

Sample Summary Report

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	LCS001	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:		pH:	2	Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	393		ug/L	393		1.0	Yes	S3VEM
Antimony	Spike	117		ug/L	117		1.0	Yes	S3VEM
Arsenic	Spike	15.4		ug/L	15.4		1.0	Yes	S3VEM
Barium	Spike	426		ug/L	426		1.0	Yes	S3VEM
Beryllium	Spike	10.2		ug/L	10.2		1.0	Yes	S3VEM
Cadmium	Spike	9.4		ug/L	9.4		1.0	Yes	S3VEM
Chromium	Spike	21.2		ug/L	21.2		1.0	Yes	S3VEM
Cobalt	Spike	93.2		ug/L	93.2		1.0	Yes	S3VEM
Copper	Spike	52.0		ug/L	52.0		1.0	Yes	S3VEM
Iron	Spike	215		ug/L	215		1.0	Yes	S3VEM
Lead	Spike	20.5		ug/L	20.5		1.0	Yes	S3VEM
Manganese	Spike	31.2		ug/L	31.2		1.0	Yes	S3VEM
Nickel	Spike	74.5		ug/L	74.5		1.0	Yes	S3VEM
Selenium	Spike	67.2		ug/L	67.2		1.0	Yes	S3VEM
Silver	Spike	18.4		ug/L	18.4		1.0	Yes	S3VEM
Thallium	Spike	54.9		ug/L	54.9		1.0	Yes	S3VEM
Vanadium	Spike	105		ug/L	105		1.0	Yes	S3VEM
Zinc	Spike	115		ug/L	115		1.0	Yes	S3VEM
Calcium	Spike	9840		ug/L	9840		1.0	Yes	S3VEM
Magnesium	Spike	9210		ug/L	9210		1.0	Yes	S3VEM
Sodium	Spike	9970		ug/L	9970		1.0	Yes	S3VEM
Potassium	Spike	9500		ug/L	9500		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: LCS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	100

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	38.4		mg/kg	38.4		1.0	Yes	S3VEM
Antimony	Spike	11.6		mg/kg	11.6		1.0	Yes	S3VEM
Arsenic	Spike	1.6		mg/kg	1.6		1.0	Yes	S3VEM
Barium	Spike	43.0		mg/kg	43.0		1.0	Yes	S3VEM
Beryllium	Spike	1.0		mg/kg	1.0		1.0	Yes	S3VEM
Cadmium	Spike	0.93		mg/kg	0.93		1.0	Yes	S3VEM
Chromium	Spike	2.2		mg/kg	2.2		1.0	Yes	S3VEM
Cobalt	Spike	9.4		mg/kg	9.4		1.0	Yes	S3VEM
Copper	Spike	5.4		mg/kg	5.4		1.0	Yes	S3VEM
Iron	Spike	22.4		mg/kg	22.4		1.0	Yes	S3VEM
Lead	Spike	1.9		mg/kg	1.9		1.0	Yes	S3VEM
Manganese	Spike	3.2		mg/kg	3.2		1.0	Yes	S3VEM
Nickel	Spike	7.6		mg/kg	7.6		1.0	Yes	S3VEM
Selenium	Spike	7.0		mg/kg	7.0		1.0	Yes	S3VEM
Silver	Spike	1.9		mg/kg	1.9		1.0	Yes	S3VEM
Thallium	Spike	5.9		mg/kg	5.9		1.0	Yes	S3VEM
Vanadium	Spike	11.0		mg/kg	11.0		1.0	Yes	S3VEM
Zinc	Spike	11.6		mg/kg	11.6		1.0	Yes	S3VEM
Sodium	Spike	1000		mg/kg	1000		1.0	Yes	S3VEM
Magnesium	Spike	946		mg/kg	946		1.0	Yes	S3VEM
Potassium	Spike	1020		mg/kg	1020		1.0	Yes	S3VEM
Calcium	Spike	1020		mg/kg	1020		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJE8	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location: VCLHR116RB	pH: 2	Sample Date: 07/14/2016	Sample Time: 15:50:00
% Moisture :	% Solids :		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	188	J	ug/L	188	J	1.0	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1.0	Yes	S3VEM
Beryllium	Target	0.25	J	ug/L	0.25	J	1.0	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1.0	Yes	S3VEM
Iron	Target	248		ug/L	248		1.0	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Manganese	Target	2.0	J	ug/L	2.0	J	1.0	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1.0	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1.0	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Thallium	Target	4.3	J	ug/L	4.3	J	1.0	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJE8	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	VCLHR116RB	pH:	2	Sample Date:	07/14/2016	Sample Time:	15:50:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	U	ug/L	0.20	U	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJF5	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR14101	pH:	Sample Date: 07/15/2016	Sample Time: 10:10:00
% Moisture :		% Solids : 50.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8400		mg/kg	8400		1.0	Yes	S3VEM
Antimony	Target	0.84	J	mg/kg	0.84	J*	1.0	Yes	S3VEM
Arsenic	Target	6.4		mg/kg	6.4		1.0	Yes	S3VEM
Barium	Target	188		mg/kg	188		1.0	Yes	S3VEM
Beryllium	Target	0.61	J	mg/kg	0.61	J	1.0	Yes	S3VEM
Cadmium	Target	3.3		mg/kg	3.3		1.0	Yes	S3VEM
Calcium	Target	4320		mg/kg	4320		1.0	Yes	S3VEM
Chromium	Target	116	J	mg/kg	116	*	1.0	Yes	S3VEM
Cobalt	Target	7.8		mg/kg	7.8		1.0	Yes	S3VEM
Copper	Target	266	J	mg/kg	266		1.0	Yes	S3VEM
Iron	Target	25200		mg/kg	25200		1.0	Yes	S3VEM
Lead	Target	221		mg/kg	221		1.0	Yes	S3VEM
Magnesium	Target	3830		mg/kg	3830		1.0	Yes	S3VEM
