

MWH Laboratories

750 Royal Oaks Drive, Monrovia, CA 91016  
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

City of Phoenix  
 Public Works Department  
 Solid Waste Disposal Mgt Div  
 3060 South 27th Avenue  
 Phoenix, AZ 85009-6810  
 Attn: Hillary Hartline  
 Phone: (602) 534 6655

Customer Code: PHOENIX-LF  
 PO#: SR85-2-2009  
 Group#: 269743  
 Project#: SR85  
 Proj Mgr: Tom French  
 Phone: 480 778 1558

The following samples were received from you on **04/23/09**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2904230238	85A-209		Water	23-apr-2009 08:00:00
		@8260COP @MOD8011 ADEQ_ID AG-MS ALK AS-MS		
		BA-MS CD-MS CL-LF CR-MS CU-MS F		
		HG NI-MS NO3RFALF P PB-MS SAMPLETP		
		SE-MS T TDS-LF WELLID ZN-MS		
2904230239	85A-209 MS		Water	23-apr-2009 08:00:00
		@8260COP @MOD8011 ADEQ_ID AG-MS ALK AS-MS		
		BA-MS CD-MS CL-LF CR-MS CU-MS F		
		HG NI-MS NO3RFALF P PB-MS SAMPLETP		
		SE-MS T TDS-LF WELLID ZN-MS		
2904230242	85A-209 MSD		Water	23-apr-2009 08:00:00
		@8260COP @MOD8011 ADEQ_ID AG-MS ALK AS-MS		
		BA-MS CD-MS CL-LF CR-MS CU-MS F		
		HG NI-MS NO3RFALF P PB-MS SAMPLETP		
		SE-MS T TDS-LF WELLID ZN-MS		
2904230243	85A-209 DUP		Water	23-apr-2009 08:00:00
		ADEQ_ID SAMPLETP TDS-LF WELLID		
2904230244	85ATB-209		Water	23-apr-2009 08:00:00
		@8260COP @MOD8011 ADEQ_ID SAMPLETP WELLID		
2904230245	85B-209		Water	23-apr-2009 08:01:00
		@8260COP @MOD8011 ADEQ_ID AG-MS ALK AS-MS		
		BA-MS CD-MS CL-LF CR-MS CU-MS F		
		HG NI-MS NO3RFALF P PB-MS SAMPLETP		
		SE-MS T TDS-LF WELLID ZN-MS		
2904230246	85BTB-209		Water	23-apr-2009 08:01:00
		@8260COP @MOD8011 ADEQ_ID SAMPLETP WELLID		
2904230247	85C-209		Water	23-apr-2009 09:24:00
		@8260COP @MOD8011 ADEQ_ID AG-MS ALK AS-MS		
		BA-MS CD-MS CL-LF CR-MS CU-MS F		
		HG NI-MS NO3RFALF P PB-MS SAMPLETP		
		SE-MS T TDS-LF WELLID ZN-MS		

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Sample#	Sample Id	Matrix	Sample Date
2904230248	85CTB-209	Water	23-apr-2009 09:24:00
		@8260COP @MOD8011 ADEQ_ID	SAMPLETP WELLID
2904230249	85D-209	Water	23-apr-2009 09:25:00
		@8260COP @MOD8011 ADEQ_ID	AG-MS ALK AS-MS
		BA-MS CD-MS CL-LF	CR-MS CU-MS F
		HG NI-MS NO3RFALF P	PB-MS SAMPLETP
		SE-MS T TDS-LF	WELLID ZN-MS
2904230250	85DTB-209	Water	23-apr-2009 09:25:00
		@8260COP @MOD8011 ADEQ_ID	SAMPLETP WELLID
2904230251	85E-209	Water	23-apr-2009 10:40:00
		@8260COP @MOD8011 ADEQ_ID	AG-MS ALK AS-MS
		BA-MS CD-MS CL-LF	CR-MS CU-MS F
		HG NI-MS NO3RFALF P	PB-MS SAMPLETP
		SE-MS T TDS-LF	WELLID ZN-MS
2904230252	85F-209	Water	23-apr-2009 12:03:00
		@8260COP @MOD8011 ADEQ_ID	AG-MS ALK AS-MS
		BA-MS CD-MS CL-LF	CR-MS CU-MS F
		HG NI-MS NO3RFALF P	PB-MS SAMPLETP
		SE-MS T TDS-LF	WELLID ZN-MS

Test Acronym Description

Test Acronym	Description
@8260COP	Volatile Organics HSL
@MOD8011	EPA Method 8011
ADEQ_ID	ADEQ ID number
AG-MS	Silver, Total, ICAP/MS
ALK	Alkalinity in CaCO3 units
AS-MS	Arsenic, Total, ICAP/MS
BA-MS	Barium, Total, ICAP/MS
CD-MS	Cadmium, Total, ICAP/MS
CL-LF	Chloride
CR-MS	Chromium, Total, ICAP/MS
CU-MS	Copper, Total, ICAP/MS
F	Fluoride
HG	Mercury
NI-MS	Nickel, Total, ICAP/MS
NO3RFALF	Nitrate + Nitrite as N by RFA
P	Metals sample pH
PB-MS	Lead, Total, ICAP/MS
SAMPLETP	Sample Type
SE-MS	Selenium, Total, ICAP/MS

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Test Acronym Description

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Test Acronym	Description
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T	Metals Turbidity
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TDS-LF	Total Dissolved Solid (TDS)
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WELLID	Well ID
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ZN-MS	Zinc, Total, ICAP/MS
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750 Royal Oaks Drive, Suite 100  
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1 800 566 LABS (1 800 566 5227)

## Laboratory Report

for

City of Phoenix  
Public Works Department  
Solid Waste Disposal Mgt Div  
3060 South 27th Avenue  
Phoenix , AZ 85009-6810  
Attention: Hillary Hartline  
Fax: (602) 534-9872

DATE OF ISSUE  
Jun 01 2009  
MWH LABORATORIES

TDFA Tom French  
Project Manager



Report#: 269743  
Project: SR85  
PO#: SR85-2-2009  
ADHS License# AZ0455

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Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Page ,Page ,Page , Page , Page , Page , Page , Page , Page , Page 1, Page 1,



**Group Comments**

(8260)Matrix spike high for bromomethane (146%), carbon tetrachloride (150%), and trichlorofluoromethane (140%). Matrix spike duplicate high for carbon tetrachloride (147%). Possible acetone contamination in travel blanks.

(QC Ref#: 2904230238)

**Test: Dibromochloropropane (DBCP) (ML/EPA 504.1)**

M1 - Matrix spike recovery was high; the associated blank spike recovery was acceptable.

**Test: Ethylene Dibromide (EDB) (ML/EPA 504.1)**

M1 - Matrix spike recovery was high; the associated blank spike recovery was acceptable.



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Laboratory  
Hits Report  
#269743

City of Phoenix  
Hillary Hartline  
Public Works Department  
Solid Waste Disposal Mgt Div  
3060 South 27th Avenue  
Phoenix , AZ 85009-6810

Samples Received  
23-apr-2009 16:28:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2904230238</b>	<b>85A-209</b>				
04/29/09			Alkalinity in CaCO3 units	109	mg/l	2.0
05/05/09			Arsenic, Total, ICAP/MS	6	10 ug/l	1.0
05/05/09			Barium, Total, ICAP/MS	84	2000 ug/l	2.0
04/28/09			Chloride	1004	mg/l	12
05/05/09			Chromium, Total, ICAP/MS	7	100 ug/l	1.0
04/29/09			Fluoride	2.5	4 mg/l	0.10
05/05/09			Nickel, Total, ICAP/MS	20	ug/l	5.0
05/12/09			Nitrate + Nitrite as N by RFA	9.8	mg/l	0.15
05/28/09			Sample Type	FO	None	
05/05/09			Selenium, Total, ICAP/MS	6.8	50 ug/l	5.0
04/29/09			Total Dissolved Solid (TDS)	2732	mg/l	10
05/28/09			Well ID	MW-4	None	
	<b>2904230239</b>	<b>85A-209 MS</b>				
05/28/09			Sample Type	QC	None	
05/28/09			Well ID	MW-4	None	
	<b>2904230242</b>	<b>85A-209 MSD</b>				
05/28/09			Sample Type	QC	None	
05/28/09			Well ID	MW-4	None	
	<b>2904230243</b>	<b>85A-209 DUP</b>				
05/28/09			Sample Type	QC	None	
04/29/09			Total Dissolved Solid (TDS)	2700	mg/l	10
05/28/09			Well ID	MW-4	None	

SUMMARY OF POSITIVE DATA ONLY.



