		28.1	%REC	1	3/13/2010 12:26:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		91.0	%REC	1	3/13/2010 12:26:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 7:41:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 7:41:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 7:41:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 7:41:00 AM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		110.4	%REC	1	3/13/2010 7:41:00 AM	CCF
Sur: 4-Bromofluorobenzene		86-119		107.0	%REC	1	3/13/2010 7:41:00 AM	CCF
Sur: Dibromofluoromethane		81.7-123		103.6	%REC	1	3/13/2010 7:41:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-014  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-104  
**Collection Date:** 3/9/2010 8:40:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		100.9	%REC	1	3/13/2010 7:41:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		0.134	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-015

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-105

**Collection Date:** 3/8/2010 1:30:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00225	mg/L	1	3/13/2010 1:02:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 1:02:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		72.6	%REC	1	3/13/2010 1:02:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		38.6	%REC	1	3/13/2010 1:02:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		79.6	%REC	1	3/13/2010 1:02:00 AM	MAN
Surr: Phenol-d5		11-42.8		26.1	%REC	1	3/13/2010 1:02:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		90.8	%REC	1	3/13/2010 1:02:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/13/2010 8:12:00 AM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/13/2010 8:12:00 AM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/13/2010 8:12:00 AM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/13/2010 8:12:00 AM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.3	%REC	1	3/13/2010 8:12:00 AM	CCF
Surr: 4-Bromofluorobenzene		86-119		110.4	%REC	1	3/13/2010 8:12:00 AM	CCF
Surr: Dibromofluoromethane		81.7-123		103.5	%REC	1	3/13/2010 8:12:00 AM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-015

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-105

**Collection Date:** 3/8/2010 1:30:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		102.5	%REC	1	3/13/2010 8:12:00 AM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		0.125	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-016

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-106R

**Collection Date:** 3/10/2010 9:35:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		0.00010	mg/L	1	3/13/2010 1:37:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00206	mg/L	1	3/13/2010 1:37:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Diethyl phthalate	NELAP	0.00100	J	0.00053	mg/L	1	3/13/2010 1:37:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Naphthalene	NELAP	0.00010		0.00028	mg/L	1	3/13/2010 1:37:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 1:37:00 AM	MAN
Sur: 2-Fluorobiphenyl		41.1-108		71.8	%REC	1	3/13/2010 1:37:00 AM	MAN
Sur: 2-Fluorophenol		16.8-65.9		45.5	%REC	1	3/13/2010 1:37:00 AM	MAN
Sur: Nitrobenzene-d5		37.6-105		81.4	%REC	1	3/13/2010 1:37:00 AM	MAN
Sur: Phenol-d5		11-42.8		28.6	%REC	1	3/13/2010 1:37:00 AM	MAN
Sur: p-Terphenyl-d14		49-113		84.4	%REC	1	3/13/2010 1:37:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 12:48:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 12:48:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 12:48:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 12:48:00 PM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		105.4	%REC	1	3/15/2010 12:48:00 PM	CCF
Sur: 4-Bromofluorobenzene		86-119		108.2	%REC	1	3/15/2010 12:48:00 PM	CCF
Sur: Dibromofluoromethane		81.7-123		99.3	%REC	1	3/15/2010 12:48:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-016

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-106R

**Collection Date:** 3/10/2010 9:35:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		101.3	%REC	1	3/15/2010 12:48:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.138	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-017

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-107

**Collection Date:** 3/9/2010 10:20:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Naphthalene	NELAP	0.00010		0.00137	mg/L	1	3/13/2010 2:13:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 2:13:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		66.4	%REC	1	3/13/2010 2:13:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		45.3	%REC	1	3/13/2010 2:13:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		74.2	%REC	1	3/13/2010 2:13:00 AM	MAN
Surr: Phenol-d5		11-42.8		28.9	%REC	1	3/13/2010 2:13:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		84.8	%REC	1	3/13/2010 2:13:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0	J	0.5	µg/L	1	3/15/2010 1:19:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 1:19:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 1:19:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 1:19:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.7	%REC	1	3/15/2010 1:19:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		107.6	%REC	1	3/15/2010 1:19:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		101.5	%REC	1	3/15/2010 1:19:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-017

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-107

**Collection Date:** 3/9/2010 10:20:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		101.4	%REC	1	3/15/2010 1:19:00 PM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.028		0.232	mg/L	4	3/17/2010 3:40:35 PM	RCE

### Sample Narrative

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-018

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-108

**Collection Date:** 3/9/2010 10:05:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00321	mg/L	1	3/13/2010 2:49:00 AM	MAM
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 2:49:00 AM	MAM
Surr: 2-Fluorobiphenyl		41.1-108		70.0	%REC	1	3/13/2010 2:49:00 AM	MAM
Surr: 2-Fluorophenol		16.8-65.9		33.7	%REC	1	3/13/2010 2:49:00 AM	MAM
Surr: Nitrobenzene-d5		37.6-105		76.4	%REC	1	3/13/2010 2:49:00 AM	MAM
Surr: Phenol-d5		11-42.8		24.5	%REC	1	3/13/2010 2:49:00 AM	MAM
Surr: p-Terphenyl-d14		49-113		86.4	%REC	1	3/13/2010 2:49:00 AM	MAM
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 1:49:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 1:49:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 1:49:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 1:49:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.1	%REC	1	3/15/2010 1:49:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		106.3	%REC	1	3/15/2010 1:49:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		100.6	%REC	1	3/15/2010 1:49:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-018

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-108

**Collection Date:** 3/9/2010 10:05:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		100.6	%REC	1	3/15/2010 1:49:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.055	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-019

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-109

**Collection Date:** 3/8/2010 4:10:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 3:25:00 AM	MAN
Sur: 2-Fluorobiphenyl		41.1-108		74.2	%REC	1	3/13/2010 3:25:00 AM	MAN
Sur: 2-Fluorophenol		16.8-65.9		43.8	%REC	1	3/13/2010 3:25:00 AM	MAN
Sur: Nitrobenzene-d5		37.6-105		81.0	%REC	1	3/13/2010 3:25:00 AM	MAN
Sur: Phenol-d5		11-42.8		28.1	%REC	1	3/13/2010 3:25:00 AM	MAN
Sur: p-Terphenyl-d14		49-113		90.6	%REC	1	3/13/2010 3:25:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 2:20:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 2:20:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 2:20:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 2:20:00 PM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		107.8	%REC	1	3/15/2010 2:20:00 PM	CCF
Sur: 4-Bromofluorobenzene		86-119		110.5	%REC	1	3/15/2010 2:20:00 PM	CCF
Sur: Dibromofluoromethane		81.7-123		98.1	%REC	1	3/15/2010 2:20:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-019

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-109

**Collection Date:** 3/8/2010 4:10:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surrogate: Toluene-d8		84.3-114		102.0	%REC	1	3/15/2010 2:20:00 PM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		0.011	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-020

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-111A

**Collection Date:** 3/9/2010 8:55:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 4:01:00 AM	MAN
Sur: 2-Fluorobiphenyl		41.1-108		72.6	%REC	1	3/13/2010 4:01:00 AM	MAN
Sur: 2-Fluorophenol		16.8-65.9		41.9	%REC	1	3/13/2010 4:01:00 AM	MAN
Sur: Nitrobenzene-d5		37.6-105		80.4	%REC	1	3/13/2010 4:01:00 AM	MAN
Sur: Phenol-d5		11-42.8		29.1	%REC	1	3/13/2010 4:01:00 AM	MAN
Sur: p-Terphenyl-d14		49-113		87.4	%REC	1	3/13/2010 4:01:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 2:51:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 2:51:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 2:51:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 2:51:00 PM	CCF
Sur: 1,2-Dichloroethane-d4		74.7-129		106.8	%REC	1	3/15/2010 2:51:00 PM	CCF
Sur: 4-Bromofluorobenzene		86-119		108.5	%REC	1	3/15/2010 2:51:00 PM	CCF
Sur: Dibromofluoromethane		81.7-123		100.4	%REC	1	3/15/2010 2:51:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-020  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-111A  
**Collection Date:** 3/9/2010 8:55:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		101.1	%REC	1	3/15/2010 2:51:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-021

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-115

**Collection Date:** 3/9/2010 1:40:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Acenaphthene	NELAP	0.00010		0.00261	mg/L	1	3/13/2010 6:12:00 AM	MAN
Acenaphthylene	NELAP	0.00010		0.00059	mg/L	1	3/13/2010 6:12:00 AM	MAN
Anthracene	NELAP	0.00010		0.00014	mg/L	1	3/13/2010 6:12:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Dibenzofuran	NELAP	0.00010		0.00023	mg/L	1	3/13/2010 6:12:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Fluorene	NELAP	0.00010		0.00101	mg/L	1	3/13/2010 6:12:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Naphthalene	NELAP	0.00010		0.00013	mg/L	1	3/13/2010 6:12:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 6:12:00 AM	MAN
Total PNAs except Naphthalene		0.00013		0.00435	mg/L	1	3/13/2010 6:12:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		71.2	%REC	1	3/13/2010 6:12:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		45.1	%REC	1	3/13/2010 6:12:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		76.2	%REC	1	3/13/2010 6:12:00 AM	MAN
Surr: Phenol-d5		11-42.8		29.7	%REC	1	3/13/2010 6:12:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		83.2	%REC	1	3/13/2010 6:12:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0	J	0.7	µg/L	1	3/15/2010 3:22:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 3:22:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 3:22:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 3:22:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		109.4	%REC	1	3/15/2010 3:22:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		109.3	%REC	1	3/15/2010 3:22:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		100.4	%REC	1	3/15/2010 3:22:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-021