Manganese	Target	329		mg/kg	329		1.0	Yes	S3VEM
Nickel	Target	28.3		mg/kg	28.3		1.0	Yes	S3VEM
Potassium	Target	1030		mg/kg	1030		1.0	Yes	S3VEM
Selenium	Target	5.3	U	mg/kg	5.3	U*	1.0	Yes	S3VEM
Silver	Target	3.5		mg/kg	3.5	*	1.0	Yes	S3VEM
Sodium	Target	1140		mg/kg	1140		1.0	Yes	S3VEM
Thallium	Target	3.8	U	mg/kg	3.8	U	1.0	Yes	S3VEM
Vanadium	Target	26.4		mg/kg	26.4		1.0	Yes	S3VEM
Zinc	Target	399		mg/kg	399	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJF5	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR14101	pH:		Sample Date:	07/15/2016	Sample Time:	10:10:00
% Moisture :				% Solids :	50.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	2.3		mg/kg	2.3		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJF6	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location: SSLHR141RB	pH: 2	Sample Date: 07/15/2016	Sample Time: 11:10:00
% Moisture :	% Solids :		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12.2	J	ug/L	12.2	J	1.0	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1.0	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1.0	Yes	S3VEM
Iron	Target	34.2	J	ug/L	34.2	J	1.0	Yes	S3VEM
Lead	Target	2.1	J	ug/L	2.1	J	1.0	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Manganese	Target	15.0	U	ug/L	15.0	U	1.0	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1.0	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1.0	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Sodium	Target	522	J	ug/L	522	J	1.0	Yes	S3VEM
Thallium	Target	4.2	J	ug/L	4.2	J	1.0	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJF6	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	SSLHR141RB	pH:	2	Sample Date:	07/15/2016	Sample Time:	11:10:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	U	ug/L	0.20	U	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJF7	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR121	pH:	Sample Date: 07/21/2016	Sample Time: 08:59:00
% Moisture :		% Solids : 36.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12400	J	mg/kg	12400		1.0	Yes	S3VEM
Antimony	Target	11.4	UJ	mg/kg	11.4	U*	1.0	Yes	S3VEM
Arsenic	Target	10.1	J	mg/kg	10.1		1.0	Yes	S3VEM
Barium	Target	99.2	J	mg/kg	99.2		1.0	Yes	S3VEM
Beryllium	Target	0.92	J	mg/kg	0.92	J	1.0	Yes	S3VEM
Cadmium	Target	3.0	J	mg/kg	3.0		1.0	Yes	S3VEM
Calcium	Target	3530	J	mg/kg	3530		1.0	Yes	S3VEM
Chromium	Target	107	J	mg/kg	107	*	1.0	Yes	S3VEM
Cobalt	Target	11.6	J	mg/kg	11.6		1.0	Yes	S3VEM
Copper	Target	85.8	J	mg/kg	85.8		1.0	Yes	S3VEM
Iron	Target	34100	J	mg/kg	34100		1.0	Yes	S3VEM
Lead	Target	97.0	J	mg/kg	97.0		1.0	Yes	S3VEM
Magnesium	Target	5840	J	mg/kg	5840		1.0	Yes	S3VEM
Manganese	Target	330	J	mg/kg	330		1.0	Yes	S3VEM
Nickel	Target	31.1	J	mg/kg	31.1		1.0	Yes	S3VEM
Potassium	Target	1930	J	mg/kg	1930		1.0	Yes	S3VEM
Selenium	Target	6.7	UJ	mg/kg	6.7	U*	1.0	Yes	S3VEM
Silver	Target	2.7	J	mg/kg	2.7	*	1.0	Yes	S3VEM
Sodium	Target	3900	J	mg/kg	3900		1.0	Yes	S3VEM
Thallium	Target	4.8	UJ	mg/kg	4.8	U	1.0	Yes	S3VEM
Vanadium	Target	31.8	J	mg/kg	31.8		1.0	Yes	S3VEM
Zinc	Target	225	J	mg/kg	225	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJF7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR121	pH:		Sample Date:	07/21/2016	Sample Time:	08:59:00
% Moisture :				% Solids :	36.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	2.3	J	mg/kg	2.3		1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJF8	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR121	pH:		Sample Date:	07/21/2016	Sample Time:	09:14:00
% Moisture :				% Solids :	60.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.14	U	mg/kg	0.14	U	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJF8	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR121	pH:	Sample Date: 07/21/2016	Sample Time: 09:14:00
% Moisture :		% Solids : 60.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10200		mg/kg	10200		1.0	Yes	S3VEM
Antimony	Target	7.3	U	mg/kg	7.3	U*	1.0	Yes	S3VEM
Arsenic	Target	3.7		mg/kg	3.7		1.0	Yes	S3VEM
Barium	Target	55.3		mg/kg	55.3		1.0	Yes	S3VEM
Beryllium	Target	0.72		mg/kg	0.72		1.0	Yes	S3VEM
Cadmium	Target	1.2		mg/kg	1.2		1.0	Yes	S3VEM
Calcium	Target	1660		mg/kg	1660		1.0	Yes	S3VEM