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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2904230243	85A-209 DUP				
	2904230244	85ATB-209				
04/30/09	Acetone		20.6		ug/l	10
05/28/09	Sample Type		TB		None	
05/28/09	Well ID		MW-4		None	
	2904230245	85B-209				
04/30/09	Acetone		19.2		ug/l	10
04/29/09	Alkalinity in CaCO3 units		2		mg/l	2.0
05/28/09	Sample Type		FB		None	
05/28/09	Well ID		MW-4		None	
	2904230246	85BTB-209				
04/30/09	Acetone		18.5		ug/l	10
05/28/09	Sample Type		TB		None	
05/28/09	Well ID		MW-4		None	
	2904230247	85C-209				
04/29/09	Alkalinity in CaCO3 units		98		mg/l	2.0
05/05/09	Arsenic, Total, ICAP/MS		8.4	10	ug/l	1.0
05/05/09	Barium, Total, ICAP/MS		46	2000	ug/l	2.0
04/29/09	Chloride		780		mg/l	12
05/05/09	Chromium, Total, ICAP/MS		7	100	ug/l	1.0
04/29/09	Fluoride		4.4	4	mg/l	0.10

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23-apr-2009 16:28:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2904230247</b>	<b>85C-209</b>				
05/12/09	Nitrate + Nitrite as N by RFA		2.4		mg/l	0.030
05/28/09	Sample Type		FO		None	
04/29/09	Total Dissolved Solid (TDS)		1658		mg/l	10
05/28/09	Well ID		MW-3		None	
	<b>2904230248</b>	<b>85CTB-209</b>				
04/30/09	Acetone		22.2		ug/l	10
05/28/09	Sample Type		TB		None	
05/28/09	Well ID		MW-3		None	
	<b>2904230249</b>	<b>85D-209</b>				
04/29/09	Alkalinity in CaCO3 units		98		mg/l	2.0
05/05/09	Arsenic, Total, ICAP/MS		8.3	10	ug/l	1.0
05/05/09	Barium, Total, ICAP/MS		47	2000	ug/l	2.0
04/29/09	Chloride		780		mg/l	12
05/05/09	Chromium, Total, ICAP/MS		6.3	100	ug/l	1.0
04/29/09	Fluoride		4.4	4	mg/l	0.10
05/12/09	Nitrate + Nitrite as N by RFA		2.4		mg/l	0.030
05/28/09	Sample Type		FD		None	
04/29/09	Total Dissolved Solid (TDS)		1674		mg/l	10
05/28/09	Well ID		MW-3		None	
	<b>2904230250</b>	<b>85DTB-209</b>				
04/30/09	Acetone		18.6		ug/l	10
05/28/09	Sample Type		TB		None	





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23-apr-2009 16:28:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2904230250</b>	<b>85DTB-209</b>				
05/28/09	Well ID		MW-3		None	
	<b>2904230251</b>	<b>85E-209</b>				
04/29/09	Alkalinity in CaCO3 units		166		mg/l	2.0
05/05/09	Arsenic, Total, ICAP/MS		9.2	10	ug/l	1.0
05/05/09	Barium, Total, ICAP/MS		59	2000	ug/l	2.0
04/29/09	Chloride		1600		mg/l	25
05/05/09	Chromium, Total, ICAP/MS		9.7	100	ug/l	1.0
04/28/09	Fluoride		0.50	4	mg/l	0.050
05/05/09	Nickel, Total, ICAP/MS		7.1		ug/l	5.0
05/12/09	Nitrate + Nitrite as N by RFA		25		mg/l	0.75
05/28/09	Sample Type		FO		None	
05/05/09	Selenium, Total, ICAP/MS		10	50	ug/l	5.0
04/29/09	Total Dissolved Solid (TDS)		4336		mg/l	10
05/28/09	Well ID		MW-1		None	
	<b>2904230252</b>	<b>85F-209</b>				
04/29/09	Alkalinity in CaCO3 units		93		mg/l	2.0
05/05/09	Arsenic, Total, ICAP/MS		7.3	10	ug/l	1.0
05/05/09	Barium, Total, ICAP/MS		55	2000	ug/l	2.0
04/29/09	Chloride		1300		mg/l	25
05/05/09	Chromium, Total, ICAP/MS		9.3	100	ug/l	1.0
04/29/09	Fluoride		2.7	4	mg/l	0.10
05/05/09	Nickel, Total, ICAP/MS		10		ug/l	5.0
05/12/09	Nitrate + Nitrite as N by RFA		13		mg/l	0.15
05/28/09	Sample Type		TO		None	

SUMMARY OF POSITIVE DATA ONLY.



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23-apr-2009 16:28:41

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2904230252	85F-209				
05/05/09	Selenium, Total, ICAP/MS		10	50	ug/l	5.0
04/29/09	Total Dissolved Solid (TDS)		3720		mg/l	10
05/28/09	Well ID		MW-2		None	



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Samples Received  
23-apr-2009 16:28:41

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
85A-209		(2904230238)	Sampled on 04/23/09					
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	109	mg/l	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	6	ug/l	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	84	ug/l	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/28/09	482574	( ML/EPA 300 )	Chloride	1004	mg/l	12	25
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	7	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	2.5	mg/l	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	20	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	9.8	mg/l	0.15	5
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	FO	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	6.8	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1 )	Total Dissolved Solid (TDS)	2732	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	110	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DC	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1

City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	106	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	107	% Rec		
			( Surrogate )	Toluene-d8(70-130)	106	% Rec		
<b>85A-209 MS (2904230239)</b>				<b>Sampled on 04/23/09</b>				
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	73.2	% Rec	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	104	% Rec	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	88.0	% Rec	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	102	% Rec	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	77.5	% Rec	0.50	1
	04/28/09	482574	( ML/EPA 300 )	Chloride	82	% Rec	12	25
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	86.5	% Rec	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	74.0	% Rec	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	83.5	% Rec	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	105	% Rec	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	80.4	% Rec	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	108	% Rec	0.030	1
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	84.5	% Rec	0.50	1
	05/28/09		( NONE )	Sample Type	QC	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	101	% Rec	5.0	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	75.3	% Rec	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	148	% Rec	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	141	% Rec	0.010	1
			( Surrogate )	1,2-dibromopropane(60-146)	117	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	12.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T)	11.2	% Rec	0.50	1



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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	12.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	11.4	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	10.3	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	10.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	11.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	12.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	11.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	11.5	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	92.1	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	103	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	108	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	90.2	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	9.46	% Rec	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	11.4	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	12.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	11.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	11.3	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	11.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	12.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	12.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	15.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	11.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	11.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	12.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	9.13	% Rec	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	14.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	12.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	10.9	% Rec	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	10.5	% Rec	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	10.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	12.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	11.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	11.2	% Rec	0.50	1



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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	12.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	11.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	14.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	11.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	35.5	% Rec	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	12.4	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	53.2	% Rec	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	106	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	105	% Rec		
			( Surrogate )	Toluene-d8(70-130)	106	% Rec		

**85A-209 MSD (2904230242)**

**Sampled on 04/23/09**

	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	73.2	% Rec	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	88	% Rec	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	87.5	% Rec	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	100	% Rec	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	76.5	% Rec	0.50	1
	04/28/09	482574	( ML/EPA 300 )	Chloride	78	% Rec	12	25
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	86.3	% Rec	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	73.3	% Rec	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	84.6	% Rec	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	105	% Rec	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	80.4	% Rec	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	104	% Rec	0.030	1
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	84.5	% Rec	0.50	1
	05/28/09		( NONE )	Sample Type	QC	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	102	% Rec	5.0	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	75.0	% Rec	20	1

**EPA Method 8011**

05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	142	% Rec	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	136	% Rec	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	115	% Rec		



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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	12.4	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	10.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	12.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	11.4	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	10.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	11.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	11.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	11.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	10.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	11.5	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	92.4	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	109	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	112	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	92.6	% Rec	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	9.89	% Rec	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	11.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	11.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	12.0	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	11.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	10.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	12.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	12.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	10.3	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	12.3	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	14.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	11.7	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	11.3	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	11.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	10.7	% Rec	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	11.6	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	12.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	11.4	% Rec	3.0	1



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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260E )	Methyl Tert-butyl ether (MTBE)	10.4	% Rec	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	10.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	12.1	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	10.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	11.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	12.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	11.5	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	12.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	11.9	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	11.8	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	35.2	% Rec	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	12.2	% Rec	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	52.1	% Rec	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	103	% Rec		
			( Surrogate )	4-Bromofluorobenzene (70-130)	97	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	108	% Rec		

**85A-209 DUP (2904230243) Sampled on 04/23/09**

	05/28/09		( NONE )	Sample Type	QC	None	0.0000	1
04/29/09	04/29/09	483251	( SM2540C/E160.1 )	Total Dissolved Solid (TDS)	2700	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1

**85ATB-209 (2904230244) Sampled on 04/23/09**

	05/28/09		( NONE )	Sample Type	TB	None	0.0000	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1

**EPA Method 8011**

05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane (60-140)	94	% Rec		

**Volatile Organics HSL**

04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	20.6	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1



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#269743

City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	104	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	101	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	104	% Rec		
<b>85B-209 (2904230245)</b>			<b>Sampled on 04/23/09</b>					
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	2	mg/l	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	ND	ug/l	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	ND	ug/l	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	483216	( ML/EPA 300 )	Chloride	ND	mg/l	0.50	1
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	ND	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/28/09	482485	( SM 4500F-C )	Fluoride	ND	mg/l	0.050	1
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	ND	mg/l	0.030	1
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	FB	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-4	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
			<b>EPA Method 8011</b>					
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	87	% Rec		



City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	19.2	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1

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 City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	108	% Rec		
			( Surrogate )	4-Bromofluorobenzene (70-130)	98	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	101	% Rec		

**85BTB-209 (2904230246) Sampled on 04/23/09**

05/28/09	( NONE )	Sample Type	TB	None	0.0000	1
05/28/09	( NONE )	Well ID	MW-4	None	0.0000	1

**EPA Method 8011**

05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane (60-140)	102	% Rec		

**Volatile Organics HSL**

04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T)	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1



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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	18.5	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1