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-115

**Collection Date:** 3/9/2010 1:40:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		101.8	%REC	1	3/15/2010 3:22:00 PM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.280		0.406	mg/L	40	3/17/2010 3:40:35 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-022  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-116  
**Collection Date:** 3/9/2010 11:00:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/13/2010 9:44:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		70.8	%REC	1	3/13/2010 9:44:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		42.0	%REC	1	3/13/2010 9:44:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		82.0	%REC	1	3/13/2010 9:44:00 AM	MAN
Surr: Phenol-d5		11-42.8		29.1	%REC	1	3/13/2010 9:44:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		87.4	%REC	1	3/13/2010 9:44:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 3:53:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 3:53:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 3:53:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 3:53:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		104.9	%REC	1	3/15/2010 3:53:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		108.6	%REC	1	3/15/2010 3:53:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		97.2	%REC	1	3/15/2010 3:53:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-022

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-116

**Collection Date:** 3/9/2010 11:00:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		102.4	%REC	1	3/15/2010 3:53:00 PM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		0.015	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-023  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-117  
**Collection Date:** 3/9/2010 10:55:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/14/2010 9:10:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		68.8	%REC	1	3/14/2010 9:10:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		40.2	%REC	1	3/14/2010 9:10:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		77.4	%REC	1	3/14/2010 9:10:00 PM	MAN
Surr: Phenol-d5		11-42.8		29.2	%REC	1	3/14/2010 9:10:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		69.6	%REC	1	3/14/2010 9:10:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 4:24:00 PM	CCF
Ethylbenzene	NELAP	5.0	S	ND	µg/L	1	3/15/2010 4:24:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 4:24:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 4:24:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.1	%REC	1	3/15/2010 4:24:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		106.5	%REC	1	3/15/2010 4:24:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		99.1	%REC	1	3/15/2010 4:24:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-023  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-117  
Collection Date: 3/9/2010 10:55:00 AM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		105.2	%REC	1	3/15/2010 4:24:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	3/16/2010 1:02:59 PM	RCE

### Sample Narrative

SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

Matrix interference present in sample.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-024

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-118

**Collection Date:** 3/8/2010 3:30:00 PM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00225	mg/L	1	3/14/2010 9:44:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/14/2010 9:44:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		66.2	%REC	1	3/14/2010 9:44:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		43.2	%REC	1	3/14/2010 9:44:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		73.1	%REC	1	3/14/2010 9:44:00 PM	MAN
Surr: Phenol-d5		11-42.8		28.0	%REC	1	3/14/2010 9:44:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		59.5	%REC	1	3/14/2010 9:44:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 5:57:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 5:57:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 5:57:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 5:57:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		107.9	%REC	1	3/15/2010 5:57:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		112.2	%REC	1	3/15/2010 5:57:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		101.8	%REC	1	3/15/2010 5:57:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-024  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-118  
Collection Date: 3/8/2010 3:30:00 PM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surf: Toluene-d8		84.3-114		101.3	%REC	1	3/15/2010 5:57:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.067	mg/L	1	3/16/2010 1:02:59 PM	RCE

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-025  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-122  
Collection Date: 3/10/2010 10:30:00 AM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/14/2010 10:19:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		71.4	%REC	1	3/14/2010 10:19:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		40.7	%REC	1	3/14/2010 10:19:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		84.2	%REC	1	3/14/2010 10:19:00 PM	MAN
Surr: Phenol-d5		11-42.8		28.6	%REC	1	3/14/2010 10:19:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		58.8	%REC	1	3/14/2010 10:19:00 PM	MAN
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 6:28:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 6:28:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 6:28:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 6:28:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		108.9	%REC	1	3/15/2010 6:28:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		108.2	%REC	1	3/15/2010 6:28:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		99.9	%REC	1	3/15/2010 6:28:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP

WorkOrder: 10030463

Lab ID: 10030463-025

Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ

Client Sample ID: UMW-122

Collection Date: 3/10/2010 10:30:00 AM

Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: Toluene-d8		84.3-114		100	%REC	1	3/15/2010 6:28:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		0.122	mg/L	1	3/16/2010 1:02:59 PM	RCE

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-026

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-123

**Collection Date:** 3/10/2010 9:15:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00270	mg/L	1	3/14/2010 10:54:00 PM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Dibenz(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Naphthalene	NELAP	0.00010	J	0.00010	mg/L	1	3/14/2010 10:54:00 PM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/14/2010 10:54:00 PM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		73.8	%REC	1	3/14/2010 10:54:00 PM	MAN
Surr: 2-Fluorophenol		16.8-65.9		45.4	%REC	1	3/14/2010 10:54:00 PM	MAN
Surr: Nitrobenzene-d5		37.6-105		84.0	%REC	1	3/14/2010 10:54:00 PM	MAN
Surr: Phenol-d5		11-42.8		30.3	%REC	1	3/14/2010 10:54:00 PM	MAN
Surr: p-Terphenyl-d14		49-113		74.3	%REC	1	3/14/2010 10:54:00 PM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 6:58:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 6:58:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 6:58:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 6:58:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		105.5	%REC	1	3/15/2010 6:58:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		109.7	%REC	1	3/15/2010 6:58:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		100.7	%REC	1	3/15/2010 6:58:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10030463

**Lab ID:** 10030463-026

**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ

**Client Sample ID:** UMW-123

**Collection Date:** 3/10/2010 9:15:00 AM

**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		102.3	%REC	1	3/15/2010 6:58:00 PM	CCF
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10030463  
Lab ID: 10030463-027  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-300  
Collection Date: 3/10/2010 8:15:00 AM  
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Acenaphthene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Anthracene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Chrysene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Dibenzofuran	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Diethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Dimethyl phthalate	NELAP	0.00100		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Di-n-butyl phthalate	NELAP	0.00100		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Fluoranthene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Fluorene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
m,p-Cresol	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Naphthalene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
o-Cresol	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Phenanthrene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Pyrene	NELAP	0.00010		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Total PNAs except Naphthalene		0.00013		ND	mg/L	1	3/15/2010 1:01:00 AM	MAN
Surr: 2-Fluorobiphenyl		41.1-108		68.2	%REC	1	3/15/2010 1:01:00 AM	MAN
Surr: 2-Fluorophenol		16.8-65.9		34.9	%REC	1	3/15/2010 1:01:00 AM	MAN
Surr: Nitrobenzene-d5		37.6-105		75.4	%REC	1	3/15/2010 1:01:00 AM	MAN
Surr: Phenol-d5		11-42.8		26.3	%REC	1	3/15/2010 1:01:00 AM	MAN
Surr: p-Terphenyl-d14		49-113		65.8	%REC	1	3/15/2010 1:01:00 AM	MAN
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		ND	µg/L	1	3/15/2010 7:29:00 PM	CCF
Ethylbenzene	NELAP	5.0		ND	µg/L	1	3/15/2010 7:29:00 PM	CCF
Toluene	NELAP	5.0		ND	µg/L	1	3/15/2010 7:29:00 PM	CCF
Xylenes, Total	NELAP	5.0		ND	µg/L	1	3/15/2010 7:29:00 PM	CCF
Surr: 1,2-Dichloroethane-d4		74.7-129		107.8	%REC	1	3/15/2010 7:29:00 PM	CCF
Surr: 4-Bromofluorobenzene		86-119		108.7	%REC	1	3/15/2010 7:29:00 PM	CCF
Surr: Dibromofluoromethane		81.7-123		100.5	%REC	1	3/15/2010 7:29:00 PM	CCF

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10030463  
**Lab ID:** 10030463-027  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-300  
**Collection Date:** 3/10/2010 8:15:00 AM  
**Matrix:** AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Toluene-d8		84.3-114		100.7	%REC	1	3/15/2010 7:29:00 PM	CCF
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	3/16/2010 1:02:59 PM	RCE

**Sample Narrative**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign

## DATES REPORT

**Lab Order:** 10030463  
**Report Date:** 01-Apr-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10030463-001A	UMW-119	3/8/2010	Aqueous	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 12:13:00 PM
10030463-001B				SW-846 9012A (Total)		3/18/2010 11:09:43 AM
10030463-001C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 1:00:00 AM
10030463-002A	UMW-120			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 12:50:00 PM
10030463-002B				SW-846 9012A (Total)		3/12/2010 6:02:31 PM
10030463-002C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 1:31:00 AM
10030463-003A	UMW-121			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 1:25:00 PM
10030463-003B				SW-846 9012A (Total)		3/18/2010 11:09:43 AM
10030463-003C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 2:02:00 AM
10030463-004A	UMW-302			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 2:01:00 PM
				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/13/2010 7:59:00 AM
10030463-004B				SW-846 9012A (Total)		3/18/2010 11:09:43 AM
10030463-004C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 2:33:00 AM
10030463-005A	UMW-902			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 2:37:00 PM
				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/13/2010 8:35:00 AM
10030463-005B				SW-846 9012A (Total)		3/18/2010 11:09:43 AM
10030463-005C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 3:03:00 AM
10030463-006A	UMW-303	3/9/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 7:41:00 PM
10030463-006B				SW-846 9012A (Total)		3/12/2010 6:02:31 PM
				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-006C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 3:34:00 AM
10030463-008A	UMW-305	3/8/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 9:27:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign  
**Lab Order:** 10030463  
**Report Date:** 01-Apr-10