Chromium	Target	18.6		mg/kg	18.6	*	1.0	Yes	S3VEM
Cobalt	Target	10.2		mg/kg	10.2		1.0	Yes	S3VEM
Copper	Target	13.6		mg/kg	13.6		1.0	Yes	S3VEM
Iron	Target	22400		mg/kg	22400		1.0	Yes	S3VEM
Lead	Target	10.1		mg/kg	10.1		1.0	Yes	S3VEM
Magnesium	Target	4440		mg/kg	4440		1.0	Yes	S3VEM
Manganese	Target	270		mg/kg	270		1.0	Yes	S3VEM
Nickel	Target	20.8		mg/kg	20.8		1.0	Yes	S3VEM
Potassium	Target	1420		mg/kg	1420		1.0	Yes	S3VEM
Selenium	Target	4.2	U	mg/kg	4.2	U*	1.0	Yes	S3VEM
Silver	Target	0.71	J	mg/kg	0.71	J*	1.0	Yes	S3VEM
Sodium	Target	1320		mg/kg	1320		1.0	Yes	S3VEM
Thallium	Target	3.0	U	mg/kg	3.0	U	1.0	Yes	S3VEM
Vanadium	Target	26.9		mg/kg	26.9		1.0	Yes	S3VEM
Zinc	Target	51.4		mg/kg	51.4	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJF9	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR125	pH:		Sample Date:	07/21/2016	Sample Time:	09:43:00
% Moisture :				% Solids :	32.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.5	J	mg/kg	3.5		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJF9	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR125	pH:	Sample Date: 07/21/2016	Sample Time: 09:43:00
% Moisture :		% Solids : 32.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14200	J	mg/kg	14200		1.0	Yes	S3VEM
Antimony	Target	12.9	UJ	mg/kg	12.9	U*	1.0	Yes	S3VEM
Arsenic	Target	10.4	J	mg/kg	10.4		1.0	Yes	S3VEM
Barium	Target	168	J	mg/kg	168		1.0	Yes	S3VEM
Beryllium	Target	1.0	J	mg/kg	1.0	J	1.0	Yes	S3VEM
Cadmium	Target	4.4	J	mg/kg	4.4		1.0	Yes	S3VEM
Calcium	Target	4630	J	mg/kg	4630		1.0	Yes	S3VEM
Chromium	Target	201	J	mg/kg	201	*	1.0	Yes	S3VEM
Cobalt	Target	11.6	J	mg/kg	11.6		1.0	Yes	S3VEM
Copper	Target	165	J	mg/kg	165		1.0	Yes	S3VEM
Iron	Target	36100	J	mg/kg	36100		1.0	Yes	S3VEM
Lead	Target	129	J	mg/kg	129		1.0	Yes	S3VEM
Magnesium	Target	6850	J	mg/kg	6850		1.0	Yes	S3VEM
Manganese	Target	452	J	mg/kg	452		1.0	Yes	S3VEM
Nickel	Target	36.0	J	mg/kg	36.0		1.0	Yes	S3VEM
Potassium	Target	2310	J	mg/kg	2310		1.0	Yes	S3VEM
Selenium	Target	7.5	UJ	mg/kg	7.5	U*	1.0	Yes	S3VEM
Silver	Target	4.6	J	mg/kg	4.6	*	1.0	Yes	S3VEM
Sodium	Target	4450	J	mg/kg	4450		1.0	Yes	S3VEM
Thallium	Target	5.4	UJ	mg/kg	5.4	U	1.0	Yes	S3VEM
Vanadium	Target	34.4	J	mg/kg	34.4		1.0	Yes	S3VEM
Zinc	Target	366	J	mg/kg	366	*	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG0	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR125	pH:	Sample Date: 07/21/2016	Sample Time: 09:56:00
% Moisture :		% Solids : 41.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15300	J	mg/kg	15300		1.0	Yes	S3VEM
Antimony	Target	9.9	UJ	mg/kg	9.9	U*	1.0	Yes	S3VEM
Arsenic	Target	25.1	J	mg/kg	25.1		1.0	Yes	S3VEM
Barium	Target	321	J	mg/kg	321		1.0	Yes	S3VEM
Beryllium	Target	1.2	J	mg/kg	1.2		1.0	Yes	S3VEM
Cadmium	Target	9.6	J	mg/kg	9.6		1.0	Yes	S3VEM
Calcium	Target	5380	J	mg/kg	5380		1.0	Yes	S3VEM
Chromium	Target	746	J	mg/kg	746	*	1.0	Yes	S3VEM
Cobalt	Target	13.0	J	mg/kg	13.0		1.0	Yes	S3VEM
Copper	Target	348	J	mg/kg	348		1.0	Yes	S3VEM
Iron	Target	32900	J	mg/kg	32900		1.0	Yes	S3VEM
Lead	Target	314	J	mg/kg	314		1.0	Yes	S3VEM
Magnesium	Target	5610	J	mg/kg	5610		1.0	Yes	S3VEM
Manganese	Target	423	J	mg/kg	423		1.0	Yes	S3VEM
Nickel	Target	52.1	J	mg/kg	52.1		1.0	Yes	S3VEM
Potassium	Target	1730	J	mg/kg	1730		1.0	Yes	S3VEM
Selenium	Target	5.8	UJ	mg/kg	5.8	U*	1.0	Yes	S3VEM
Silver	Target	8.6	J	mg/kg	8.6	*	1.0	Yes	S3VEM
Sodium	Target	2700	J	mg/kg	2700		1.0	Yes	S3VEM
Thallium	Target	4.1	UJ	mg/kg	1.5	J	1.0	Yes	S3VEM
Vanadium	Target	58.0	J	mg/kg	58.0		1.0	Yes	S3VEM
Zinc	Target	767	J	mg/kg	767	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR125	pH:		Sample Date:	07/21/2016	Sample Time:	09:56:00
% Moisture :				% Solids :	41.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	11.3	J	mg/kg	11.3	D	5.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG1	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR129	pH:		Sample Date:	07/21/2016	Sample Time:	10:21:00
% Moisture :				% Solids :	35.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.2	J	mg/kg	3.2		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG1	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR129	pH:	Sample Date: 07/21/2016	Sample Time: 10:21:00