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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	108	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	98	% Rec		
			( Surrogate )	Toluene-d8(70-130)	103	% Rec		
<b>85C-209 (2904230247)</b>		<b>Sampled on 04/23/09</b>						
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	98	mg/l	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	8.4	ug/l	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	46	ug/l	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	483215	( ML/EPA 300 )	Chloride	780	mg/l	12	25
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	7	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	4.4	mg/l	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	2.4	mg/l	0.030	1
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	FO	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1)	Total Dissolved Solid (TDS)	1658	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-3	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	102	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1



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City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
04/30/09	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Acetone	ND	ug/l	10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
04/30/09	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
04/30/09	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1





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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	105	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	101	% Rec		
			( Surrogate )	Toluene-d8(70-130)	100	% Rec		
<b>85CTB-209 (2904230248)      Sampled on 04/23/09</b>								
	05/28/09		( NONE )	Sample Type	TB	None	0.0000	1
	05/28/09		( NONE )	Well ID	MW-3	None	0.0000	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	105	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	22.2	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1



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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	110	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	104	% Rec		
			( Surrogate )	Toluene-d8(70-130)	104	% Rec		



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City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
<b>85D-209 (2904230249)</b>		<b>Sampled on 04/23/09</b>						
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	98	mg/l	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	8.3	ug/l	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	47	ug/l	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	483215	( ML/EPA 300 )	Chloride	780	mg/l	12	25
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	6.3	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	4.4	mg/l	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	2.4	mg/l	0.030	1
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	FD	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1)	Total Dissolved Solid (TDS)	1674	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-3	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	82	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1



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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1

City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4(70-130)	110	% Rec		
			( Surrogate )	4-Bromofluorobenzene(70-130)	101	% Rec		
			( Surrogate )	Toluene-d8(70-130)	100	% Rec		
<b>85DTB-209 (2904230250) Sampled on 04/23/09</b>								
	05/28/09		( NONE )	Sample Type	TB	None	0.0000	1
	05/28/09		( NONE )	Well ID	MW-3	None	0.0000	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	119	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	18.6	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1



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City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	102	% Rec		
			( Surrogate )	4-Bromofluorobenzene (70-130)	105	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	100	% Rec		

**85E-209 (2904230251)                      Sampled on 04/23/09**

05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	166	mg/l	2.0	1
05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	9.2	ug/l	1.0	1
05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	59	ug/l	2.0	1
05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
04/29/09	483215	( ML/EPA 300 )	Chloride	1600	mg/l	25	50



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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	9.7	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/28/09	482485	( SM 4500F-C )	Fluoride	0.50	mg/l	0.050	1
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	7.1	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	25	mg/l	0.75	25
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	FO	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	10	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1)	Total Dissolved Solid (TDS)	4336	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-1	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	85	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1

City of Phoenix  
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	112	% Rec		
			( Surrogate )	4-Bromofluorobenzene (70-130)	104	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	105	% Rec		





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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
<b>85F-209 (2904230252)</b>		<b>Sampled on 04/23/09</b>						
	05/05/09	483399	( ML/EPA 200.8 )	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	482761	( SM 2320B )	Alkalinity in CaCO3 units	93	mg/l	2.0	1
	05/05/09	483392	( ML/EPA 200.8 )	Arsenic, Total, ICAP/MS	7.3	ug/l	1.0	1
	05/05/09	483409	( ML/EPA 200.8 )	Barium, Total, ICAP/MS	55	ug/l	2.0	1
	05/05/09	483402	( ML/EPA 200.8 )	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	04/29/09	483215	( ML/EPA 300 )	Chloride	1300	mg/l	25	50
	05/05/09	483424	( ML/EPA 200.8 )	Chromium, Total, ICAP/MS	9.3	ug/l	1.0	1
	05/05/09	483386	( ML/EPA 200.8 )	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
	04/29/09	482589	( SM 4500F-C )	Fluoride	2.7	mg/l	0.10	2
	04/30/09	483043	( EPA 245.1 )	Mercury	ND	ug/l	0.20	1
	05/05/09	483383	( ML/EPA 200.8 )	Nickel, Total, ICAP/MS	10	ug/l	5.0	1
	05/12/09	484451	( EPA 353.2 )	Nitrate + Nitrite as N by RFA	13	mg/l	0.15	5
	05/05/09	483415	( ML/EPA 200.8 )	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
	05/28/09		( NONE )	Sample Type	TO	None	0.0000	1
	05/05/09	483395	( ML/EPA 200.8 )	Selenium, Total, ICAP/MS	10	ug/l	5.0	1
04/29/09	04/29/09	483251	( SM2540C/E160.1)	Total Dissolved Solid (TDS)	3720	mg/l	10	1
	05/28/09		( NONE )	Well ID	MW-2	None	0.0000	1
	05/05/09	483389	( ML/EPA 200.8 )	Zinc, Total, ICAP/MS	ND	ug/l	20	1
<b>EPA Method 8011</b>								
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Dibromochloropropane (DBCP)	ND	ug/l	0.010	1
05/06/09	05/06/09	483802	( ML/EPA 504.1 )	Ethylene Dibromide (EDB)	ND	ug/l	0.010	1
			( Surrogate )	1,2-dibromopropane(60-140)	107	% Rec		
<b>Volatile Organics HSL</b>								
	04/30/09	483051	( ML/EPA 8260 )	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,2-Dichloropropane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1



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City of Phoenix  
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	trans-1,4-dichloro-2-butene	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Butanone (MEK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	2-Hexanone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acetone	ND	ug/l	10	1
	04/30/09	483051	( ML/EPA 8260 )	Acrylonitrile	ND	ug/l	50	1
	04/30/09	483051	( ML/EPA 8260 )	Benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chlorobenzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromoform	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Bromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Chloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon disulfide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Carbon Tetrachloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromochloromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dibromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Dichlorobromomethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Ethyl benzene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Iodomethane	ND	ug/l	0.10	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Bromide	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methyl Chloride	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Methylene Chloride	ND	ug/l	3.0	1
	04/30/09	483051	( ML/EPA 8260B )	Methyl Tert-butyl ether (MTBE)	ND	ug/l	1.0	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Styrene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,2-Dichloroethene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Trichlorofluoromethane	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Toluene	ND	ug/l	0.50	1
	04/30/09	483051	( ML/EPA 8260 )	Total Xylenes	ND	ug/l	1.5	1
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Chloride (VC)	ND	ug/l	0.50	1



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Report  
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City of Phoenix  
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	04/30/09	483051	( ML/EPA 8260 )	Vinyl Acetate	ND	ug/l	10	1
			( Surrogate )	1,2-Dichloroethane-d4 (70-130)	104	% Rec		
			( Surrogate )	4-Bromofluorobenzene (70-130)	103	% Rec		
			( Surrogate )	Toluene-d8 (70-130)	101	% Rec		



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### QC Ref #482485 - Fluoride

Analysis Date: 04/28/2009

2904230245 85B-209  
2904230251 85E-209

Analyzed by: yvette  
Analyzed by: yvette

### QC Ref #482574 - Chloride

Analysis Date: 04/28/2009

2904230238 85A-209  
2904230239 85A-209 MS  
2904230242 85A-209 MSD

Analyzed by: vxt  
Analyzed by: vxt  
Analyzed by: vxt

### QC Ref #482589 - Fluoride

Analysis Date: 04/29/2009

2904230238 85A-209  
2904230239 85A-209 MS  
2904230242 85A-209 MSD  
2904230247 85C-209  
2904230249 85D-209  
2904230252 85F-209

Analyzed by: yvette  
Analyzed by: yvette  
Analyzed by: yvette  
Analyzed by: yvette  
Analyzed by: yvette  
Analyzed by: yvette

### QC Ref #482761 - Alkalinity in CaCO3 units

Analysis Date: 04/29/2009

2904230238 85A-209  
2904230239 85A-209 MS  
2904230242 85A-209 MSD  
2904230245 85B-209  
2904230247 85C-209  
2904230249 85D-209  
2904230251 85E-209  
2904230252 85F-209

Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh  
Analyzed by: anh

### QC Ref #483043 - Mercury

Analysis Date: 04/30/2009

2904230238 85A-209  
2904230239 85A-209 MS  
2904230242 85A-209 MSD  
2904230245 85B-209  
2904230247 85C-209  
2904230249 85D-209  
2904230251 85E-209  
2904230252 85F-209

Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs  
Analyzed by: azs



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**QC Ref #483051 - Volatile Organics HSL**

**Analysis Date: 04/30/2009**

2904230238	85A-209	Analyzed by: mad
2904230239	85A-209 MS	Analyzed by: mad
2904230242	85A-209 MSD	Analyzed by: mad
2904230244	85ATB-209	Analyzed by: mad
2904230245	85B-209	Analyzed by: mad
2904230246	85BTB-209	Analyzed by: mad
2904230247	85C-209	Analyzed by: mad
2904230248	85CTB-209	Analyzed by: mad
2904230249	85D-209	Analyzed by: mad
2904230250	85DTB-209	Analyzed by: mad
2904230251	85E-209	Analyzed by: mad
2904230252	85F-209	Analyzed by: mad

**QC Ref #483215 - Chloride**

**Analysis Date: 04/29/2009**

2904230247	85C-209	Analyzed by: vxt
2904230249	85D-209	Analyzed by: vxt
2904230251	85E-209	Analyzed by: vxt
2904230252	85F-209	Analyzed by: vxt

**QC Ref #483216 - Chloride**

**Analysis Date: 04/29/2009**

2904230245	85B-209	Analyzed by: vxt
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**QC Ref #483251 - Total Dissolved Solid (TDS)**