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10030463-008B	UMW-305	3/8/2010	Aqueous	SW-846 9012A (Total)		3/18/2010 11:09:43 AM
10030463-008C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 5:07:00 AM
10030463-009A	UMW-306			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 10:03:00 PM
10030463-009B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-009C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 5:38:00 AM
10030463-010A	UMW-307	3/9/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 10:38:00 PM
10030463-010B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-010C				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-011A	UMW-907			SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 6:09:00 AM
10030463-011B				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 2:21:00 PM	3/12/2010 11:14:00 PM
10030463-011C				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-012A	Trip Blank	2/3/2010		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 12:29:00 AM
10030463-013A	UMW-102	3/10/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:40 PM	3/12/2010 11:50:00 PM
10030463-013B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-013C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 7:11:00 AM
10030463-014A	UMW-104	3/9/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 12:26:00 AM
10030463-014B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-014C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 7:41:00 AM
10030463-015A	UMW-105	3/8/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 1:02:00 AM
10030463-015B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-015C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/13/2010 8:12:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

**Project:** A831-735002-012901-225/IP Champaign

**Lab Order:** 10030463

**Report Date:** 01-Apr-10

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10030463-016A	UMW-106R	3/10/2010	Aqueous	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 1:37:00 AM
10030463-016B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-016C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 12:48:00 PM
10030463-017A	UMW-107	3/9/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 2:13:00 AM
10030463-017B				SW-846 9012A (Total)		3/17/2010 3:40:35 PM
10030463-017C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 1:19:00 PM
10030463-018A	UMW-108			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 2:49:00 AM
10030463-018B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-018C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 1:49:00 PM
10030463-019A	UMW-109	3/8/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 3:25:00 AM
10030463-019B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-019C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 2:20:00 PM
10030463-020A	UMW-111A	3/9/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 4:01:00 AM
10030463-020B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-020C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 2:51:00 PM
10030463-021A	UMW-115			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 6:12:00 AM
10030463-021B				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 9:09:00 AM
10030463-021C				SW-846 9012A (Total)		3/17/2010 3:40:35 PM
10030463-022A	UMW-116			SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 3:22:00 PM
10030463-022B				SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/11/2010 4:25:39 PM	3/13/2010 9:44:00 AM
10030463-022C				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 3:53:00 PM

## ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005**Client:** PSC Industrial Outsourcing, LP**Project:** A831-735002-012901-225/IP Champaign**Lab Order:** 10030463**Report Date:** 01-Apr-10**DATES REPORT**

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10030463-023A	UMW-117	3/9/2010	Aqueous	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/12/2010 12:32:22 PM	3/14/2010 9:10:00 PM
10030463-023B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-023C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 4:24:00 PM
10030463-024A	UMW-118	3/8/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/12/2010 12:32:21 PM	3/14/2010 9:44:00 PM
10030463-024B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-024C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 5:57:00 PM
10030463-025A	UMW-122	3/10/2010		SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/12/2010 12:32:22 PM	3/14/2010 10:19:00 PM
10030463-025B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-025C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 6:28:00 PM
10030463-026A	UMW-123			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/12/2010 12:32:22 PM	3/14/2010 10:54:00 PM
10030463-026B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-026C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 6:58:00 PM
10030463-027A	UMW-300			SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	3/12/2010 12:32:22 PM	3/15/2010 1:01:00 AM
10030463-027B				SW-846 9012A (Total)		3/16/2010 1:02:59 PM
10030463-027C				SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS		3/15/2010 7:29:00 PM

## ANALYTICAL QC SUMMARY REPORT

**Key QC concepts:**

- CCV** Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF** Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DUP** Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- LCS** Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.
- LCSD** Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MS** Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.
- MSD** Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MDL** Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MB/LCB** Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LQO) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.
- RL** The reporting limit or lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD** Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.
- SPK** The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.
- | Qualifiers                                 |   |                                   |                                      |  |  |  |
|--|---|-----------------------------------|--------------------------------------|--|--|--|
| DF - Dilution Factor                       | B - Analyte detected in the associated Method Blank | C - Client requested RL below PQL | MI - Matrix interference             |  |  |  |
| RL - Reporting Limit                       | J - Analyte detected below reporting limits         | D - Diluted out of sample         | DNI - Did not ignite                 |  |  |  |
| ND - Not Detected at the Reporting Limit   | R - RPD outside accepted recovery limits            | IDPH - IL Dept. of Public Health  | E - Value above quantitation range   |  |  |  |
| Surr - Surrogate Standard added by lab     | S - Spike Recovery outside accepted recovery limits | Q - QC criteria failed            | H - Holding time exceeded            |  |  |  |
| TNTC - Too numerous to count ( > 200 CFU ) | X - Value exceeds Maximum Contaminant Level         | # - Unknown hydrocarbon           | NELAP - IL ELAP and NELAP Accredited |  |  |  |

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/IP Campaign  
Lab Order: 10030463 Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: A\_TCND\_S\_AT\_9012A

Sample ID:	MB-R133317	SampType:	MBLK	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133317		
Client ID:	ZZZZZZ	Batch ID:	R133317	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	SeqNo: 2547327
Analyte	Cyanide		0.009	0.007											
Sample ID:	LCS-R133317	SampType:	LCS	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133317		
Client ID:	ZZZZZZ	Batch ID:	R133317	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	B
Analyte	Cyanide		0.091	0.007	0.1000	0	90.7	90	110						
Sample ID:	MB-R133388	SampType:	MBLK	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133388		
Client ID:	ZZZZZZ	Batch ID:	R133388	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	A
Analyte	Cyanide		< 0.007	0.007											
Sample ID:	LCS-R133388	SampType:	LCS	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133388		
Client ID:	ZZZZZZ	Batch ID:	R133388	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	C
Analyte	Cyanide		0.093	0.007	0.1000	0	93.0	90	110						
Sample ID:	10030463-009BMS	SampType:	MS	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133388		
Client ID:	UMW-306MS	Batch ID:	R133388	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	D
Analyte	Cyanide		0.079	0.007	0.05000	0.03146	95.4	75	125						
Sample ID:	10030463-009BMSD	SampType:	MSD	Units: mg/L			Prep Date:			Analysis Date:			RunNo: 133388		
Client ID:	UMW-306MSD	Batch ID:	R133388	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	E
Analyte	Cyanide														

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/IP Campaign  
Lab Order: 10030463 Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: A\_TCND\_S\_AT\_9012A

Sample ID:	10030463-009BMSD	SampType:	MSD	Units: mg/L				Prep Date:				Analysis Date:				RunNo: 133388				SeqNo: 2549665				
Client ID:	UMW-306MSD	Batch ID:	R133388																					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Cyanide	0.093	0.007	0.05000	0.03146	123.9	75	125	0.07916	16.5	15	R													
Sample ID:	10030463-006BMS	SampType:	MS	Units: mg/L				Prep Date:				Analysis Date:				RunNo: 133388				SeqNo: 2549729				
Client ID:	UMW-303MS	Batch ID:	R133388																					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Cyanide	0.121	0.014	0.1000	0	121.1	75	125																	
Sample ID:	10030463-006BMSD	SampType:	MSD	Units: mg/L				Prep Date:				Analysis Date:				RunNo: 133388				SeqNo: 2549730				
Client ID:	UMW-303MSD	Batch ID:	R133388																					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Cyanide	0.113	0.014	0.1000	0	113.4	75	125	0.1211	16.3	15														
Sample ID:	MB-R133622	SampType:	MBLK	Units: mg/L				Prep Date:				Analysis Date:				RunNo: 133622				SeqNo: 2555928				
Client ID:	ZZZZZZ	Batch ID:	R133622																					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Cyanide	< 0.007	0.007																						
Sample ID:	LCS-R133622	SampType:	LCS	Units: mg/L				Prep Date:				Analysis Date:				RunNo: 133622				SeqNo: 2555929				
Client ID:	ZZZZZZ	Batch ID:	R133622																					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Cyanide	0.086	0.007	0.1000	0	85.7	85	115																	

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/TP Champaign  
Lab Order: 10030463 Report Date: 01-Apr-10

ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_W\_SIIMS

Sample ID: MB-58991	SampType: MBLK	Batch ID: 58991	Result	PQL	SPK value	SPK Ref Val	%REC	Units: mg/L	Prep Date: 3/11/2010	Analysis Date: 3/12/2010	RunNo: 133238	SeqNo: 2545010
2-Methylnaphthalene	ND	0.00010										
Acenaphthene	ND	0.00010										
Acenaphthylene	ND	0.00010										
Anthracene	ND	0.00010										
Benz(a)anthracene	ND	0.00010										
Benz(a)pyrene	ND	0.00010										
Benzo(b)fluoranthene	ND	0.00010										
Benzo(g,h,i)perylene	ND	0.00010										
Benzo(k)fluoranthene	ND	0.00010										
Bis(2-ethylhexyl)phthalate	ND	0.00200										
Chrysene	ND	0.00010										
Dibenzo(a,h)anthracene	ND	0.00010										
Diethyl phthalate	ND	0.00100										
Dimethyl phthalate	ND	0.00100										
Di-n-butyl phthalate	ND	0.00100										
Fluoranthene	ND	0.00010										
Fluorene	ND	0.00010										
Indeno(1,2,3-cd)pyrene	ND	0.00010										
m,p-Cresol	ND	0.00010										
Naphthalene	ND	0.00010										
o-Cresol	ND	0.00010										
Phenanthrene	ND	0.00010										
Pyrene	ND	0.00010										
Surr: 2-Fluorobiphenyl	0.00346	0.005000						69.2	41.9	97.9		
Surr: 2-Fluorophenol	0.00405	0.01000						40.5	16.1	79.2		
Surr: Nitrobenzene-d5	0.00409	0.005000						81.8	39.9	106		
Surr: Phenol-d5	0.00271	0.01000						27.1	9.94	53.7		
Surr: p-Terphenyl-d14	0.00427	0.005000						85.4	53	116		

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/PI Champaign  
Lab Order: 10030463 Report Date: 01-Apr-10

ANALYTICAL QC SUMMARY REPORT  
TestCode: SV\_8270S\_W\_SIAMS

Sample ID: LCS-58991	SampType: LCS	Batch ID: 58991	PQL	SPK value	SPK Ref Val	%REC	Units: mg/L	SW3510C	Prep Date: 3/11/2010	Analysis Date: 3/12/2010	RPD Ref Val	%RPD	RPDLimit	Qual	
2-Methylnaphthalene	0.00373	0.00010	0.005000	0	74.5	50	150								
Acenaphthene	0.00416	0.00010	0.005000	0	83.2	50.1	103								
Acenaphthylene	0.00422	0.00010	0.005000	0	84.4	53.3	122								
Anthracene	0.00512	0.00010	0.005000	0	102.3	57.4	110								
Benz(a)anthracene	0.00409	0.00010	0.005000	0	81.8	56	102								
Benzo(a)pyrene	0.00448	0.00010	0.005000	0	89.6	55.4	125								
Benzo(b)fluoranthene	0.00455	0.00010	0.005000	0	91.1	59.3	127								
Benzo(g,h,i)perylene	0.00470	0.00010	0.005000	0	94.0	58.4	125								
Benzo(k)fluoranthene	0.00458	0.00010	0.005000	0	91.7	61.5	125								
Bis(2-ethylhexyl)phthalate	0.00482	0.00200	0.005000	0	96.3	63.2	152								
Chrysene	0.00452	0.00010	0.005000	0	90.5	58.7	118								
Dibenzo(a,h)anthracene	0.00465	0.00010	0.005000	0	92.9	59.3	126								
Diethyl phthalate	0.00447	0.00100	0.005000	0	89.4	55.3	133								
Dimethyl phthalate	0.00435	0.00100	0.005000	0	86.9	55.7	112								
Di-n-butyl phthalate	0.00446	0.00100	0.005000	0	89.3	61.5	130								
Fluoranthene	0.00464	0.00010	0.005000	0	92.8	60.1	117								
Florene	0.00423	0.00010	0.005000	0	84.6	54.1	110								
Indeno(1,2,3-cd)pyrene	0.00463	0.00010	0.005000	0	92.5	58.1	123								
m,p-Cresol	0.00306	0.00010	0.005000	0	61.2	17.9	107								
Naphthalene	0.00383	0.00010	0.005000	0	76.6	36.3	97.1								
o-Cresol	0.00299	0.00010	0.005000	0	59.8	20.5	109								
Phenanthrene	0.00437	0.00010	0.005000	0	87.4	55.9	107								
Pyrene	0.00452	0.00010	0.005000	0	90.5	61.4	116								
Surr: 2-Fluorobiphenyl	0.00307	0.005000	0.005000	0	61.4	41.9	97.9								
Surr: 2-Fluorophenol	0.00500	0.01000	0.01000	0	50.0	16.1	79.2								
Surr: Nitrobenzene-d5	0.00380	0.005000	0.005000	0	76.0	39.9	106								
Surr: Phenol-d5	0.00309	0.01000	0.01000	0	30.9	9.94	53.7								
Surr: p-Terphenyl-d14	0.00393	0.005000	0.005000	0	78.6	53	116								

Client: PSC Industrial Outsourcing, LP  
 Project: A831-735002-012901-225/IP Campaign  
 Lab Order: 10030463      Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_W\_SIMS

Sample ID:	LCSD-58991	SampType:	LCSD	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Client ID:	2zzzzz	Batch ID:	58991										
Analyte		Result											
2-Methylnaphthalene	0.00350	0.00010	0.00500	0	70.0	50	150	0.003727	6.28	40			
Acenaphthene	0.00385	0.00010	0.00500	0	77.1	50.1	103	0.004162	7.71	50			
Acenaphthylene	0.00382	0.00010	0.00500	0	76.5	53.3	122	0.004218	9.77	50			
Anthracene	0.00474	0.00010	0.00500	0	94.8	57.4	110	0.005115	7.57	50			
Benz(a)anthracene	0.00378	0.00010	0.00500	0	75.6	56	102	0.004092	7.98	50			
Benz(a)pyrene	0.00422	0.00010	0.00500	0	84.4	55.4	125	0.004481	5.98	50			
Benz(b)fluoranthene	0.00418	0.00010	0.00500	0	83.7	59.3	127	0.004554	8.49	50			
Benz(g,h,i)perylene	0.00427	0.00010	0.00500	0	85.4	58.4	125	0.004702	9.63	50			
Benz(k)fluoranthene	0.00415	0.00010	0.00500	0	83.0	61.5	125	0.004584	9.96	50			
Bis(2-ethylhexyl)phthalate	0.00538	0.00200	0.00500	0	107.6	63.2	152	0.004816	11.1	50			
Chrysene	0.00407	0.00010	0.00500	0	81.4	58.7	118	0.004523	10.6	50			
Dibenz(a,h)anthracene	0.00425	0.00010	0.00500	0	85.0	59.3	126	0.004646	8.90	50			
Diethyl phthalate	0.00425	0.00100	0.00500	0	85.0	55.3	133	0.004471	5.02	40			
Dimethyl phthalate	0.00407	0.00100	0.00500	0	81.4	55.7	112	0.004346	6.53	40			
Di-n-butyl phthalate	0.00417	0.00100	0.00500	0	83.3	61.5	130	0.004465	6.90	50			
Fluoranthene	0.00422	0.00010	0.00500	0	84.4	60.1	117	0.004642	9.55	50			
Fluorene	0.00414	0.00010	0.00500	0	82.7	54.1	110	0.004232	2.32	50			
Indeno(1,2,3-cd)pyrene	0.00420	0.00010	0.00500	0	84.0	58.1	123	0.004627	9.65	50			
m,p-Cresol	0.00316	0.00010	0.00500	0	63.2	17.9	107	0.003061	3.21	50			
Naphthalene	0.00351	0.00010	0.00500	0	70.3	36.3	97.1	0.003831	8.63	50			
o-Cresol	0.00332	0.00010	0.00500	0	66.3	20.5	109	0.002991	10.3	50			
Phenanthrene	0.00396	0.00010	0.00500	0	79.1	55.9	107	0.004371	9.99	50			
Pyrene	0.00430	0.00010	0.00500	0	86.0	61.4	116	0.004523	5.01	50			
Surr: 2-Fluorobiphenyl	0.00296	0.00500			59.2	41.9	97.9		0	50			
Surr: 2-Fluorophenol	0.00475	0.01000			47.5	16.1	79.2		0	50			
Surr: Nitrobenzene-d5	0.00334	0.00500			66.8	39.9	106		0	50			
Surr: Phenol-d5	0.00290	0.01000			29.0	9.94	53.7		0	50			
Surr: p-Terphenyl-d14	0.00387	0.00500			77.4	53	116		0	50			

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/JP Champaign  
Lab Order: 10030463 Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_W\_SIMS

Sample ID: MB-59016	SampType: MBLK	Batch ID: 59016	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	0.00010											
Acenaphthene	ND	0.00010											
Acenaphthylene	ND	0.00010											
Anthracene	ND	0.00010											
Benzo(a)anthracene	ND	0.00010											
Benz(a)pyrene	ND	0.00010											
Benzo(b)fluoranthene	ND	0.00010											
Benzo(g,h,i)perylene	ND	0.00010											
Benzo(k)fluoranthene	ND	0.00010											
Bis(2-ethylhexyl)phthalate	ND	0.00200											
Chrysene	ND	0.00010											
Dibenzo(a,h)anthracene	ND	0.00010											
Dibenzofuran	ND	0.00010											
Diethyl phthalate	ND	0.00100											
Dimethyl phthalate	ND	0.00100											
Di-n-butyl phthalate	ND	0.00100											
Fluoranthene	ND	0.00010											
Fluorene	ND	0.00010											
Indeno(1,2,3-cd)pyrene	ND	0.00010											
m,p-Cresol	ND	0.00010											
Naphthalene	ND	0.00010											
o-Cresol	ND	0.00010											
Phenanthrene	ND	0.00010											
Pyrene	ND	0.00010											
Total PNAs except Naphthalene	ND	0.00013											
Surr: 2-Fluorobiphenyl	0.0179	0.02500											
Surr: 2-Fluorophenol	0.0220	0.05000											
Surr: Nitrobenzene-d5	0.0206	0.02500											
Surr: Phenol-d5	0.0138	0.05000											
Surr: p-Terphenyl-d14	0.0205	0.02500											