% Moisture :		% Solids : 35.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13000	J	mg/kg	13000		1.0	Yes	S3VEM
Antimony	Target	12.4	UJ	mg/kg	12.4	U*	1.0	Yes	S3VEM
Arsenic	Target	8.6	J	mg/kg	8.6		1.0	Yes	S3VEM
Barium	Target	164	J	mg/kg	164		1.0	Yes	S3VEM
Beryllium	Target	0.90	J	mg/kg	0.90	J	1.0	Yes	S3VEM
Cadmium	Target	4.1	J	mg/kg	4.1		1.0	Yes	S3VEM
Calcium	Target	5950	J	mg/kg	5950		1.0	Yes	S3VEM
Chromium	Target	179	J	mg/kg	179	*	1.0	Yes	S3VEM
Cobalt	Target	10.9	J	mg/kg	10.9		1.0	Yes	S3VEM
Copper	Target	195	J	mg/kg	195		1.0	Yes	S3VEM
Iron	Target	33600	J	mg/kg	33600		1.0	Yes	S3VEM
Lead	Target	188	J	mg/kg	188		1.0	Yes	S3VEM
Magnesium	Target	6290	J	mg/kg	6290		1.0	Yes	S3VEM
Manganese	Target	488	J	mg/kg	488		1.0	Yes	S3VEM
Nickel	Target	38.3	J	mg/kg	38.3		1.0	Yes	S3VEM
Potassium	Target	2010	J	mg/kg	2010		1.0	Yes	S3VEM
Selenium	Target	7.2	UJ	mg/kg	7.2	U*	1.0	Yes	S3VEM
Silver	Target	4.2	J	mg/kg	4.2	*	1.0	Yes	S3VEM
Sodium	Target	3720	J	mg/kg	3720		1.0	Yes	S3VEM
Thallium	Target	5.2	UJ	mg/kg	5.2	U	1.0	Yes	S3VEM
Vanadium	Target	34.2	J	mg/kg	34.2		1.0	Yes	S3VEM
Zinc	Target	380	J	mg/kg	380	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG2	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR129	pH:		Sample Date:	07/21/2016	Sample Time:	10:37:00
% Moisture :				% Solids :	66.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.032	J	mg/kg	0.032	J	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG2	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR129	pH:	Sample Date: 07/21/2016	Sample Time: 10:37:00
% Moisture :		% Solids : 66.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	6020		mg/kg	6020		1.0	Yes	S3VEM
Antimony	Target	6.2	U	mg/kg	6.2	U*	1.0	Yes	S3VEM
Arsenic	Target	2.1		mg/kg	2.1		1.0	Yes	S3VEM
Barium	Target	38.7		mg/kg	38.7		1.0	Yes	S3VEM
Beryllium	Target	0.41	J	mg/kg	0.41	J	1.0	Yes	S3VEM
Cadmium	Target	0.66		mg/kg	0.66		1.0	Yes	S3VEM
Calcium	Target	1240		mg/kg	1240		1.0	Yes	S3VEM
Chromium	Target	12.1		mg/kg	12.1	*	1.0	Yes	S3VEM
Cobalt	Target	6.4		mg/kg	6.4		1.0	Yes	S3VEM
Copper	Target	9.3		mg/kg	9.3		1.0	Yes	S3VEM
Iron	Target	12700		mg/kg	12700		1.0	Yes	S3VEM
Lead	Target	5.9		mg/kg	5.9		1.0	Yes	S3VEM
Magnesium	Target	2610		mg/kg	2610		1.0	Yes	S3VEM
Manganese	Target	171		mg/kg	171		1.0	Yes	S3VEM
Nickel	Target	11.7		mg/kg	11.7		1.0	Yes	S3VEM
Potassium	Target	742		mg/kg	742		1.0	Yes	S3VEM
Selenium	Target	3.6	U	mg/kg	3.6	U*	1.0	Yes	S3VEM
Silver	Target	0.46	J	mg/kg	0.46	J*	1.0	Yes	S3VEM
Sodium	Target	780		mg/kg	780		1.0	Yes	S3VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1.0	Yes	S3VEM
Vanadium	Target	17.4		mg/kg	17.4		1.0	Yes	S3VEM
Zinc	Target	31.3		mg/kg	31.3	*	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG3	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR131	pH:	Sample Date: 07/21/2016	Sample Time: 10:59:00
% Moisture :		% Solids : 34.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12100	J	mg/kg	12100		1.0	Yes	S3VEM
Antimony	Target	12.3	UJ	mg/kg	12.3	U*	1.0	Yes	S3VEM
Arsenic	Target	7.2	J	mg/kg	7.2		1.0	Yes	S3VEM
Barium	Target	195	J	mg/kg	195		1.0	Yes	S3VEM
Beryllium	Target	0.88	J	mg/kg	0.88	J	1.0	Yes	S3VEM
Cadmium	Target	5.1	J	mg/kg	5.1		1.0	Yes	S3VEM
Calcium	Target	5110	J	mg/kg	5110		1.0	Yes	S3VEM
Chromium	Target	185	J	mg/kg	185	*	1.0	Yes	S3VEM
Cobalt	Target	10.5	J	mg/kg	10.5		1.0	Yes	S3VEM
Copper	Target	177	J	mg/kg	177		1.0	Yes	S3VEM
Iron	Target	39800	J	mg/kg	39800		1.0	Yes	S3VEM
Lead	Target	138	J	mg/kg	138		1.0	Yes	S3VEM
Magnesium	Target	5840	J	mg/kg	5840		1.0	Yes	S3VEM
Manganese	Target	461	J	mg/kg	461		1.0	Yes	S3VEM
Nickel	Target	45.8	J	mg/kg	45.8		1.0	Yes	S3VEM
Potassium	Target	1800	J	mg/kg	1800		1.0	Yes	S3VEM
Selenium	Target	7.2	UJ	mg/kg	7.2	U*	1.0	Yes	S3VEM
Silver	Target	7.2	J	mg/kg	7.2	*	1.0	Yes	S3VEM
Sodium	Target	3760	J	mg/kg	3760		1.0	Yes	S3VEM
Thallium	Target	5.1	UJ	mg/kg	5.1	U	1.0	Yes	S3VEM
Vanadium	Target	32.5	J	mg/kg	32.5		1.0	Yes	S3VEM
Zinc	Target	374	J	mg/kg	374	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG3	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR131	pH:		Sample Date:	07/21/2016	Sample Time:	10:59:00