**Analysis Date: 04/29/2009**

2904230238	85A-209	Analyzed by: jrf
2904230243	85A-209 DUP	Analyzed by: jrf
2904230245	85B-209	Analyzed by: jrf
2904230247	85C-209	Analyzed by: jrf
2904230249	85D-209	Analyzed by: jrf
2904230251	85E-209	Analyzed by: jrf
2904230252	85F-209	Analyzed by: jrf



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**QC Ref #483383 - Nickel, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483386 - Copper, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483389 - Zinc, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483392 - Arsenic, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh



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2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483395 - Selenium, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483399 - Silver, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483402 - Cadmium, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh



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**QC Ref #483409 - Barium, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483415 - Lead, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483424 - Chromium, Total, ICAP/MS**

**Analysis Date: 05/05/2009**

2904230238	85A-209	Analyzed by: dyh
2904230239	85A-209 MS	Analyzed by: dyh
2904230242	85A-209 MSD	Analyzed by: dyh
2904230245	85B-209	Analyzed by: dyh
2904230247	85C-209	Analyzed by: dyh
2904230249	85D-209	Analyzed by: dyh
2904230251	85E-209	Analyzed by: dyh
2904230252	85F-209	Analyzed by: dyh

**QC Ref #483802 - EPA Method 8011**

**Analysis Date: 05/06/2009**

2904230238	85A-209	Analyzed by: mcp
2904230239	85A-209 MS	Analyzed by: mcp
2904230242	85A-209 MSD	Analyzed by: mcp
2904230244	85ATB-209	Analyzed by: mcp





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2904230245	85B-209	Analyzed by: mcp
2904230246	85BTB-209	Analyzed by: mcp
2904230247	85C-209	Analyzed by: mcp
2904230248	85CTB-209	Analyzed by: mcp
2904230249	85D-209	Analyzed by: mcp
2904230250	85DTB-209	Analyzed by: mcp
2904230251	85E-209	Analyzed by: mcp
2904230252	85F-209	Analyzed by: mcp

QC Ref #484451 - Nitrate + Nitrite as N by RFA Analysis Date: 05/12/2009

2904230238	85A-209	Analyzed by: azs
2904230239	85A-209 MS	Analyzed by: azs
2904230242	85A-209 MSD	Analyzed by: azs
2904230245	85B-209	Analyzed by: azs
2904230247	85C-209	Analyzed by: azs
2904230249	85D-209	Analyzed by: azs
2904230251	85E-209	Analyzed by: azs
2904230252	85F-209	Analyzed by: azs



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QC Ref #482485

Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	04230238	MGL		( 0-0 )	
CCC3	Fluoride	10.0	9.97	MGL	99.7	( 81-116 )	
CCCH	Fluoride	10.0	9.82	MGL	98.2	( 81-116 )	
CCCL	Fluoride	0.5	0.494	MGL	98.8	( 81-116 )	
CCCM	Fluoride	0.5	0.488	MGL	97.6	( 81-116 )	
CCCS	Fluoride	0.05	0.049	MGL	98.0	( 50-150 )	
LCS1	Fluoride	1.00	0.989	MGL	98.9	( 81-116 )	
LCS2	Fluoride	1.00	1.00	MGL	100.0	( 81-116 )	
MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.049	MGL	98.0	( 50-150 )	
MS	Fluoride	1.00	0.687	MGL	<u>68.7</u>	( 73-124 )	
MS2	Fluoride	1.00	0.896	MGL	89.6	( 73-124 )	
MSD	Fluoride	1.00	0.694	MGL	<u>69.4</u>	( 73-124 )	
RPD_LCS	Fluoride	98.900	100.000	MGL	1.1	( 0-20 )	
RPD_MS	Fluoride	68.700	69.400	MGL	1.0	( 0-20 )	

QC Ref #482574

Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	2904230238	MGL		( 0-0 )	
LCS1	Chloride	25	24.5	MGL	98.0	( 90-110 )	
LCS2	Chloride	25	25.9	MGL	103.6	( 90-110 )	
MBLK	Chloride	ND	<0.50	MGL			
MRL_CHK	Chloride	0.500	0.435	MGL	87.0	( 50-150 )	
MS	Chloride	12.5	10.3	MGL	82.4	( 74-138 )	
MSD	Chloride	12.5	9.78	MGL	78.2	( 74-138 )	
RPD_LCS	Chloride	98.000	103.600	MGL	5.6	( 0-20 )	
RPD_MS	Chloride	82.400	78.240	MGL	5.2	( 0-20 )	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates  
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**QC Ref #482589**
**Fluoride**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	04230238	MGL		( 0-0 )	
CCC3	Fluoride	10.0	9.96	MGL	99.6	( 81-116 )	
CCCH	Fluoride	10.0	9.71	MGL	97.1	( 81-116 )	
CCCL	Fluoride	0.5	0.487	MGL	97.4	( 81-116 )	
CCCM	Fluoride	0.5	0.482	MGL	96.4	( 81-116 )	
CCCS	Fluoride	0.05	0.049	MGL	98.0	( 50-150 )	
LCS1	Fluoride	1.00	0.978	MGL	97.8	( 81-116 )	
LCS2	Fluoride	1.00	0.975	MGL	97.5	( 81-116 )	
MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.049	MGL	98.0	( 50-150 )	
MS	Fluoride	1.00	0.835	MGL	83.5	( 73-124 )	
MS2	Fluoride	1.00	0.916	MGL	91.6	( 73-124 )	
MSD	Fluoride	1.00	0.846	MGL	84.6	( 73-124 )	
RPD_LCS	Fluoride	97.800	97.500	MGL	0.3	( 0-20 )	
RPD_MS	Fluoride	83.500	84.600	MGL	1.3	( 0-20 )	

**QC Ref #482761**
**Alkalinity in CaCO3 units**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	04230238	MGL		( 0-0 )	
LCS1	Alkalinity in CaCO3 units	100	96.5	MGL	96.5	( 90-110 )	
LCS2	Alkalinity in CaCO3 units	100	98.3	MGL	98.3	( 90-110 )	
MBLK	Alkalinity in CaCO3 units	ND	<2.0	MGL			
MRL_CHK	Alkalinity in CaCO3 units	2.00	1.80	MGL	90.0	( 50-150 )	
MS	Alkalinity in CaCO3 units	100	104	MGL	104.0	( 80-120 )	
MS2	Alkalinity in CaCO3 units	100	90.0	MGL	90.0	( 80-120 )	
MSD	Alkalinity in CaCO3 units	100	88.0	MGL	88.0	( 80-120 )	
MSD2	Alkalinity in CaCO3 units	100	100	MGL	100.0	( 80-120 )	
RPD_LCS	Alkalinity in CaCO3 units	96.500	98.300	MGL	1.8	( 0-10 )	
RPD_MS	Alkalinity in CaCO3 units	104.000	88.000	MGL	16.7	( 0-20 )	

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 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates  
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City of Phoenix  
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**QC Ref #483043                      Mercury**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	04160123	UGL		( 0-0 )	
LCS1	Mercury	1.50	1.57	UGL	104.7	( 85-115 )	
LCS2	Mercury	1.50	1.55	UGL	103.3	( 85-115 )	
MBLK	Mercury	ND	<0.20	UGL			
MRL_CHK	Mercury	0.200	0.195	UGL	97.5	( 50-150 )	
MS	Mercury	1.50	1.59	UGL	106.0	( 70-130 )	
MSD	Mercury	1.50	1.60	UGL	106.7	( 70-130 )	
RPD_LCS	Mercury	104.667	103.333	UGL	1.3	( 0-20 )	
RPD_MS	Mercury	106.000	106.667	UGL	0.6	( 0-20 )	

**QC Ref #483051                      Volatile Organics HSL**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	5.0	5.38	UGL	107.6	( 70-130 )	
LCS2	1,1,1,2-Tetrachloroethane	5.0	4.69	UGL	93.8	( 70-130 )	
MBLK	1,1,1,2-Tetrachloroethane	ND	<0.5	UGL			
MS	1,1,1,2-Tetrachloroethane	10.0	12.0	UGL	120.0	( 70-130 )	
MSD	1,1,1,2-Tetrachloroethane	10.0	12.4	UGL	124.0	( 70-130 )	
LCS1	1,1,2-Trichloroethane (1,1,2-T	5.0	4.99	UGL	99.8	( 70-130 )	
LCS2	1,1,2-Trichloroethane (1,1,2-T	5.0	5.15	UGL	103.0	( 70-130 )	
MBLK	1,1,2-Trichloroethane (1,1,2-T	ND	<0.5	UGL			
MS	1,1,2-Trichloroethane (1,1,2-T	10.0	11.2	UGL	112.0	( 70-130 )	
MSD	1,1,2-Trichloroethane (1,1,2-T	10.0	10.7	UGL	107.0	( 70-130 )	
LCS1	1,1-Dichloroethylene (1,1DCE)	5.0	4.97	UGL	99.4	( 70-130 )	
LCS2	1,1-Dichloroethylene (1,1DCE)	5.0	5.13	UGL	102.6	( 70-130 )	
MBLK	1,1-Dichloroethylene (1,1DCE)	ND	<0.5	UGL			
MS	1,1-Dichloroethylene (1,1DCE)	10.0	12.2	UGL	122.0	( 70-130 )	
MSD	1,1-Dichloroethylene (1,1DCE)	10.0	12.5	UGL	125.0	( 70-130 )	
LCS1	1,1-Dichloroethane	5.0	4.92	UGL	98.4	( 70-130 )	
LCS2	1,1-Dichloroethane	5.0	5.24	UGL	104.8	( 70-130 )	