Client: PSC Industrial Outsourcing, LP  
 Project: A831-735002-012901-225/IP Campaign  
 Lab Order: 10030463      Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_W\_SIMS

Analyte	Sample ID: LCS-59016	Samp Type: LCS	Batch ID: 59016	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
				SW3510C									
2-Methylnaphthalene	0.00389	0.00010	0.005000	0	77.8	50	150						
Acenaphthene	0.00415	0.00010	0.005000	0	83.0	50.1	103						
Acenaphthylene	0.00396	0.00010	0.005000	0	79.3	53.3	122						
Anthracene	0.00485	0.00010	0.005000	0	97.0	57.4	110						
Benz(a)anthracene	0.00397	0.00010	0.005000	0	79.4	56	102						
Benz(a)pyrene	0.00432	0.00010	0.005000	0	86.3	55.4	125						
Benz(b)fluoranthene	0.00438	0.00010	0.005000	0	87.6	59.3	127						
Benz(g,h,i)perylene	0.00453	0.00010	0.005000	0	90.6	58.4	125						
Benz(k)fluoranthene	0.00448	0.00010	0.005000	0	89.6	61.5	125						
Bis(2-ethylhexyl)phthalate	0.00457	0.00200	0.005000	0	91.3	63.2	152						
Chrysene	0.00427	0.00010	0.005000	0	85.4	58.7	118						
Dibenzo(a,h)anthracene	0.00460	0.00010	0.005000	0	91.9	59.3	126						
Dibenzofuran	0.00413	0.00010	0.005000	0	82.7	50	150						
Diethyl phthalate	0.00449	0.00100	0.005000	0	89.7	55.3	133						
Dimethyl phthalate	0.00414	0.00100	0.005000	0	82.8	55.7	112						
Di-n-butyl phthalate	0.00416	0.00100	0.005000	0	83.2	61.5	130						
Fluoranthene	0.00449	0.00010	0.005000	0	89.8	60.1	117						
Fluorene	0.00433	0.00010	0.005000	0	86.7	54.1	110						
Indeno(1,2,3-cd)pyrene	0.00457	0.00010	0.005000	0	91.4	58.1	123						
m,p-Cresol	0.00292	0.00010	0.005000	0	58.4	17.9	107						
Naphthalene	0.00377	0.00010	0.005000	0	75.4	36.3	97.1						
o-Cresol	0.00280	0.00010	0.005000	0	55.9	20.5	109						
Phenanthrene	0.00424	0.00010	0.005000	0	84.8	55.9	107						
Pyrene	0.00444	0.00010	0.005000	0	88.9	61.4	116						
Surr: 2-Fluorobiphenyl	0.0179		0.02500		71.5	41.9	97.9						
Surr: 2-Fluorophenol	0.0239		0.05000		47.8	16.1	79.2						
Surr: Nitrobenzene-d5	0.0192		0.02500		76.7	39.9	106						
Surr: Phenol-d5	0.0153		0.05000		30.5	9.94	53.7						
Surr: p-Terphenyl-d14	0.0196		0.02500		78.2	53	116						

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champ  
**Lab Order:** 10030463      **Report Date:** 0

# ANALYTICAL QC SUMMARY REPORT

Subject: A831-733002-U2901-22391F Cleanipaign  
Lab Order: 10030463  
Report Date: 01-Apr-1

TestCode: SV\_8270S\_W\_SIMS

Sample ID: LCSD-59016	SampType: LCSD	Units: mg/L	Prep Date: 3/12/2010	RunNo: 133238							
Client ID: #####	Batch ID: 59016	SW3510C	Analysis Date: 3/12/2010	SeqNo: 2545974							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	0.00370	0.00010	0.005000	0	74.1	50	150	0.003892	4.95	40	
Acenaphthene	0.00396	0.00010	0.005000	0	79.2	50.1	103	0.004149	4.69	50	
Acenaphthylene	0.00397	0.00010	0.005000	0	79.4	53.3	122	0.003965	0.126	50	
Anthracene	0.00456	0.00010	0.005000	0	91.2	57.4	110	0.004852	6.16	50	
Benzo(a)anthracene	0.00383	0.00010	0.005000	0	76.6	56	102	0.003972	3.59	50	
Benzo(a)pyrene	0.00417	0.00010	0.005000	0	83.5	55.4	125	0.004315	3.32	50	
Benzo(b)fluoranthene	0.00430	0.00010	0.005000	0	86.0	59.3	127	0.004382	1.91	50	
Benzo(g,h,i)perylene	0.00439	0.00010	0.005000	0	87.7	58.4	125	0.004529	3.21	50	
Benzo(k)fluoranthene	0.00435	0.00010	0.005000	0	87.0	61.5	125	0.004481	3.01	50	
Bis(2-ethylhexyl)phthalate	0.00436	0.00020	0.005000	0	87.1	63.2	152	0.004567	4.73	50	
Chrysene	0.00414	0.00010	0.005000	0	82.8	58.7	118	0.004272	3.11	50	
Dibenz(a,h)anthracene	0.00438	0.00010	0.005000	0	87.7	59.3	126	0.004597	4.77	50	
Dibenzofuran	0.00412	0.00010	0.005000	0	82.5	50	150	0.004133	0.218	40	
Diethyl phthalate	0.00461	0.00100	0.005000	0	92.1	55.3	133	0.004486	2.64	40	
Dimethyl phthalate	0.00420	0.00100	0.005000	0	84.1	55.7	112	0.004142	1.46	40	
Di-n-butyl phthalate	0.00396	0.00100	0.005000	0	79.2	61.5	130	0.004160	4.95	50	
Fluoranthene	0.00437	0.00010	0.005000	0	87.4	60.1	117	0.004491	2.78	50	
Fluorene	0.00417	0.00010	0.005000	0	83.3	54.1	110	0.004333	3.91	50	
Indeno(1,2,3-cd)pyrene	0.00438	0.00010	0.005000	0	87.6	58.1	123	0.004569	4.27	50	
m,p-Cresol	0.00307	0.00010	0.005000	0	61.5	17.9	107	0.002920	5.14	50	
Naphthalene	0.00368	0.00010	0.005000	0	73.7	36.3	97.1	0.003769	2.28	50	
o-Cresol	0.00316	0.00010	0.005000	0	63.2	20.5	109	0.002795	12.3	50	
Phenanthrene	0.00412	0.00010	0.005000	0	82.3	55.9	107	0.004240	2.99	50	
Pyrene	0.00416	0.00010	0.005000	0	83.2	61.4	116	0.004444	6.55	50	
Surr: 2-Fluorobiphenyl	0.0178	0.02500	0.02500	71.2	41.9	97.9	0	50	0	50	
Surr: 2-Fluorophenol	0.0236	0.05000	0.05000	47.1	16.1	79.2	0	50	0	50	
Surr: Nitrobenzene-d5	0.0199	0.02500	0.02500	79.6	39.9	106	0	50	0	50	
Surr: Phenol-d5	0.0156	0.05000	0.05000	31.2	9.94	53.7	0	50	0	50	
Surr: p-Terphenyl-d14	0.0192	0.02500	0.02500	76.8	53	116	0	50	0	50	

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Campaign  
**Lab Order:** 10030463      **Report Date:** 01-Apr-10