% Moisture :				% Solids :	34.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.4	J	mg/kg	3.4		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG4	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR131	pH:	Sample Date: 07/21/2016	Sample Time: 11:14:00
% Moisture :		% Solids :	75.8

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	5020		mg/kg	5020		1.0	Yes	S3VEM
Antimony	Target	5.6	U	mg/kg	5.6	U*	1.0	Yes	S3VEM
Arsenic	Target	2.4		mg/kg	2.4		1.0	Yes	S3VEM
Barium	Target	46.3		mg/kg	46.3		1.0	Yes	S3VEM
Beryllium	Target	0.33	J	mg/kg	0.33	J	1.0	Yes	S3VEM
Cadmium	Target	0.61		mg/kg	0.61		1.0	Yes	S3VEM
Calcium	Target	1010		mg/kg	1010		1.0	Yes	S3VEM
Chromium	Target	13.5		mg/kg	13.5	*	1.0	Yes	S3VEM
Cobalt	Target	4.9		mg/kg	4.9		1.0	Yes	S3VEM
Copper	Target	11.0		mg/kg	11.0		1.0	Yes	S3VEM
Iron	Target	10900		mg/kg	10900		1.0	Yes	S3VEM
Lead	Target	8.2		mg/kg	8.2		1.0	Yes	S3VEM
Magnesium	Target	1990		mg/kg	1990		1.0	Yes	S3VEM
Manganese	Target	147		mg/kg	147		1.0	Yes	S3VEM
Nickel	Target	10.1		mg/kg	10.1		1.0	Yes	S3VEM
Potassium	Target	546		mg/kg	546		1.0	Yes	S3VEM
Selenium	Target	3.3	U	mg/kg	3.3	U*	1.0	Yes	S3VEM
Silver	Target	0.51	J	mg/kg	0.51	J*	1.0	Yes	S3VEM
Sodium	Target	383	J	mg/kg	383	J	1.0	Yes	S3VEM
Thallium	Target	2.3	U	mg/kg	2.3	U	1.0	Yes	S3VEM
Vanadium	Target	14.8		mg/kg	14.8		1.0	Yes	S3VEM
Zinc	Target	31.5		mg/kg	31.5	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VC LHR131	pH:		Sample Date:	07/21/2016	Sample Time:	11:14:00
% Moisture :				% Solids :	75.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.014	J	mg/kg	0.014	J	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJG9	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR134	pH:	Sample Date: 07/21/2016	Sample Time: 13:16:00
% Moisture :		% Solids : 31	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13900	J	mg/kg	13900		1.0	Yes	S3VEM
Antimony	Target	13.5	UJ	mg/kg	13.5	U*	1.0	Yes	S3VEM
Arsenic	Target	9.6	J	mg/kg	9.6		1.0	Yes	S3VEM
Barium	Target	170	J	mg/kg	170		1.0	Yes	S3VEM
Beryllium	Target	1.0	J	mg/kg	1.0	J	1.0	Yes	S3VEM
Cadmium	Target	4.4	J	mg/kg	4.4		1.0	Yes	S3VEM
Calcium	Target	5310	J	mg/kg	5310		1.0	Yes	S3VEM
Chromium	Target	200	J	mg/kg	200	*	1.0	Yes	S3VEM
Cobalt	Target	11.5	J	mg/kg	11.5		1.0	Yes	S3VEM
Copper	Target	161	J	mg/kg	161		1.0	Yes	S3VEM
Iron	Target	38100	J	mg/kg	38100		1.0	Yes	S3VEM
Lead	Target	141	J	mg/kg	141		1.0	Yes	S3VEM
Magnesium	Target	7140	J	mg/kg	7140		1.0	Yes	S3VEM
Manganese	Target	559	J	mg/kg	559		1.0	Yes	S3VEM
Nickel	Target	35.5	J	mg/kg	35.5		1.0	Yes	S3VEM
Potassium	Target	2140	J	mg/kg	2140		1.0	Yes	S3VEM
Selenium	Target	7.9	UJ	mg/kg	7.9	U*	1.0	Yes	S3VEM
Silver	Target	4.6	J	mg/kg	4.6	*	1.0	Yes	S3VEM
Sodium	Target	4540	J	mg/kg	4540		1.0	Yes	S3VEM
Thallium	Target	5.6	UJ	mg/kg	5.6	U	1.0	Yes	S3VEM
Vanadium	Target	36.2	J	mg/kg	36.2		1.0	Yes	S3VEM
Zinc	Target	367	J	mg/kg	367	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJG9	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR134	pH:		Sample Date:	07/21/2016	Sample Time:	13:16:00
% Moisture :				% Solids :	31		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.0	J	mg/kg	3.0		1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR134	pH:		Sample Date:	07/21/2016	Sample Time:	13:30:00
% Moisture :				% Solids :	69.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.13	U	mg/kg	0.13	U	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH0	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR134	pH:	Sample Date: 07/21/2016	Sample Time: 13:30:00
% Moisture :		% Solids :	69.9

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	5820		mg/kg	5820		1.0	Yes	S3VEM
Antimony	Target	5.9	U	mg/kg	5.9	U*	1.0	Yes	S3VEM
Arsenic	Target	3.3		mg/kg	3.3		1.0	Yes	S3VEM
Barium	Target	45.7		mg/kg	45.7		1.0	Yes	S3VEM
Beryllium	Target	0.44	J	mg/kg	0.44	J	1.0	Yes	S3VEM
Cadmium	Target	0.70		mg/kg	0.70		1.0	Yes	S3VEM
Calcium	Target	1230		mg/kg	1230		1.0	Yes	S3VEM
Chromium	Target	10.3		mg/kg	10.3	*	1.0	Yes	S3VEM
Cobalt	Target	5.8		mg/kg	5.8		1.0	Yes	S3VEM
Copper	Target	7.8		mg/kg	7.8		1.0	Yes	S3VEM
Iron	Target	13700		mg/kg	13700		1.0	Yes	S3VEM
Lead	Target	5.5		mg/kg	5.5		1.0	Yes	S3VEM
Magnesium	Target	2310		mg/kg	2310		1.0	Yes	S3VEM
Manganese	Target	183		mg/kg	183		1.0	Yes	S3VEM