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 City of Phoenix  
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MBLK	1,1-Dichloroethane	ND	<0.5	UGL		
MS	1,1-Dichloroethane	10.0	11.4	UGL	114.0	( 70-130 )
MSD	1,1-Dichloroethane	10.0	11.4	UGL	114.0	( 70-130 )
LCS1	1,2,3-Trichloropropane	5.0	4.87	UGL	97.4	( 70-130 )
LCS2	1,2,3-Trichloropropane	5.0	4.92	UGL	98.4	( 70-130 )
MBLK	1,2,3-Trichloropropane	ND	<0.5	UGL		
MS	1,2,3-Trichloropropane	10.0	10.3	UGL	103.0	( 70-130 )
MSD	1,2,3-Trichloropropane	10.0	10.6	UGL	106.0	( 70-130 )
LCS1	o-Dichlorobenzene (1,2-DCB)	5.0	5.03	UGL	100.6	( 70-130 )
LCS2	o-Dichlorobenzene (1,2-DCB)	5.0	5.05	UGL	101.0	( 70-130 )
MBLK	o-Dichlorobenzene (1,2-DCB)	ND	<0.5	UGL		
MS	o-Dichlorobenzene (1,2-DCB)	10.0	10.1	UGL	101.0	( 70-130 )
MSD	o-Dichlorobenzene (1,2-DCB)	10.0	11.0	UGL	110.0	( 70-130 )
LCS1	1,2-Dichloroethane	5.0	5.31	UGL	106.2	( 70-130 )
LCS2	1,2-Dichloroethane	5.0	5.23	UGL	104.6	( 70-130 )
MBLK	1,2-Dichloroethane	ND	<0.5	UGL		
MS	1,2-Dichloroethane	10.0	11.5	UGL	115.0	( 70-130 )
MSD	1,2-Dichloroethane	10.0	11.5	UGL	115.0	( 70-130 )
LCS1	1,2-Dichloropropane	5.0	5.18	UGL	103.6	( 70-130 )
LCS2	1,2-Dichloropropane	5.0	5.68	UGL	113.6	( 70-130 )
MBLK	1,2-Dichloropropane	ND	<0.5	UGL		
MS	1,2-Dichloropropane	10.0	12.0	UGL	120.0	( 70-130 )
MSD	1,2-Dichloropropane	10.0	11.9	UGL	119.0	( 70-130 )
LCS1	p-Dichlorobenzene (1,4-DCB)	5.0	4.53	UGL	90.6	( 70-130 )
LCS2	p-Dichlorobenzene (1,4-DCB)	5.0	4.86	UGL	97.2	( 70-130 )
MBLK	p-Dichlorobenzene (1,4-DCB)	ND	<0.5	UGL		
MS	p-Dichlorobenzene (1,4-DCB)	10.0	11.5	UGL	115.0	( 70-130 )
MSD	p-Dichlorobenzene (1,4-DCB)	10.0	10.6	UGL	106.0	( 70-130 )
LCS1	trans-1,4-dichloro-2-butene	5.0	5.06	UGL	101.2	( 70-130 )
LCS2	trans-1,4-dichloro-2-butene	5.0	4.61	UGL	92.2	( 70-130 )
MBLK	trans-1,4-dichloro-2-butene	ND	<10	UGL		
MS	trans-1,4-dichloro-2-butene	10.0	11.5	UGL	115.0	( 70-130 )
MSD	trans-1,4-dichloro-2-butene	10.0	11.5	UGL	115.0	( 70-130 )
LCS1	2-Butanone (MEK)	50.0	43.4	UGL	86.8	( 70-130 )
LCS2	2-Butanone (MEK)	50.0	44.2	UGL	88.4	( 70-130 )
MBLK	2-Butanone (MEK)	ND	<10	UGL		

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MS	2-Butanone (MEK)	100	92.1	UGL	92.1	( 70-130 )
MSD	2-Butanone (MEK)	100	92.4	UGL	92.4	( 70-130 )
LCS1	2-Hexanone	50.0	54.2	UGL	108.4	( 70-130 )
LCS2	2-Hexanone	50.0	49.7	UGL	99.4	( 70-130 )
MBLK	2-Hexanone	ND	<10	UGL		
MS	2-Hexanone	100	103	UGL	103.0	( 70-130 )
MSD	2-Hexanone	100	109	UGL	109.0	( 70-130 )
LCS1	4-Methyl-2-Pentanone (MIBK)	50.0	54.4	UGL	108.8	( 70-130 )
LCS2	4-Methyl-2-Pentanone (MIBK)	50.0	51.5	UGL	103.0	( 70-130 )
MBLK	4-Methyl-2-Pentanone (MIBK)	ND	<10	UGL		
MS	4-Methyl-2-Pentanone (MIBK)	100	108	UGL	108.0	( 70-130 )
MSD	4-Methyl-2-Pentanone (MIBK)	100	112	UGL	112.0	( 70-130 )
MS	Spiked sample	Lab # 29	04230238	NONE	0.0	( 0-0 )
LCS1	Acetone	50.0	40.4	UGL	80.8	( 70-130 )
LCS2	Acetone	50.0	44.9	UGL	89.8	( 70-130 )
MBLK	Acetone	ND	<10	UGL		
MS	Acetone	100	90.2	UGL	90.2	( 70-130 )
MSD	Acetone	100	92.6	UGL	92.6	( 70-130 )
LCS1	Acrylonitrile	5.0	4.76	UGL	95.2	( 70-130 )
LCS2	Acrylonitrile	5.0	4.65	UGL	93.0	( 70-130 )
MBLK	Acrylonitrile	ND	<50	UGL		
MS	Acrylonitrile	10.0	9.46	UGL	94.6	( 70-130 )
MSD	Acrylonitrile	10.0	9.89	UGL	98.9	( 70-130 )
LCS1	Benzene	5.0	5.02	UGL	100.4	( 70-130 )
LCS2	Benzene	5.0	5.26	UGL	105.2	( 70-130 )
MBLK	Benzene	ND	<0.5	UGL		
MS	Benzene	10.0	11.8	UGL	118.0	( 70-130 )
MSD	Benzene	10.0	11.7	UGL	117.0	( 70-130 )
LCS1	cis-1,2-Dichloroethene	5.0	4.86	UGL	97.2	( 70-130 )
LCS2	cis-1,2-Dichloroethene	5.0	5.29	UGL	105.8	( 70-130 )
MBLK	cis-1,2-Dichloroethene	ND	<0.5	UGL		
MS	cis-1,2-Dichloroethene	10.0	11.4	UGL	114.0	( 70-130 )
MSD	cis-1,2-Dichloroethene	10.0	11.2	UGL	112.0	( 70-130 )
LCS1	Chlorobenzene	5.0	5.25	UGL	105.0	( 70-130 )
LCS2	Chlorobenzene	5.0	5.26	UGL	105.2	( 70-130 )
MBLK	Chlorobenzene	ND	<0.5	UGL		

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MS	Chlorobenzene	10.0	12.0	UGL	120.0	( 70-130 )
MSD	Chlorobenzene	10.0	12.0	UGL	120.0	( 70-130 )
LCS1	cis-1,3-Dichloropropene	5.0	4.93	UGL	98.6	( 70-130 )
LCS2	cis-1,3-Dichloropropene	5.0	5.12	UGL	102.4	( 70-130 )
MBLK	cis-1,3-Dichloropropene	ND	<0.5	UGL		
MS	cis-1,3-Dichloropropene	10.0	11.7	UGL	117.0	( 70-130 )
MSD	cis-1,3-Dichloropropene	10.0	11.2	UGL	112.0	( 70-130 )
LCS1	Bromoform	5.0	4.84	UGL	96.8	( 70-130 )
LCS2	Bromoform	5.0	5.01	UGL	100.2	( 70-130 )
MBLK	Bromoform	ND	<0.5	UGL		
MS	Bromoform	10.0	11.3	UGL	113.0	( 70-130 )
MSD	Bromoform	10.0	10.8	UGL	108.0	( 70-130 )
LCS1	Chloroform (Trichloromethane)	5.0	5.13	UGL	102.6	( 70-130 )
LCS2	Chloroform (Trichloromethane)	5.0	5.21	UGL	104.2	( 70-130 )
MBLK	Chloroform (Trichloromethane)	ND	<0.5	UGL		
MS	Chloroform (Trichloromethane)	10.0	11.9	UGL	119.0	( 70-130 )
MSD	Chloroform (Trichloromethane)	10.0	12.1	UGL	121.0	( 70-130 )
LCS1	Bromochloromethane	5.0	5.51	UGL	110.2	( 70-130 )
LCS2	Bromochloromethane	5.0	5.80	UGL	116.0	( 70-130 )
MBLK	Bromochloromethane	ND	<0.5	UGL		
MS	Bromochloromethane	10.0	12.1	UGL	121.0	( 70-130 )
MSD	Bromochloromethane	10.0	12.1	UGL	121.0	( 70-130 )
LCS1	Chloroethane	5.0	5.66	UGL	113.2	( 70-130 )
LCS2	Chloroethane	5.0	5.05	UGL	101.0	( 70-130 )
MBLK	Chloroethane	ND	<0.5	UGL		
MS	Chloroethane	10.0	11.8	UGL	118.0	( 70-130 )
MSD	Chloroethane	10.0	10.3	UGL	103.0	( 70-130 )
LCS1	Carbon disulfide	5.0	4.94	UGL	98.8	( 70-130 )
LCS2	Carbon disulfide	5.0	5.09	UGL	101.8	( 70-130 )
MBLK	Carbon disulfide	ND	<0.5	UGL		
MS	Carbon disulfide	10.0	12.1	UGL	121.0	( 70-130 )
MSD	Carbon disulfide	10.0	12.3	UGL	123.0	( 70-130 )
LCS1	Carbon Tetrachloride	5.0	6.04	UGL	120.8	( 70-130 )
LCS2	Carbon Tetrachloride	5.0	5.84	UGL	116.8	( 70-130 )
MBLK	Carbon Tetrachloride	ND	<0.5	UGL		
MS	Carbon Tetrachloride	10.0	15.0	UGL	<u>150.0</u>	( 70-130 )