# ANALYTICAL QC SUMMARY REPORT

Subject: A831-33002-012901-223/F Campaign Report Date: 01-Apr-10

Report Date: 01-Apr-10

Sample ID:	10030463-006AMS	SampType:	MS	Prep Date:	3/11/2010	RunNo:	133238					
Client ID:	UMW-303MS	Batch ID:	58991	Analysis Date:	3/12/2010	SeqNo:	2545976					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene		0.00412	0.00010	0.005000	0	82.4	50	50	50	50		
Acenaphthene		0.00437	0.00010	0.005000	0	87.3	42.4	117	42.4	117		
Acenaphthylene		0.00447	0.00010	0.005000	0	89.3	48.4	133	48.4	133		
Anthracene		0.00510	0.00010	0.005000	0	102.0	52.4	115	52.4	115		
Benzo(a)anthracene		0.00414	0.00010	0.005000	0	82.7	50.8	105	50.8	105		
Benzo(a)pyrene		0.00435	0.00010	0.005000	0	93.0	53.3	126	53.3	126		
Benzo(b)fluoranthene		0.00418	0.00010	0.005000	0	95.6	53.5	131	53.5	131		
Benzo(g,h,i)perylene		0.00484	0.00010	0.005000	0	96.8	54.6	127	54.6	127		
Benzo(k)fluoranthene		0.00468	0.00010	0.005000	0	93.5	56.2	128	56.2	128		
Bis(2-ethylhexyl)phthalate		0.00528	0.00020	0.005000	0	105.5	57.2	152	57.2	152		
Chrysene		0.00450	0.00010	0.005000	0	90.0	54.4	122	54.4	122		
Dibenz(a,h)anthracene		0.00486	0.00010	0.005000	0	97.2	54.8	127	54.8	127		
Dibenzofuran		0.00467	0.00010	0.005000	0	93.4	50	150	50	150		
Diethyl phthalate		0.00465	0.00010	0.005000	0	93.0	55.3	133	55.3	133		
Dimethyl phthalate		0.00463	0.00010	0.005000	0	92.5	55.7	112	55.7	112		
Di-n-butyl phthalate		0.00483	0.00010	0.005000	0	96.6	62.8	127	62.8	127		
Fluoranthene		0.00480	0.00010	0.005000	0	95.9	54.5	122	54.5	122		
Fluorene		0.00456	0.00010	0.005000	0	91.1	47.7	119	47.7	119		
Indeno(1,2,3-cd)pyrene		0.00479	0.00010	0.005000	0	95.7	53.2	125	53.2	125		
m,p-Cresol		0.00314	0.00010	0.005000	0	62.8	17.9	107	17.9	107		
Naphthalene		0.00353	0.00010	0.005000	0	78.6	36.3	107	36.3	107		
o-Cresol		0.00314	0.00010	0.005000	0	62.8	20.5	109	20.5	109		
Phenanthrene		0.00462	0.00010	0.005000	0	92.4	51	112	51	112		
Pyrene		0.00472	0.00010	0.005000	0	94.5	55.9	121	55.9	121		
Surr: 2-Fluorobiphenyl		0.00366		0.005000		73.2	41.1	108	41.1	108		
Surr: 2-Fluorophenol		0.00449		0.01000		44.9	16.8	65.9	16.8	65.9		
Surr: Nitrobenzene-d5		0.00383		0.005000		76.6	37.6	105	37.6	105		
Surr: Phenol-d5		0.00285		0.01000		28.5	11	42.8	11	42.8		
Surr: p-Terphenyl-d14		0.00403		0.005000		80.6	49	113	49	113		

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/JP Champaign  
**Lab Order:** 10030463      **Report Date:** 01-Apr-10

## **ANALYTICAL QC SUMMARY REPORT**

**Project:** A831-733002-U-12301-2231F Campaign  
**Lab Order:** 10030463      **Report Date:** 01-Apr-

Sample ID: 10030463-006AMSD	SampType: MSD	Prep Date: 3/11/2010	RunNo: 133238								
Client ID: UMW-303MSD	Batch ID: 58991	Analysis Date: 3/12/2010	SeqNo: 2545977								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	0.00408	0.00010	0.005000	0	81.6	50	150	0.004119	0.976	40	
Acenaphthene	0.00413	0.00010	0.005000	0	82.6	42.4	117	0.004367	5.55	50	
Acenaphthylene	0.00413	0.00010	0.005000	0	82.6	48.4	133	0.004467	7.82	50	
Anthracene	0.00491	0.00010	0.005000	0	98.1	52.4	115	0.005102	3.94	50	
Benzo(a)anthracene	0.00395	0.00010	0.005000	0	79.1	50.8	105	0.004136	4.52	50	
Benzo(a)pyrene	0.00429	0.00010	0.005000	0	85.8	53.3	126	0.004648	7.99	50	
Benzo(b)fluoranthene	0.00449	0.00010	0.005000	0	89.9	53.5	131	0.004778	6.13	50	
Benzo(g,h,i)perylene	0.00468	0.00010	0.005000	0	93.5	54.6	127	0.004841	3.47	50	
Benzo(k)fluoranthene	0.00448	0.00010	0.005000	0	89.7	56.2	128	0.004676	4.19	50	
Bis(2-ethylhexyl)phthalate	0.00507	0.00200	0.005000	0	101.4	57.2	152	0.005277	4.04	50	
Chrysene	0.00433	0.00010	0.005000	0	86.6	54.4	122	0.004499	3.87	50	
Dibenzo(a,h)anthracene	0.00469	0.00010	0.005000	0	93.8	54.8	127	0.004859	3.52	50	
Dibenzofuran	0.00438	0.00010	0.005000	0	87.5	50	150	0.004668	6.46	40	
Diethyl phthalate	0.00442	0.000100	0.005000	0	88.3	55.3	133	0.004651	5.21	40	
Dimethyl phthalate	0.00453	0.000100	0.005000	0	90.7	55.7	112	0.004627	2.05	40	
Di-n-butyl phthalate	0.00440	0.000100	0.005000	0	88.0	62.8	127	0.004829	9.34	50	
Fluoranthene	0.00438	0.00010	0.005000	0	87.5	54.5	122	0.004796	9.18	50	
Fluorene	0.00425	0.00010	0.005000	0	85.0	47.7	119	0.004556	6.90	50	
Indeno(1,2,3-cd)pyrene	0.00467	0.00010	0.005000	0	93.3	53.2	125	0.004787	2.56	50	
m,p-Cresol	0.00290	0.00010	0.005000	0	58.0	17.9	107	0.003140	7.88	50	
Naphthalene	0.00399	0.00010	0.005000	0	79.8	36.3	107	0.003932	1.46	50	
o-Cresol	0.00270	0.00010	0.005000	0	53.9	20.5	109	0.003140	15.3	50	
Phenanthrene	0.00444	0.00010	0.005000	0	88.7	51	112	0.004620	4.06	50	
Pyrene	0.00448	0.00010	0.005000	0	89.5	55.9	121	0.004723	5.39	50	
Surr: 2-Fluorobiphenyl	0.00366	0.005000	0.01000	0	73.2	41.1	108	0	50	0	
Surr: 2-Fluorophenol	0.00446	0.005000	0.01000	0	44.6	16.8	65.9	105	0	50	
Surr: Nitrobenzene-d5	0.00393	0.005000	0.01000	0	78.6	37.6	11	42.8	0	50	
Surr: Phenol-d5	0.00294	0.005000	0.01000	0	29.4	11	113	49	0	50	
Surr: p-Terphenyl-d14	0.00400	0.005000	0.01000	0	80.0	10	113	49	0	50	

Client: PSC Industrial Outsourcing, LP  
 Project: A831-735002-012901-225/IP Champaign  
 Lab Order: 10030463      Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: V\_BTEX\_W

Sample ID:	LCS-T100312-1	SampType:	LCS	Batch ID:	59033	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	SW5030	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		47.0	2.0	50.00	0	94.0	82.7	117										
Toluene		49.4	5.0	50.00	0	98.9	79.6	116										
Ethylbenzene		50.0	5.0	50.00	0	99.9	83	113										
Xylenes, Total		157	5.0	150.0	0	104.6	80.3	120										
Surr: 1,2-Dichloroethane-d4		60.8		50.00		121.5	74.7	129										
Surr: 4-Bromofluorobenzene		47.6		50.00		95.2	86	119										
Surr: Dibromofluoromethane		51.3		50.00		102.5	81.7	123										
Surr: Toluene-d8		52.6		50.00		105.2	84.3	114										
Sample ID:	LCSD-T100312-1	SampType:	LCSD	Batch ID:	59033	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	SW5030	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Client ID:	ZZZZZZ																	
Benzene		48.2	2.0	50.00	0	96.4	82.7	117										
Toluene		51.9	5.0	50.00	0	103.8	79.6	116										
Ethylbenzene		51.2	5.0	50.00	0	102.5	83	113										
Xylenes, Total		161	5.0	150.0	0	107.3	80.3	120										
Surr: 1,2-Dichloroethane-d4		61.2		50.00		122.4	74.7	129										
Surr: 4-Bromofluorobenzene		48.5		50.00		97.0	86	119										
Surr: Dibromofluoromethane		50.7		50.00		101.4	81.7	123										
Surr: Toluene-d8		51.2		50.00		102.3	84.3	114										
Sample ID:	MBLK-T100312-1	SampType:	MBLK	Batch ID:	59033	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	SW5030	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Client ID:	ZZZZZZ																	
Benzene		ND	2.0															
Toluene		ND	5.0															
Ethylbenzene		ND	5.0															
Xylenes, Total		ND	5.0															

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/IP Champaign  
Lab Order: 10030463 Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: V\_BTEX\_W