Nickel	Target	10.5		mg/kg	10.5		1.0	Yes	S3VEM
Potassium	Target	642		mg/kg	642		1.0	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U*	1.0	Yes	S3VEM
Silver	Target	0.50	J	mg/kg	0.50	J*	1.0	Yes	S3VEM
Sodium	Target	581		mg/kg	581		1.0	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1.0	Yes	S3VEM
Vanadium	Target	17.0		mg/kg	17.0		1.0	Yes	S3VEM
Zinc	Target	26.2		mg/kg	26.2	*	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH1	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR135	pH:	Sample Date: 07/21/2016	Sample Time: 13:49:00
% Moisture :		% Solids : 29.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14100	J	mg/kg	14100		1.0	Yes	S3VEM
Antimony	Target	0.38	J	mg/kg	0.38	J*	1.0	Yes	S3VEM
Arsenic	Target	9.4	J	mg/kg	9.4		1.0	Yes	S3VEM
Barium	Target	168	J	mg/kg	168		1.0	Yes	S3VEM
Beryllium	Target	0.85	J	mg/kg	0.85		1.0	Yes	S3VEM
Cadmium	Target	4.9	J	mg/kg	4.9		1.0	Yes	S3VEM
Calcium	Target	5120	J	mg/kg	5120		1.0	Yes	S3VEM
Chromium	Target	172	J	mg/kg	172	*	1.0	Yes	S3VEM
Cobalt	Target	11.4	J	mg/kg	11.4		1.0	Yes	S3VEM
Copper	Target	158	J	mg/kg	158		1.0	Yes	S3VEM
Iron	Target	32800	J	mg/kg	32800		1.0	Yes	S3VEM
Lead	Target	140	J	mg/kg	140		1.0	Yes	S3VEM
Magnesium	Target	6240	J	mg/kg	6240		1.0	Yes	S3VEM
Manganese	Target	481	J	mg/kg	481		1.0	Yes	S3VEM
Nickel	Target	35.4	J	mg/kg	35.4		1.0	Yes	S3VEM
Potassium	Target	1890	J	mg/kg	1890		1.0	Yes	S3VEM
Selenium	Target	2.7	UJ	mg/kg	2.7	U*	1.0	Yes	S3VEM
Silver	Target	4.3	J	mg/kg	4.3	*	1.0	Yes	S3VEM
Sodium	Target	4220	J	mg/kg	4220		1.0	Yes	S3VEM
Thallium	Target	1.9	UJ	mg/kg	0.59	J	1.0	Yes	S3VEM
Vanadium	Target	31.6	J	mg/kg	31.6		1.0	Yes	S3VEM
Zinc	Target	348	J	mg/kg	348	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH1	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR135	pH:		Sample Date:	07/21/2016	Sample Time:	13:49:00
% Moisture :				% Solids :	29.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.2	J	mg/kg	3.2	D	5.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH2	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR135	pH:	Sample Date: 07/21/2016	Sample Time: 14:04:00
% Moisture :		% Solids : 74	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	5420		mg/kg	5420		1.0	Yes	S3VEM
Antimony	Target	5.7	U	mg/kg	5.7	U*	1.0	Yes	S3VEM
Arsenic	Target	4.6		mg/kg	4.6		1.0	Yes	S3VEM
Barium	Target	45.2		mg/kg	45.2		1.0	Yes	S3VEM
Beryllium	Target	0.37	J	mg/kg	0.37	J	1.0	Yes	S3VEM
Cadmium	Target	0.65		mg/kg	0.65		1.0	Yes	S3VEM
Calcium	Target	1090		mg/kg	1090		1.0	Yes	S3VEM
Chromium	Target	13.4		mg/kg	13.4	*	1.0	Yes	S3VEM
Cobalt	Target	5.1		mg/kg	5.1		1.0	Yes	S3VEM
Copper	Target	11.3		mg/kg	11.3		1.0	Yes	S3VEM
Iron	Target	12400		mg/kg	12400		1.0	Yes	S3VEM
Lead	Target	24.2		mg/kg	24.2		1.0	Yes	S3VEM
Magnesium	Target	2010		mg/kg	2010		1.0	Yes	S3VEM
Manganese	Target	102		mg/kg	102		1.0	Yes	S3VEM
Nickel	Target	9.9		mg/kg	9.9		1.0	Yes	S3VEM
Potassium	Target	584		mg/kg	584		1.0	Yes	S3VEM
Selenium	Target	3.3	U	mg/kg	3.3	U*	1.0	Yes	S3VEM
Silver	Target	0.50	J	mg/kg	0.50	J*	1.0	Yes	S3VEM
Sodium	Target	466	J	mg/kg	466	J	1.0	Yes	S3VEM
Thallium	Target	2.4	U	mg/kg	2.4	U	1.0	Yes	S3VEM
Vanadium	Target	15.3		mg/kg	15.3		1.0	Yes	S3VEM
Zinc	Target	32.9		mg/kg	32.9	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH2	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR135	pH:		Sample Date:	07/21/2016	Sample Time:	14:04:00
% Moisture :				% Solids :	74		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.19		mg/kg	0.19		1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH3	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR136	pH:		Sample Date:	07/21/2016	Sample Time:	14:20:00
% Moisture :				% Solids :	31.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14400	J	mg/kg	14400		1.0	Yes	S3VEM
Antimony	Target	13.2	UJ	mg/kg	13.2	U*	1.0	Yes	S3VEM
Arsenic	Target	11.3	J	mg/kg	11.3		1.0	Yes	S3VEM
Barium	Target	181	J	mg/kg	181		1.0	Yes	S3VEM
Beryllium	Target	1.0	J	mg/kg	1.0	J	1.0	Yes	S3VEM
Cadmium	Target	4.6	J	mg/kg	4.6		1.0	Yes	S3VEM
Calcium	Target	4940	J	mg/kg	4940		1.0	Yes	S3VEM
Chromium	Target	215	J	mg/kg	215	*	1.0	Yes	S3VEM
Cobalt	Target	11.9	J	mg/kg	11.9		1.0	Yes	S3VEM
Copper	Target	167	J	mg/kg	167		1.0	Yes	S3VEM