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City of Phoenix  
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MSD	Carbon Tetrachloride	10.0	14.7	UGL	<u>147.0</u>	( 70-130 )
LCS1	Dibromochloromethane	5.0	5.40	UGL	108.0	( 70-130 )
LCS2	Dibromochloromethane	5.0	5.45	UGL	109.0	( 70-130 )
MBLK	Dibromochloromethane	ND	<0.5	UGL		
MS	Dibromochloromethane	10.0	11.9	UGL	119.0	( 70-130 )
MSD	Dibromochloromethane	10.0	11.7	UGL	117.0	( 70-130 )
LCS1	Dibromomethane	5.0	5.51	UGL	110.2	( 70-130 )
LCS2	Dibromomethane	5.0	5.17	UGL	103.4	( 70-130 )
MBLK	Dibromomethane	ND	<0.5	UGL		
MS	Dibromomethane	10.0	11.8	UGL	118.0	( 70-130 )
MSD	Dibromomethane	10.0	11.8	UGL	118.0	( 70-130 )
LCS1	Dichlorobromomethane	5.0	4.95	UGL	99.0	( 70-130 )
LCS2	Dichlorobromomethane	5.0	4.99	UGL	99.8	( 70-130 )
MBLK	Dichlorobromomethane	ND	<0.5	UGL		
MS	Dichlorobromomethane	10.0	11.6	UGL	116.0	( 70-130 )
MSD	Dichlorobromomethane	10.0	11.3	UGL	113.0	( 70-130 )
LCS1	Ethyl benzene	5.0	5.12	UGL	102.4	( 70-130 )
LCS2	Ethyl benzene	5.0	5.34	UGL	106.8	( 70-130 )
MBLK	Ethyl benzene	ND	<0.5	UGL		
MS	Ethyl benzene	10.0	12.2	UGL	122.0	( 70-130 )
MSD	Ethyl benzene	10.0	11.9	UGL	119.0	( 70-130 )
LCS1	Iodomethane	5.0	5.32	UGL	106.4	( 70-130 )
LCS2	Iodomethane	5.0	5.28	UGL	105.6	( 70-130 )
MBLK	Iodomethane	ND	<0.1	UGL		
MS	Iodomethane	10.0	9.13	UGL	91.3	( 70-130 )
MSD	Iodomethane	10.0	10.7	UGL	107.0	( 70-130 )
LCS1	Methyl Bromide	5.0	5.85	UGL	117.0	( 70-130 )
LCS2	Methyl Bromide	5.0	5.69	UGL	113.8	( 70-130 )
MBLK	Methyl Bromide	ND	<0.5	UGL		
MS	Methyl Bromide	10.0	14.6	UGL	<u>146.0</u>	( 70-130 )
MSD	Methyl Bromide	10.0	11.6	UGL	116.0	( 70-130 )
LCS1	Methyl Chloride	5.0	5.53	UGL	110.6	( 70-130 )
LCS2	Methyl Chloride	5.0	5.02	UGL	100.4	( 70-130 )
MBLK	Methyl Chloride	ND	<0.5	UGL		
MS	Methyl Chloride	10.0	12.8	UGL	128.0	( 70-130 )
MSD	Methyl Chloride	10.0	12.1	UGL	121.0	( 70-130 )

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LCS1	Methylene Chloride	5.0	5.04	UGL	100.8	( 70-130 )
LCS2	Methylene Chloride	5.0	4.76	UGL	95.2	( 70-130 )
MBLK	Methylene Chloride	ND	<3.0	UGL		
MS	Methylene Chloride	10.0	10.9	UGL	109.0	( 70-130 )
MSD	Methylene Chloride	10.0	11.4	UGL	114.0	( 70-130 )
LCS1	Methyl Tert-butyl ether (MTBE)	5.0	4.73	UGL	94.6	( 70-130 )
LCS2	Methyl Tert-butyl ether (MTBE)	5.0	4.80	UGL	96.0	( 70-130 )
MBLK	Methyl Tert-butyl ether (MTBE)	ND	<1.0	UGL		
MS	Methyl Tert-butyl ether (MTBE)	10.0	10.5	UGL	105.0	( 70-130 )
MSD	Methyl Tert-butyl ether (MTBE)	10.0	10.4	UGL	104.0	( 70-130 )
LCS1	1,1,2,2-Tetrachloroethane	5.0	4.51	UGL	90.2	( 70-130 )
LCS2	1,1,2,2-Tetrachloroethane	5.0	5.34	UGL	106.8	( 70-130 )
MBLK	1,1,2,2-Tetrachloroethane	ND	<0.5	UGL		
MS	1,1,2,2-Tetrachloroethane	10.0	10.2	UGL	102.0	( 70-130 )
MSD	1,1,2,2-Tetrachloroethane	10.0	10.5	UGL	105.0	( 70-130 )
LCS1	Tetrachloroethylene (PCE)	5.0	5.33	UGL	106.6	( 70-130 )
LCS2	Tetrachloroethylene (PCE)	5.0	5.30	UGL	106.0	( 70-130 )
MBLK	Tetrachloroethylene (PCE)	ND	<0.5	UGL		
MS	Tetrachloroethylene (PCE)	10.0	12.7	UGL	127.0	( 70-130 )
MSD	Tetrachloroethylene (PCE)	10.0	12.1	UGL	121.0	( 70-130 )
LCS1	Styrene	5.0	5.24	UGL	104.8	( 70-130 )
LCS2	Styrene	5.0	5.37	UGL	107.4	( 70-130 )
MBLK	Styrene	ND	<0.5	UGL		
MS	Styrene	10.0	11.0	UGL	110.0	( 70-130 )
MSD	Styrene	10.0	10.8	UGL	108.0	( 70-130 )
LCS1	1,2-dichloroethane-d4	100	101	%R	101.0	( 70-130 )
LCS2	1,2-dichloroethane-d4	100	101	%R	101.0	( 70-130 )
MBLK	1,2-dichloroethane-d4	100	<u>98</u>	%R	<u>98.0</u>	
MS	1,2-dichloroethane-d4	100	105	%R	105.0	( 70-130 )
MSD	1,2-dichloroethane-d4	100	97	%R	97.0	( 70-130 )
LCS1	Toluene-d8	100	104	%R	104.0	( 70-130 )
LCS2	Toluene-d8	100	106	%R	106.0	( 70-130 )
MBLK	Toluene-d8	100	<u>104</u>	%R	<u>104.0</u>	
MS	Toluene-d8	100	106	%R	106.0	( 70-130 )
MSD	Toluene-d8	100	108	%R	108.0	( 70-130 )
LCS1	4-Bromofluorobenzene	100	107	%R	107.0	( 70-130 )

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LCS2	4-Bromofluorobenzene	100	110	%R	110.0	( 70-130 )
MBLK	4-Bromofluorobenzene	100	<u>104</u>	%R	<u>104.0</u>	
MS	4-Bromofluorobenzene	100	106	%R	106.0	( 70-130 )
MSD	4-Bromofluorobenzene	100	103	%R	103.0	( 70-130 )
LCS1	trans-1,2-Dichloroethene	5.0	5.18	UGL	103.6	( 70-130 )
LCS2	trans-1,2-Dichloroethene	5.0	4.93	UGL	98.6	( 70-130 )
MBLK	trans-1,2-Dichloroethene	ND	<0.5	UGL		
MS	trans-1,2-Dichloroethene	10.0	11.2	UGL	112.0	( 70-130 )
MSD	trans-1,2-Dichloroethene	10.0	11.5	UGL	115.0	( 70-130 )
LCS1	1,1,1-Trichloroethane	5.0	5.38	UGL	107.6	( 70-130 )
LCS2	1,1,1-Trichloroethane	5.0	5.34	UGL	106.8	( 70-130 )
MBLK	1,1,1-Trichloroethane	ND	<0.5	UGL		
MS	1,1,1-Trichloroethane	10.0	12.7	UGL	127.0	( 70-130 )
MSD	1,1,1-Trichloroethane	10.0	12.9	UGL	129.0	( 70-130 )
LCS1	Trichloroethylene (TCE)	5.0	4.91	UGL	98.2	( 70-130 )
LCS2	Trichloroethylene (TCE)	5.0	5.30	UGL	106.0	( 70-130 )
MBLK	Trichloroethylene (TCE)	ND	<0.5	UGL		
MS	Trichloroethylene (TCE)	10.0	11.7	UGL	117.0	( 70-130 )
MSD	Trichloroethylene (TCE)	10.0	11.5	UGL	115.0	( 70-130 )
LCS1	Trichlorofluoromethane	5.0	5.42	UGL	108.4	( 70-130 )
LCS2	Trichlorofluoromethane	5.0	5.46	UGL	109.2	( 70-130 )
MBLK	Trichlorofluoromethane	ND	<0.5	UGL		
MS	Trichlorofluoromethane	10.0	14.4	UGL	<u>144.0</u>	( 70-130 )
MSD	Trichlorofluoromethane	10.0	12.9	UGL	129.0	( 70-130 )
LCS1	trans-1,3-Dichloropropene	5.0	5.35	UGL	107.0	( 70-130 )
LCS2	trans-1,3-Dichloropropene	5.0	5.18	UGL	103.6	( 70-130 )
MBLK	trans-1,3-Dichloropropene	ND	<0.5	UGL		
MS	trans-1,3-Dichloropropene	10.0	11.6	UGL	116.0	( 70-130 )
MSD	trans-1,3-Dichloropropene	10.0	11.9	UGL	119.0	( 70-130 )
LCS1	Toluene	5.0	5.30	UGL	106.0	( 70-130 )
LCS2	Toluene	5.0	5.26	UGL	105.2	( 70-130 )
MBLK	Toluene	ND	<0.5	UGL		
MS	Toluene	10.0	11.8	UGL	118.0	( 70-130 )
MSD	Toluene	10.0	11.8	UGL	118.0	( 70-130 )
LCS1	Total Xylenes	15.0	15.2	UGL	101.3	( 70-130 )
LCS2	Total Xylenes	15.0	15.9	UGL	106.0	( 70-130 )