Sample ID:	MBLK-T100312-1	SampType:	MBLK	Result	PQL	SPK value	SPK Ref Val	%REC	Units: µg/L	SW5030	Prep Date:	3/12/2010	RunNo:	133274
Client ID:	zzzzzz	Batch ID:	59033								Analysis Date:	3/12/2010	SeqNo:	2546045
Analyte														
Surr: 1,2-Dichloroethane-d4		55.3		50.00					110.6		74.7	129		
Surr: 4-Bromofluorobenzene		55.5		50.00					111.0		86	119		
Surr: Dibromofluoromethane		52.3		50.00					104.7		81.7	123		
Surr: Toluene-d8		51.8		50.00					103.6		84.3	114		
Sample ID:	10030463-006CMS	SampType:	MS	Result	PQL	SPK value	SPK Ref Val	%REC	Units: µg/L	SW5030	Prep Date:	3/12/2010	RunNo:	133274
Client ID:	UMW-303MS	Batch ID:	59033								Analysis Date:	3/13/2010	SeqNo:	2546053
Analyte														
Benzene	60.6	2.0	56.00	0				108.2			57.8	125		
Toluene	64.7	5.0	56.00	0				115.5			75.8	123		
Ethylbenzene	68.5	5.0	56.00	0				122.4			72.8	123		
Xylenes, Total	133	5.0	112.0	0				118.4			73	127		
Surr: 1,2-Dichloroethane-d4		55.6		50.00					111.3		74.7	129		
Surr: 4-Bromofluorobenzene		56.9		50.00					113.8		86	119		
Surr: Dibromofluoromethane		49.7		50.00					99.4		81.7	123		
Surr: Toluene-d8		49.6		50.00					99.2		84.3	114		
Sample ID:	10030463-006CMSD	SampType:	MSD	Result	PQL	SPK value	SPK Ref Val	%REC	Units: µg/L	SW5030	Prep Date:	3/12/2010	RunNo:	133274
Client ID:	UMW-303MSD	Batch ID:	59033								Analysis Date:	3/13/2010	SeqNo:	2546054
Analyte														
Benzene	61.9	2.0	56.00	0				110.5			57.8	125	60.58	2.16
Toluene	65.4	5.0	56.00	0				116.8			75.8	123	64.70	1.12
Ethylbenzene	66.8	5.0	56.00	0				119.3			72.8	123	68.54	2.60
Xylenes, Total	130	5.0	112.0	0				116.1			73	127	132.6	1.93
Surr: 1,2-Dichloroethane-d4		58.4		50.00					116.7		74.7	129		
Surr: 4-Bromofluorobenzene		55.5		50.00					111.1		86	119		
Surr: Dibromofluoromethane		51.6		50.00					103.3		81.7	123		
Surr: Toluene-d8		50.1		50.00					100.2		84.3	114		

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/IP Champaign  
Lab Order: 10030463      Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: V\_BTEX\_W

Sample ID:	LCS-T100315-1	SampType:	LCS	Units:	µg/L	Prep Date:	3/15/2010	RunNo:	133359		
Client ID:	zzzzzz	Batch ID:	59080	SW5030		Analysis Date:	3/15/2010	SeqNo:	2548427		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	45.9	2.0	50.00	0	91.8	82.7	117				
Toluene	47.6	5.0	50.00	0	95.2	79.6	116				
Ethylbenzene	47.5	5.0	50.00	0	94.9	83	113				
Xylenes, Total	152	5.0	150.0	0	101.1	80.3	120				
Surr: 1,2-Dichloroethane-d4	60.2		50.00		120.4	74.7	129				
Surr: 4-Bromofluorobenzene	47.6		50.00		95.3	86	119				
Surr: Dibromofluoromethane	50.4		50.00		100.8	81.7	123				
Surr: Toluene-d8	51.0		50.00		102.1	84.3	114				
Sample ID:	LCSD-T100315-1	SampType:	LCSD	Units:	µg/L	Prep Date:	3/15/2010	RunNo:	133359		
Client ID:	zzzzzz	Batch ID:	59080	SW5030		Analysis Date:	3/15/2010	SeqNo:	2548428		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	47.9	2.0	50.00	0	95.9	82.7	117	45.89	4.35	20	
Toluene	50.2	5.0	50.00	0	100.5	79.6	116	47.62	5.37	20	
Ethylbenzene	50.0	5.0	50.00	0	99.9	83	113	47.46	5.13	20	
Xylenes, Total	159	5.0	150.0	0	105.7	80.3	120	151.6	4.51	0	
Surr: 1,2-Dichloroethane-d4	60.0		50.00		120.1	74.7	129		0	0	
Surr: 4-Bromofluorobenzene	47.4		50.00		94.8	86	119		0	0	
Surr: Dibromofluoromethane	50.6		50.00		101.2	81.7	123		0	0	
Surr: Toluene-d8	52.5		50.00		105.0	84.3	114		0	0	
Sample ID:	MBLK-T100315-1	SampType:	MBLK	Units:	µg/L	Prep Date:	3/15/2010	RunNo:	133359		
Client ID:	zzzzzz	Batch ID:	59080	SW5030		Analysis Date:	3/15/2010	SeqNo:	2548429		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	ND										
Toluene	ND										
Ethylbenzene	ND										
Xylenes, Total	ND										

Client: PSC Industrial Outsourcing, LP  
 Project: A831-735002-012901-225/IP Campaign  
 Lab Order: 10030463      Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: V\_BTEX\_W

Sample ID: MBLK-T100315-1		SampType: MBLK				Units: µg/L		Prep Date: 3/15/2010		RunNo: 133359	
Client ID: ZZZZZZ		Batch ID: 59080				SW5030		Analysis Date: 3/15/2010		SeqNo: 2548429	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	52.9		50.00		105.8	74.7	129				
Surr: 4-Bromofluorobenzene	53.4		50.00		106.8	86	119				
Surr: Dibromofluoromethane	49.0		50.00		98.0	81.7	123				
Surr: Toluene-d8	50.6		50.00		101.1	84.3	114				
Sample ID: 10030463-023CMS		SampType: MS				Units: µg/L		Prep Date: 3/15/2010		RunNo: 133359	
Client ID: UMW-117MS		Batch ID: 59080				SW5030		Analysis Date: 3/15/2010		SeqNo: 2548438	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	62.0	2.0	56.00	0	110.8	57.8	125				
Toluene	66.8	5.0	56.00	0	119.4	75.8	123				
Ethylbenzene	70.9	5.0	56.00	0	126.6	72.8	123				
Xylenes, Total	138	5.0	112.0	0	122.9	73	127				S
Surr: 1,2-Dichloroethane-d4	55.6		50.00		111.2	74.7	129				
Surr: 4-Bromofluorobenzene	56.5		50.00		113.0	86	119				
Surr: Dibromofluoromethane	49.5		50.00		99.0	81.7	123				
Surr: Toluene-d8	50.3		50.00		100.7	84.3	114				
Sample ID: 10030463-023CMSD		SampType: MSD				Units: µg/L		Prep Date: 3/15/2010		RunNo: 133359	
Client ID: UMW-117MSD		Batch ID: 59080				SW5030		Analysis Date: 3/15/2010		SeqNo: 2548439	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	59.9	2.0	56.00	0	107.0	57.8	125	62.04	3.49	20	
Toluene	66.5	5.0	56.00	0	118.7	75.8	123	66.85	0.570	20	
Ethylbenzene	67.9	5.0	56.00	0	121.3	72.8	123	70.89	4.25	20	
Xylenes, Total	137	5.0	112.0	0	122.2	73	127	137.6	0.539	20	
Surr: 1,2-Dichloroethane-d4	55.9		50.00		111.9	74.7	129		0	0	
Surr: 4-Bromofluorobenzene	56.9		50.00		113.8	86	119		0	0	
Surr: Dibromofluoromethane	49.4		50.00		98.8	81.7	123		0	0	
Surr: Toluene-d8	51.0		50.00		102.1	84.3	114		0	0	

## ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005**Client:** PSC Industrial Outsourcing, LP**Project:** A831-735002-012901-225/IP Champaign**Lab Order:** 10030463**Report Date:** 01-Apr-10**RECEIVING CHECK LIST**

Carrier: Employee

Received By: MLD

Completed by:

On:

10-Mar-10

Dawn Brantley

Reviewed by:

On:

11-Mar-10

Heather A. White

Pages to follow: Chain of custody Extra pages included 

Shipping container/cooler in good condition?

Yes No Not Present Temp °C 

Type of thermal preservation?

None Ice Dry Ice 

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 

Reported field parameters measured:

Field Lab NA 

Container/Temp Blank temperature in compliance?

Yes No 

*When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.*

Water - VOA vials have zero headspace?

Yes No No VOA vials 

Water - TOX containers have zero headspace?

Yes No No TOX containers 

Water - pH acceptable upon receipt?

Yes No 

Any No responses must be detailed below or on the COC.

Samples UMW-106R, UMW-122, UMW-123 were allowed to settle overnight and then decanted and preserved for analysis.



# Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

(618) 281-7173 Phone  
(800) 733-7173  
(618) 281-5120 Fax

COC Serial No. **B** 09593  
100 30463

Project Name: Champaign MSP Project Mgr.: Pete Sazama

Project Number: 624-098-0120 Cost Code: 50002

Sampler(s): Duff, Hoosier, Graven, major Matrix

Name: Tek Lab

Location: Collinsville, IL.