Iron	Target	38200	J	mg/kg	38200		1.0	Yes	S3VEM
Lead	Target	132	J	mg/kg	132		1.0	Yes	S3VEM
Magnesium	Target	7080	J	mg/kg	7080		1.0	Yes	S3VEM
Manganese	Target	602	J	mg/kg	602		1.0	Yes	S3VEM
Nickel	Target	36.3	J	mg/kg	36.3		1.0	Yes	S3VEM
Potassium	Target	2240	J	mg/kg	2240		1.0	Yes	S3VEM
Selenium	Target	7.7	UJ	mg/kg	7.7	U*	1.0	Yes	S3VEM
Silver	Target	4.8	J	mg/kg	4.8	*	1.0	Yes	S3VEM
Sodium	Target	4430	J	mg/kg	4430		1.0	Yes	S3VEM
Thallium	Target	5.5	UJ	mg/kg	5.5	U	1.0	Yes	S3VEM
Vanadium	Target	34.8	J	mg/kg	34.8		1.0	Yes	S3VEM
Zinc	Target	375	J	mg/kg	375	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH3	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR136	pH:		Sample Date:	07/21/2016	Sample Time:	14:20:00
% Moisture :				% Solids :	31.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.5	J	mg/kg	3.5		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH4	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR136	pH:	Sample Date: 07/21/2016	Sample Time: 14:32:00
% Moisture :		% Solids :	37.4

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15600	J	mg/kg	15600		1.0	Yes	S3VEM
Antimony	Target	11.0	UJ	mg/kg	11.0	U*	1.0	Yes	S3VEM
Arsenic	Target	11.4	J	mg/kg	11.4		1.0	Yes	S3VEM
Barium	Target	278	J	mg/kg	278		1.0	Yes	S3VEM
Beryllium	Target	1.0	J	mg/kg	1.0		1.0	Yes	S3VEM
Cadmium	Target	10.3	J	mg/kg	10.3		1.0	Yes	S3VEM
Calcium	Target	5870	J	mg/kg	5870		1.0	Yes	S3VEM
Chromium	Target	287	J	mg/kg	287	*	1.0	Yes	S3VEM
Cobalt	Target	13.5	J	mg/kg	13.5		1.0	Yes	S3VEM
Copper	Target	306	J	mg/kg	306		1.0	Yes	S3VEM
Iron	Target	35500	J	mg/kg	35500		1.0	Yes	S3VEM
Lead	Target	221	J	mg/kg	221		1.0	Yes	S3VEM
Magnesium	Target	6700	J	mg/kg	6700		1.0	Yes	S3VEM
Manganese	Target	576	J	mg/kg	576		1.0	Yes	S3VEM
Nickel	Target	60.1	J	mg/kg	60.1		1.0	Yes	S3VEM
Potassium	Target	2030	J	mg/kg	2030		1.0	Yes	S3VEM
Selenium	Target	6.4	UJ	mg/kg	6.4	U*	1.0	Yes	S3VEM
Silver	Target	12.2	J	mg/kg	12.2	*	1.0	Yes	S3VEM
Sodium	Target	2870	J	mg/kg	2870		1.0	Yes	S3VEM
Thallium	Target	4.6	UJ	mg/kg	4.6	U	1.0	Yes	S3VEM
Vanadium	Target	36.6	J	mg/kg	36.6		1.0	Yes	S3VEM
Zinc	Target	545	J	mg/kg	545	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VCLHR136	pH:		Sample Date:	07/21/2016	Sample Time:	14:32:00
% Moisture :				% Solids :	37.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	5.7	J	mg/kg	5.7	D	5.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH6	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR137	pH:		Sample Date:	07/22/2016	Sample Time:	08:52:00
% Moisture :				% Solids :	30.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.5	J	mg/kg	3.5		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR137	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids : 30.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13900	J	mg/kg	13900		1.0	Yes	S3VEM
Antimony	Target	14.3	UJ	mg/kg	14.3	U*	1.0	Yes	S3VEM
Arsenic	Target	10.1	J	mg/kg	10.1		1.0	Yes	S3VEM
Barium	Target	179	J	mg/kg	179		1.0	Yes	S3VEM
Beryllium	Target	0.96	J	mg/kg	0.96	J	1.0	Yes	S3VEM
Cadmium	Target	4.3	J	mg/kg	4.3		1.0	Yes	S3VEM
Calcium	Target	4810	J	mg/kg	4810		1.0	Yes	S3VEM
Chromium	Target	202	J	mg/kg	202	*	1.0	Yes	S3VEM
Cobalt	Target	11.1	J	mg/kg	11.1	J	1.0	Yes	S3VEM
Copper	Target	162	J	mg/kg	162		1.0	Yes	S3VEM
Iron	Target	36500	J	mg/kg	36500		1.0	Yes	S3VEM
Lead	Target	127	J	mg/kg	127		1.0	Yes	S3VEM
Magnesium	Target	6760	J	mg/kg	6760		1.0	Yes	S3VEM
Manganese	Target	580	J	mg/kg	580		1.0	Yes	S3VEM
Nickel	Target	34.1	J	mg/kg	34.1		1.0	Yes	S3VEM
Potassium	Target	2100	J	mg/kg	2100		1.0	Yes	S3VEM
Selenium	Target	8.3	UJ	mg/kg	8.3	U*	1.0	Yes	S3VEM
Silver	Target	4.7	J	mg/kg	4.7	*	1.0	Yes	S3VEM
Sodium	Target	4040	J	mg/kg	4040		1.0	Yes	S3VEM
Thallium	Target	6.0	UJ	mg/kg	6.0	U	1.0	Yes	S3VEM
Vanadium	Target	33.6	J	mg/kg	33.6		1.0	Yes	S3VEM
Zinc	Target	351	J	mg/kg	351	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH6A	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	07/22/2016	Sample Time:	08:52:00
% Moisture :				% Solids :	30.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	33.4		mg/kg	33.4		1.0	Yes	S3VEM
Selenium	Spike	20.3		mg/kg	20.3		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6D	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids :	30.2