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MBLK	Total Xylenes	ND	<1.5	UGL		
MS	Total Xylenes	30.0	35.5	UGL	118.3	( 70-130 )
MSD	Total Xylenes	30.0	35.2	UGL	117.3	( 70-130 )
LCS1	Vinyl Chloride (VC)	5.0	4.98	UGL	99.6	( 70-130 )
LCS2	Vinyl Chloride (VC)	5.0	5.14	UGL	102.8	( 70-130 )
MBLK	Vinyl Chloride (VC)	ND	<0.5	UGL		
MS	Vinyl Chloride (VC)	10.0	12.5	UGL	125.0	( 70-130 )
MSD	Vinyl Chloride (VC)	10.0	12.2	UGL	122.0	( 70-130 )
LCS1	Vinyl Acetate	25.0	25.7	UGL	102.8	( 70-130 )
LCS2	Vinyl Acetate	25.0	24.8	UGL	99.2	( 70-130 )
MBLK	Vinyl Acetate	ND	<10	UGL		
MS	Vinyl Acetate	50.0	53.2	UGL	106.4	( 70-130 )
MSD	Vinyl Acetate	50.0	52.1	UGL	104.2	( 70-130 )

QC Ref #483215

Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	2904280080	MGL		( 0-0 )	
LCS1	Chloride	25	26.0	MGL	104.0	( 90-110 )	
LCS2	Chloride	25	25.8	MGL	103.2	( 90-110 )	
MBLK	Chloride	ND	<0.50	MGL			
MRL_CHK	Chloride	0.500	0.438	MGL	87.6	( 50-150 )	
MS	Chloride	12.5	11.6	MGL	92.8	( 74-138 )	
MSD	Chloride	12.5	12.9	MGL	103.2	( 74-138 )	
RPD_LCS	Chloride	104.000	103.200	MGL	0.8	( 0-20 )	
RPD_MS	Chloride	92.800	103.200	MGL	10.6	( 0-20 )	

QC Ref #483216

Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	2904290179	MGL		( 0-0 )	
LCS1	Chloride	25	25.4	MGL	101.6	( 90-110 )	
LCS2	Chloride	25	25.4	MGL	101.6	( 90-110 )	
MBLK	Chloride	ND	<0.50	MGL			

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MRL_CHK	Chloride	0.500	0.413	MGL	82.6	( 50-150 )
MS	Chloride	12.5	13.7	MGL	109.6	( 74-138 )
MSD	Chloride	12.5	13.7	MGL	109.6	( 74-138 )
RPD_LCS	Chloride	101.600	101.600	MGL	0.0	( 0-20 )
RPD_MS	Chloride	109.600	109.600	MGL	0.0	( 0-20 )

**QC Ref #483251 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	706	MGL	100.9	( 80-114 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	2732	2700	MGL		( 0-10 )	1.2
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

**QC Ref #483383 Nickel, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Nickel, Total, ICAP/MS	50	47.4	UGL	94.8	( 85-115 )	
LCS2	Nickel, Total, ICAP/MS	50	46.8	UGL	93.6	( 85-115 )	
MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Nickel, Total, ICAP/MS	5.000	4.94	UGL	98.8	( 50-150 )	
MS	Nickel, Total, ICAP/MS	50	44.6	UGL	89.2	( 70-130 )	
MS2	Nickel, Total, ICAP/MS	50	40.2	UGL	80.4	( 70-130 )	
MSD	Nickel, Total, ICAP/MS	50	45.7	UGL	91.4	( 70-130 )	
MSD2	Nickel, Total, ICAP/MS	50	40.2	UGL	80.4	( 70-130 )	
RPD_LCS	Nickel, Total, ICAP/MS	94.800	93.600	UGL	1.3	( 0-20 )	
RPD_MS	Nickel, Total, ICAP/MS	89.200	91.400	UGL	2.4	( 0-20 )	

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QC Ref #483386                      Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Copper, Total, ICAP/MS	100	93.0	UGL	93.0	( 85-115 )	
LCS2	Copper, Total, ICAP/MS	100	91.9	UGL	91.9	( 85-115 )	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	2.61	UGL	130.5	( 50-150 )	
MS	Copper, Total, ICAP/MS	100	88.0	UGL	88.0	( 70-130 )	
MS2	Copper, Total, ICAP/MS	100	74.0	UGL	74.0	( 70-130 )	
MSD	Copper, Total, ICAP/MS	100	90.2	UGL	90.2	( 70-130 )	
MSD2	Copper, Total, ICAP/MS	100	73.3	UGL	73.3	( 70-130 )	
RPD_LCS	Copper, Total, ICAP/MS	93.000	91.900	UGL	1.2	( 0-20 )	
RPD_MS	Copper, Total, ICAP/MS	88.000	90.200	UGL	2.5	( 0-20 )	

QC Ref #483389                      Zinc, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Zinc, Total, ICAP/MS	100	94.1	UGL	94.1	( 85-115 )	
LCS2	Zinc, Total, ICAP/MS	100	93.2	UGL	93.2	( 85-115 )	
MBLK	Zinc, Total, ICAP/MS	ND	<20	UGL			
MRL_CHK	Zinc, Total, ICAP/MS	20.0	24.4	UGL	122.0	( 50-150 )	
MS	Zinc, Total, ICAP/MS	100	96.2	UGL	96.2	( 70-130 )	
MS2	Zinc, Total, ICAP/MS	100	75.3	UGL	75.3	( 70-130 )	
MSD	Zinc, Total, ICAP/MS	100	98.5	UGL	98.5	( 70-130 )	
MSD2	Zinc, Total, ICAP/MS	100	75.0	UGL	75.0	( 70-130 )	
RPD_LCS	Zinc, Total, ICAP/MS	94.100	93.200	UGL	1.0	( 0-20 )	
RPD_MS	Zinc, Total, ICAP/MS	96.200	98.500	UGL	2.4	( 0-20 )	

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QC Ref #483392                      Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Arsenic, Total, ICAP/MS	20	18.7	UGL	93.5	( 85-115 )	
LCS2	Arsenic, Total, ICAP/MS	20	18.6	UGL	93.0	( 85-115 )	
MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.00	UGL	100.0	( 50-150 )	
MS	Arsenic, Total, ICAP/MS	20	18.9	UGL	94.5	( 70-130 )	
MS2	Arsenic, Total, ICAP/MS	20	17.6	UGL	88.0	( 70-130 )	
MSD	Arsenic, Total, ICAP/MS	20	19.4	UGL	97.0	( 70-130 )	
MSD2	Arsenic, Total, ICAP/MS	20	17.5	UGL	87.5	( 70-130 )	
RPD_LCS	Arsenic, Total, ICAP/MS	93.500	93.000	UGL	0.5	( 0-20 )	
RPD_MS	Arsenic, Total, ICAP/MS	94.500	97.000	UGL	2.6	( 0-20 )	

QC Ref #483395                      Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Selenium, Total, ICAP/MS	20	20.7	UGL	103.5	( 85-115 )	
LCS2	Selenium, Total, ICAP/MS	20	20.6	UGL	103.0	( 85-115 )	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	5.18	UGL	103.6	( 50-150 )	
MS	Selenium, Total, ICAP/MS	20	21.4	UGL	107.0	( 70-130 )	
MS2	Selenium, Total, ICAP/MS	20	20.2	UGL	101.0	( 70-130 )	
MSD	Selenium, Total, ICAP/MS	20	22.3	UGL	111.5	( 70-130 )	
MSD2	Selenium, Total, ICAP/MS	20	20.3	UGL	101.5	( 70-130 )	
RPD_LCS	Selenium, Total, ICAP/MS	103.500	103.000	UGL	0.5	( 0-20 )	
RPD_MS	Selenium, Total, ICAP/MS	107.000	111.500	UGL	4.1	( 0-20 )	

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QC Ref #483399 Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Silver, Total, ICAP/MS	50	50.1	UGL	100.2	( 85-115 )	
LCS2	Silver, Total, ICAP/MS	50	50.3	UGL	100.6	( 85-115 )	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.504	UGL	100.8	( 50-150 )	
MS	Silver, Total, ICAP/MS	50	47.2	UGL	94.4	( 70-130 )	
MS2	Silver, Total, ICAP/MS	50	36.6	UGL	73.2	( 70-130 )	
MSD	Silver, Total, ICAP/MS	50	48.3	UGL	96.6	( 70-130 )	
MSD2	Silver, Total, ICAP/MS	50	36.6	UGL	73.2	( 70-130 )	
RPD_LCS	Silver, Total, ICAP/MS	100.200	100.600	UGL	0.4	( 0-20 )	
RPD_MS	Silver, Total, ICAP/MS	94.400	96.600	UGL	2.3	( 0-20 )	