Sample Number and (depth) Date Time

Sample Number and (depth)	Date	Time	Water	Air	Other +	Wipes	Comments (Field PID)	Laboratory Temperature upon Receipt	Lab ID #s
UMW-119	3/8/10	14:30	X	X				1,0 Iced	10030463
UMW-120	3/8/10	13:40	X	X					CD1
UMW-121	3/8/10	14:10	X	X					CD2
UMW-302	3/8/10	14:35	X	X					CD3
UMW-902	3/8/10	14:45	X	X					CD4
UMW-303	3/8/10	12:45	X	X					CD5
MS/MSD	3/9/10	13:45	X	X					CD6
UMW-305	3/8/10	15:50	X	X					CD7
UMW-306	3/8/10	16:30	X	X					CD8
UMW-307	3/9/10	9:25	X	X					CD9
UMW-907	3/8/10	9:30	X	X					CD10
Trip Blank	2/3/10	9:05	X	Z					CD11
									CD12

Samples Iced:  Yes  No

Preservatives (ONLY for Water Samples)

Volatile Organics ..... Hydrochloric acid (HCl)

VOC Soil (5035) ..... Sodium Bisulfate/Methanol

TPH ..... Hydrochloric acid and/or Sulfuric acid (HNO<sub>3</sub>)

Metals ..... Nitric acid (NaOH)

Cyanide ..... Sodium hydroxide

Other (Specify) \_\_\_\_\_

No

Rush

Requested TAT:

Fax and/or Mail Results to:

Pete Sazama / Leslie Heesler

Send Invoice to:

QC Deliverable Requested:  Full QC & Limits  CUP-LIKE  EDD  Other \_\_\_\_\_

Special Guidelines: \_\_\_\_\_

Reporting Limits: \_\_\_\_\_

• Special: \_\_\_\_\_

Lab Directives:

STD

Other

5 Days

Other

Other

Other

Other

Relinquished by:

Carrier / Airbill No.	Date	Time
Jeffrey Johnson	3/10/10	1625

Received by:	Signature	Date	Time
Pete Sazama / Leslie Heesler	3/10/10	1625	



# Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

(618) 281-7173 Phone  
(800) 733-7173  
(618) 281-5120 Fax

COC Serial No. **B** 09592  
100 30463

Project Name: **Champaign AGP** Project Mgr.: **Rek Sarama**  
Project Number: **1024-0908-012D** Cost Code: **J50002**  
Sampler(s): **L. Hooyer / S. Duffe, I.S. Cravens**  
Laboratory: **Teklab - C. Majorczyc**  
Location: **Olinville**

Sample Number and (depth)	Date	Time		Analyses by Method Name and Number			
				Comments (Field PID)	Lab ID #'s	Laboratory Temperature upon Receipt	Total Number of Contaminants
U.MW-102	3/10	1125	X	X X X X X X X X	013	# Decant samples	30763
U.MW-104	3/9	0840	X	X X X X X X X X	014	for Cyanide on	
U.MW-105	3/8	1330	X	X X X X X X X X	015	UWW-1D6R.*	
U.MW-106P	3/10	0935	X	X X X X X X X X	016		
U.MW-107	3/9	1010	X	X X X X X X X X	017		
U.MW-108	3/9	1005	X	X X X X X X X X	018		
U.MW-109	3/8	1610	X	X X X X X X X X	019		
U.MW-111A	3/9	0855	X	X X X X X X X X	020		
U.MW-115	3/9	1340	X	X X X X X X X X	021		
U.MW-116	3/9	1100	X	X X X X X X X X	022		
U.MW-117	3/9	1055	X	X X X X X X X X	023		
U.MW-118	3/8	1630	X	X X X X X X X X	024		

Samples Iced:  Yes  No

Preservatives (ONLY for Water Samples)

- Hydrochloric acid (HCl)
- Sodium Bisulfate/Methanol
- Hydrochloric acid and/or Sulfuric acid (HNO<sub>3</sub>)
- Nitric acid (NaOH)
- Sodium hydroxide
- Other (Specify) \_\_\_\_\_
- Other \_\_\_\_\_

Lab Directives:

- Requested TAT:  Rush  6STD  5 Days
- Fax and/or Mail Results to: Reke Sarama Reke Sarama  Reke Sarama
- Send Invoice to: \_\_\_\_\_
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: \_\_\_\_\_
- \* Special: \_\_\_\_\_

Relinquished by:

Carrier / Airbill No.	Signature	Date	Time
<u>Bob Miller</u>	<u>Bob Miller</u>	3/10/10	1625

Received by:

Signature	Date	Time
<u>Reke Sarama</u>	3/10/10	1625



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

April 01, 2010

Pete Sazama  
PSC Industrial Outsourcing, LP  
210 West Sand Bank Road  
Columbia, IL 62236-0230  
TEL: (618) 281-7173  
FAX: (618) 281-5120



**RE:** A831-735002-012901-225/IP Champaign

**WorkOrder:** 10031150

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 3/10/2010 4:25:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

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

Sincerely,

A handwritten signature in black ink that reads "Heather A. White".

Heather A. White  
Project Manager  
(618)344-1004 ex 20

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

**Project:** A831-735002-012901-225/IP Champaign

**Lab Order:** 10031150

**Report Date:** 01-Apr-10

## SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10031150-001	UMW-307	1	3/9/2010 9:25:00 AM
10031150-002	UMW-907	1	3/9/2010 9:30:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP  
**Project:** A831-735002-012901-225/IP Champaign  
**LabOrder:** 10031150  
**Report Date:** 01-Apr-10

## CASE NARRATIVE

**Cooler Receipt Temp:** °C

**State accreditations:**

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Additional analysis requested to WO#10030463. Sample was re-analyzed outside of hold time requirements.

Qualifiers		
DF - Dilution Factor	B - Analyte detected in the associated Method Blank	C - Client requested RL below PQL
RL - Reporting Limit	J - Analyte detected below reporting limits	D - Diluted out of sample
ND - Not Detected at the Reporting Limit	R - RPD outside accepted recovery limits	E - Value above quantitation range
Surr - Surrogate Standard added by lab	S - Spike Recovery outside accepted recovery limits	H - Holding time exceeded
TNTC - Too numerous to count ( > 200 CFU )	X - Value exceeds Maximum Contaminant Level	MI - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	DNI - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	IDPH - IL Dept. of Public Health	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10031150  
**Lab ID:** 10031150-001  
**Report Date:** 01-Apr-10

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** UMW-307  
**Collection Date:** 3/9/2010 9:25:00 AM  
**Matrix:** GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007	H	0.009	mg/L	1	3/26/2010 10:03:55 AM	RCE

### Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

## LABORATORY RESULTS

Client: PSC Industrial Outsourcing, LP  
WorkOrder: 10031150  
Lab ID: 10031150-002  
Report Date: 01-Apr-10

Client Project: A831-735002-012901-225/IP Champ  
Client Sample ID: UMW-907  
Collection Date: 3/9/2010 9:30:00 AM  
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.007	H	0.009	mg/L	1	3/26/2010 10:03:55 AM	RCE

### Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

**Project:** A831-735002-012901-225/IP Champaign

**Lab Order:** 10031150

**Report Date:** 01-Apr-10

## DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10031150-001A	UMW-307	3/9/2010	Groundwater	SW-846 9012A (Total)		3/26/2010 10:03:55 AM
10031150-002A	UMW-907			SW-846 9012A (Total)		3/26/2010 10:03:55 AM

**ANALYTICAL QC SUMMARY REPORT****Key QC concepts:**

- CCV** Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF** Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DUP** Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- LCS** Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.
- LCSD** Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MS** Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.
- MSD** Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MDL** Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MB/LCB** Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.
- RL** The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD** Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.
- SPK** The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

**Qualifiers**

<b>DF</b> - Dilution Factor	B - Analyte detected in the associated Method Blank	C - Client requested RL below PQL	<b>M1</b> - Matrix interference
<b>RL</b> - Reporting Limit	J - Analyte detected below reporting limits	D - Diluted out of sample	<b>DNI</b> - Did not ignite
<b>ND</b> - Not Detected at the Reporting Limit	R - RPD outside accepted recovery limits	<b>IDPH</b> - IL Dept. of Public Health	<b>E</b> - Value above quantitation range
<b>Surr</b> - Surrogate Standard added by lab	S - Spike Recovery outside accepted recovery limits	<b>Q</b> - QC criteria failed	<b>H</b> - Holding time exceeded
<b>TNTC</b> - Too numerous to count (> 200 CFU )	X - Value exceeds Maximum Contaminant Level	# - Unknown hydrocarbon	<b>NELAP</b> - IL ELAP and NELAP Accredited

Client: PSC Industrial Outsourcing, LP  
Project: A831-735002-012901-225/IP Campaign  
Lab Order: 10031150 Report Date: 01-Apr-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: A\_TCND\_S\_AT\_9012A

Sample ID:	MB-R133777	SampType:	MBLK	Units: mg/L				Prep Date:	RunNo: 133777			
Client ID:	ZZZZZZ	Batch ID:	R133777					Analysis Date:	SeqNo: 2559789			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide		< 0.007	0.007									
Sample ID:	LCS-R133777	SampType:	LCS	Units: mg/L				Prep Date:	RunNo: 133777			
Client ID:	ZZZZZZ	Batch ID:	R133777					Analysis Date:	SeqNo: 2559790			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide		0.112	0.007	0.1000	0	111.5	85	115				

10031150

TEKLAB, INC  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234-7425  
 TEL: (618) 344-1004  
 FAX: (618) 344-1005

## CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 10031150

Client:  
 PSC Industrial Outsourcing, LP  
 210 West Sand Bank Road  
 Columbia, IL 62236-0230

TEL: (618) 281-7173  
 FAX: (618) 281-5120  
 Project: A831-735002-012901-225/I

01-Apr-10

Requested Tests					
Sample ID	Client SampID	Matrix	Date Collected	Bottle	Date/Time
10031150-001	UMW-307	Groundwater	3/9/2010 9:25:00 AM	A	
10031150-002	UMW-907	Groundwater	3/9/2010 9:30:00 AM	A	
Comments: Per Stu Cravens, re-analysis requested WO# 10030463.					
Relinquished by:				Received by:	
Relinquished by:				Received by:	
Relinquished by:				Received by:	

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other