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LABORATORIES

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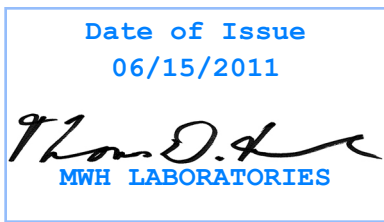
750 Royal Oak Dr., Suite 100
Monrovia, California, 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

City of Phoenix
Public Works/Disposal
3060 South 27th Avenue
Phoenix, AZ 85009-6810

Attention: Jesus Paez



TDF: Thomas.D.French
Project Manager



Report#: 367067
Project: SR85
ADHS License# AZ0455
Group: SR85-2011-2

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 Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

**MWH****LABORATORIES****STATE CERTIFICATION LIST**

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
Alaska	CA00006	Montana	Cert 0035
Arizona	AZ0455	Nevada	CA00006-2010-1
Arkansas	Certified	New Hampshire	2959-10
California – NELAP	01114CA	New Jersey	CA 008
California – ELAP	1422	New Mexico	Certified
Colorado	Certified	New York	11320
Connecticut	PH-0107	North Carolina	6701
Delaware	CA 006	North Dakota	R-009
Florida	E871024	Oregon	CA 200003-007
Georgia	947	Pennsylvania	68-565
Guam	09-006r	Rhode Island	01114CA
Hawaii	Certified	South Carolina	87016001
Idaho	Certified	South Dakota	Certified
Illinois	200033	Tennessee	TN02839
Indiana	C-CA-01	Texas	T104704230-10-1
Kansas	E-10268	Utah	Mont-1
Kentucky	90107	Vermont	VT0114
Louisiana	LA070018	Virginia	210
Maine	CA0006	Washington	C383-10a
Maryland	224	West Virginia	9943 C
Commonwealth of Northern Marianas Is.	0007;0008	Wisconsin	998316660
Massachusetts	M-CA006	Wyoming	8TMS-Q
Michigan	9906	EPA Region 5	Certified



Acknowledgement of Samples Received

City of Phoenix

Public Works/Disposal
3060 South 27th Avenue
Phoenix, AZ 85009-6810
Attn: Jesus Paez
Phone: (602) 534 6655

Customer Code: PHOENIX-LF
Folder #: 367067
Project: SR85
Sample Group: SR85-2011-2
Project Manager: Thomas.D.French
Phone: (480) 778-1558

The following samples were received from you on **June 09, 2011**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample ID	Sample Date
201106090251	85B-211 Sample Type: FO Well ID: MW-4	Jun 09, 2011 10:31
	Selenium Total ICAP/MS	

Test Description



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Laboratory Comments
Report: #367067



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**Laboratory
Hits Report: 367067**

City of Phoenix
Jesus Paez
Public Works/Disposal
3060 South 27th Avenue
Phoenix, AZ 85009-6810

Samples Received on:
06/09/2011

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
06/13/2011 21:32	Selenium Total	201106090251 <u>85B-211</u>	6.1	50	ug/L	5



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Laboratory Data
Report: 367067

City of Phoenix
Jesus Paez
Public Works/Disposal
3060 South 27th Avenue
Phoenix, AZ 85009-6810

Samples Received on:
06/09/2011

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
85B-211 (201106090251)						Sampled on 06/09/2011 1031		
Sample Type: FO Well Id: MW-4								
EPA 200.8 - ICPMS Metals								
06/13/2011	21:32	605115	(EPA 200.8)	Selenium Total ICAP/MS	6.1	ug/L	5	1



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QC Summary: 367067

City of Phoenix

QC Ref # 605115 - ICPMS Metals

201106090251

85B-211

Analysis Date: 06/13/2011

Analyzed by: DYH



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QC Report: 367067

City of Phoenix

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 605115 - ICPMS Metals by EPA 200.8					Analysis Date: 06/13/2011				
LCS1	Selenium Total ICAP/MS		20	20.9	ug/L	105	(85-115)		
LCS2	Selenium Total ICAP/MS		20	20.6	ug/L	103	(85-115)	20	1.5
MBLK	Selenium Total ICAP/MS			<5	ug/L				
MRL_CHK	Selenium Total ICAP/MS		5.0	5.16	ug/L	103	(50-150)		
MS_201106080235	Selenium Total ICAP/MS	ND	20	21.0	ug/L	105	(70-130)		
MS2_201106090066	Selenium Total ICAP/MS	ND	20	23.1	ug/L	105	(70-130)		
MSD_201106080235	Selenium Total ICAP/MS	ND	20	20.3	ug/L	101	(70-130)	20	3.9
MSD2_201106090066	Selenium Total ICAP/MS	ND	20	22.7	ug/L	103	(70-130)	20	1.9

Spike recovery is already corrected for native results.

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 are advisory only, unless otherwise specified in the method.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

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RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)