QC Ref #483402 Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Cadmium, Total, ICAP/MS	20	18.8	UGL	94.0	( 85-115 )	
LCS2	Cadmium, Total, ICAP/MS	20	18.6	UGL	93.0	( 85-115 )	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.606	UGL	121.2	( 50-150 )	
MS	Cadmium, Total, ICAP/MS	20	18.7	UGL	93.5	( 70-130 )	
MS2	Cadmium, Total, ICAP/MS	20	15.5	UGL	77.5	( 70-130 )	
MSD	Cadmium, Total, ICAP/MS	20	19.0	UGL	95.0	( 70-130 )	
MSD2	Cadmium, Total, ICAP/MS	20	15.3	UGL	76.5	( 70-130 )	
RPD_LCS	Cadmium, Total, ICAP/MS	94.000	93.000	UGL	1.1	( 0-20 )	
RPD_MS	Cadmium, Total, ICAP/MS	93.500	95.000	UGL	1.6	( 0-20 )	

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QC Ref #483409                      Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Barium, Total, ICAP/MS	100	91.9	UGL	91.9	( 85-115 )	
LCS2	Barium, Total, ICAP/MS	100	91.1	UGL	91.1	( 85-115 )	
MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Barium, Total, ICAP/MS	2.000	1.92	UGL	96.0	( 50-150 )	
MS	Barium, Total, ICAP/MS	100	89.1	UGL	89.1	( 70-130 )	
MS2	Barium, Total, ICAP/MS	100	102	UGL	102.0	( 70-130 )	
MSD	Barium, Total, ICAP/MS	100	90.7	UGL	90.7	( 70-130 )	
MSD2	Barium, Total, ICAP/MS	100	100	UGL	100.0	( 70-130 )	
RPD_LCS	Barium, Total, ICAP/MS	91.900	91.100	UGL	0.9	( 0-20 )	
RPD_MS	Barium, Total, ICAP/MS	89.100	90.700	UGL	1.8	( 0-20 )	

QC Ref #483415                      Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Lead, Total, ICAP/MS	20	19.3	UGL	96.5	( 85-115 )	
LCS2	Lead, Total, ICAP/MS	20	19.1	UGL	95.5	( 85-115 )	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.543	UGL	108.6	( 50-150 )	
MS	Lead, Total, ICAP/MS	20	18.7	UGL	93.5	( 70-130 )	
MS2	Lead, Total, ICAP/MS	20	16.9	UGL	84.5	( 70-130 )	
MSD	Lead, Total, ICAP/MS	20	19.0	UGL	95.0	( 70-130 )	
MSD2	Lead, Total, ICAP/MS	20	16.9	UGL	84.5	( 70-130 )	
RPD_LCS	Lead, Total, ICAP/MS	96.500	95.500	UGL	1.0	( 0-20 )	
RPD_MS	Lead, Total, ICAP/MS	93.500	95.000	UGL	1.6	( 0-20 )	

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QC Ref #483424      Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04080328	UGL		( 0-0 )	
AASPKSMP	Spiked sample	Lab # 29	04230238	UGL		( 0-0 )	
LCS1	Chromium, Total, ICAP/MS	100	93.1	UGL	93.1	( 85-115 )	
LCS2	Chromium, Total, ICAP/MS	100	92.1	UGL	92.1	( 85-115 )	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.03	UGL	103.0	( 50-150 )	
MS	Chromium, Total, ICAP/MS	100	89.1	UGL	89.1	( 70-130 )	
MS2	Chromium, Total, ICAP/MS	100	86.5	UGL	86.5	( 70-130 )	
MSD	Chromium, Total, ICAP/MS	100	91.0	UGL	91.0	( 70-130 )	
MSD2	Chromium, Total, ICAP/MS	100	86.3	UGL	86.3	( 70-130 )	
RPD_LCS	Chromium, Total, ICAP/MS	93.100	92.100	UGL	1.1	( 0-20 )	
RPD_MS	Chromium, Total, ICAP/MS	89.100	91.000	UGL	2.1	( 0-20 )	

QC Ref #483802      EPA Method 8011

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	04230239	NONE		( 0-0 )	
LCS2	Dibromochloropropane (DBCP)	0.25	0.311	UGL	124.4	( 60-140 )	
MBLK	Dibromochloropropane (DBCP)	ND	<0.01	UGL			
MRL_CHK	Dibromochloropropane (DBCP)	0.01	0.0116	UGL	116.0	( 60-140 )	
MS	Dibromochloropropane (DBCP)	0.25	0.371	UGL	<u>148.4</u>	( 60-140 )	
MSD	Dibromochloropropane (DBCP)	0.25	0.353	UGL	<u>141.2</u>	( 60-140 )	
LCS2	Ethylene Dibromide (EDB)	0.25	0.294	UGL	117.6	( 60-140 )	
MBLK	Ethylene Dibromide (EDB)	ND	<0.01	UGL			
MRL_CHK	Ethylene Dibromide (EDB)	0.01	0.0081	UGL	81.0	( 60-140 )	
MS	Ethylene Dibromide (EDB)	0.25	0.353	UGL	<u>141.2</u>	( 60-140 )	
MSD	Ethylene Dibromide (EDB)	0.25	0.340	UGL	136.0	( 60-140 )	
LCS2	1,2-dibromopropane (surr)	100	109	%R	109.0	( 60-140 )	
MBLK	1,2-dibromopropane (surr)	100	110	%R	110.0		
MRL_CHK	1,2-dibromopropane (surr)	100	126	%R	126.0	( 60-140 )	

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MS	1,2-dibromopropane (surr)	100	117	%R	117.0	( 60-140 )
MSD	1,2-dibromopropane (surr)	100	115	%R	115.0	( 60-140 )

QC Ref #484451      Nitrate + Nitrite as N by RFA

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	04230238	MGL		( 0-0 )	
LCS1	Nitrate + Nitrite as N by RFA	1.0	0.98	MGL	98.0	( 90-110 )	
LCS2	Nitrate + Nitrite as N by RFA	1.0	0.97	MGL	97.0	( 90-110 )	
MBLK	Nitrate + Nitrite as N by RFA	ND	<0.030	MGL			
MRL_CHK	Nitrate + Nitrite as N by RFA	0.030	0.0238	MGL	79.3	( 50-150 )	
MS	Nitrate + Nitrite as N by RFA	1.0	1.08	MGL	108.0	( 90-110 )	
MSD	Nitrate + Nitrite as N by RFA	1.0	1.04	MGL	104.0	( 90-110 )	

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# CHAIN OF CUSTODY RECORD

MWH LABS USE ONLY

LOGIN COMMENTS:

SAMPLES CHECKED AGAINST COC BY: 269743

SAMPLE TEMP RECEIVED AT: 9.3 °C (Compliance: 4 +/- 2°C)

RECEIVED FROM CLIENT: REFRIGERATED  ON ICE

CONDITION OF ICE: FROZEN  PARTIALLY FROZEN  THAWED

SAMPLES LOGGED IN BY: [Signature]

SAMPLES REC'D DAY OF COLLECTION  (check for yes)

TO BE COMPLETED BY SAMPLER:

COMPANY, UTILITY or PROJECT: City of Phoenix

SYSTEM #: SR-85 LF

COMPLIANCE SAMPLES  (check for yes)

NON-COMPLIANCE SAMPLES  (check for yes)

MWH LABS CLIENT CODE: Phoenix LF

P.O.# / JOB # / PROJECT: SEE ATTACHED BOTTLE ORDER FOR ANALYSES

REG. NO. WA, Phase V, NPDES, PDA - 3

SAMPLER PRINTED NAME AND SIGNATURE: H. HARTLINE

TAT requested: rush by adv notice only

Types of samples (check each): ROUTINE, SPECIAL, CONFIRMATION

LIST ANALYSES REQUIRED BELOW (enter number of bottles sent for each test for each sample)

DATE	TIME	SITE NAME OR SAMPLE I.D.	STATION # or LOCATION	MATRIX	GRAB	COMP	SAMPLER COMMENTS
4/23	8:00	85A-209	SR-85 LF	RW	✓		ms, ms, o
		85B-209			✓		
		85B4b-209			✓		
		85C-209			✓		
		85C4b-209			✓		
		85D-209			✓		
		85D4b-209			✓		
		85E-209			✓		
		85E4b-209			✓		

\* MATRIX TYPES:

RSW = Raw Surface Water

CFW = Chloraminated Finished Water

CWW = Chlorinated Waste Water

BW = Bottled Water

RGW = Raw Ground Water

FW = Other Finished Water

OWW = Other Waste Water

SW = Storm Water

SD = Soil

SL = Sludge

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE
	<u>[Signature]</u>	HILARY R. HARTLINE	CITY OF PHOENIX	4/23/09
	<u>[Signature]</u>	A. Alarico	CDC	4-23-09
	<u>[Signature]</u>	A. Alarico	CDC	4-23-09
	<u>[Signature]</u>	Steve Warden	Phoenix	4-23-09
	<u>[Signature]</u>	Steve Warden	Phoenix	4-23-09
	<u>[Signature]</u>	Steve Warden	Phoenix	4/23/09