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.8	J	mg/kg	3.8		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6D	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids : 30.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13900	J	mg/kg	13900		1.0	Yes	S3VEM
Antimony	Target	14.4	UJ	mg/kg	14.4	U	1.0	Yes	S3VEM
Arsenic	Target	10.0	J	mg/kg	10.0		1.0	Yes	S3VEM
Barium	Target	181	J	mg/kg	181		1.0	Yes	S3VEM
Beryllium	Target	0.96	J	mg/kg	0.96	J	1.0	Yes	S3VEM
Cadmium	Target	4.4	J	mg/kg	4.4		1.0	Yes	S3VEM
Calcium	Target	4840	J	mg/kg	4840		1.0	Yes	S3VEM
Chromium	Target	205	J	mg/kg	205		1.0	Yes	S3VEM
Cobalt	Target	11.3	J	mg/kg	11.3	J	1.0	Yes	S3VEM
Copper	Target	164	J	mg/kg	164		1.0	Yes	S3VEM
Iron	Target	36600	J	mg/kg	36600		1.0	Yes	S3VEM
Lead	Target	127	J	mg/kg	127		1.0	Yes	S3VEM
Magnesium	Target	6780	J	mg/kg	6780		1.0	Yes	S3VEM
Manganese	Target	582	J	mg/kg	582		1.0	Yes	S3VEM
Nickel	Target	34.5	J	mg/kg	34.5		1.0	Yes	S3VEM
Potassium	Target	2120	J	mg/kg	2120		1.0	Yes	S3VEM
Selenium	Target	8.4	UJ	mg/kg	8.4	U	1.0	Yes	S3VEM
Silver	Target	4.6	J	mg/kg	4.6		1.0	Yes	S3VEM
Sodium	Target	4050	J	mg/kg	4050		1.0	Yes	S3VEM
Thallium	Target	6.0	UJ	mg/kg	6.0	U	1.0	Yes	S3VEM
Vanadium	Target	33.7	J	mg/kg	33.7		1.0	Yes	S3VEM
Zinc	Target	363	J	mg/kg	363		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6L	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 30.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14800	J	mg/kg	14800		5.0	Yes	S3VEM
Antimony	Target	71.5	UJ	mg/kg	71.5	U	5.0	Yes	S3VEM
Arsenic	Target	10.6	J	mg/kg	10.6	J	5.0	Yes	S3VEM
Barium	Target	193	J	mg/kg	193	J	5.0	Yes	S3VEM
Beryllium	Target	1.1	J	mg/kg	1.1	J	5.0	Yes	S3VEM
Cadmium	Target	4.3	J	mg/kg	4.3	J	5.0	Yes	S3VEM
Calcium	Target	5220	J	mg/kg	5220	J	5.0	Yes	S3VEM
Chromium	Target	225	J	mg/kg	225	*	5.0	Yes	S3VEM
Cobalt	Target	11.3	J	mg/kg	11.3	J	5.0	Yes	S3VEM
Copper	Target	178	J	mg/kg	178		5.0	Yes	S3VEM
Iron	Target	40200	J	mg/kg	40200		5.0	Yes	S3VEM
Lead	Target	134	J	mg/kg	134		5.0	Yes	S3VEM
Magnesium	Target	7300	J	mg/kg	7300		5.0	Yes	S3VEM
Manganese	Target	639	J	mg/kg	639		5.0	Yes	S3VEM
Nickel	Target	34.6	J	mg/kg	34.6	J	5.0	Yes	S3VEM
Potassium	Target	2210	J	mg/kg	2210	J	5.0	Yes	S3VEM
Selenium	Target	41.5	UJ	mg/kg	41.5	U	5.0	Yes	S3VEM
Silver	Target	5.3	J	mg/kg	5.3	J*	5.0	Yes	S3VEM
Sodium	Target	4250	J	mg/kg	4250	J	5.0	Yes	S3VEM
Thallium	Target	30.0	UJ	mg/kg	30.0	U	5.0	Yes	S3VEM
Vanadium	Target	35.8	J	mg/kg	35.8	J	5.0	Yes	S3VEM
Zinc	Target	391	J	mg/kg	391	*	5.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6S	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids : 30.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	18.9		mg/kg	18.9	*	1.0	Yes	S3VEM
Arsenic	Spike	26.8		mg/kg	26.8		1.0	Yes	S3VEM
Barium	Spike	1180		mg/kg	1180		1.0	Yes	S3VEM
Beryllium	Spike	22.1		mg/kg	22.1		1.0	Yes	S3VEM
Cadmium	Spike	26.8		mg/kg	26.8		1.0	Yes	S3VEM
Chromium	Spike	305		mg/kg	305		1.0	Yes	S3VEM
Cobalt	Spike	249		mg/kg	249		1.0	Yes	S3VEM
Copper	Spike	288		mg/kg	288		1.0	Yes	S3VEM
Lead	Spike	139		mg/kg	139		1.0	Yes	S3VEM
Manganese	Spike	836		mg/kg	836		1.0	Yes	S3VEM
Nickel	Spike	270		mg/kg	270		1.0	Yes	S3VEM
Selenium	Spike	15.6		mg/kg	15.6	*	1.0	Yes	S3VEM
Silver	Spike	25.7		mg/kg	25.7		1.0	Yes	S3VEM
Thallium	Spike	27.2		mg/kg	27.2		1.0	Yes	S3VEM
Vanadium	Spike	276		mg/kg	276		1.0	Yes	S3VEM
Zinc	Spike	594		mg/kg	594		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH6S	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids :	30.2

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	5.1		mg/kg	5.1		1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	SSLHR13701	pH:		Sample Date:	07/22/2016	Sample Time:	08:52:00
% Moisture :				% Solids :	28.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	1.1	J	mg/kg	1.1		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH7	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: SSLHR13701	pH:	Sample Date: 07/22/2016	Sample Time: 08:52:00
% Moisture :		% Solids : 28.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13300	J	mg/kg	13300		1.0	Yes	S3VEM
Antimony	Target	4.6	UJ	mg/kg	4.6	U*	1.0	Yes	S3VEM
Arsenic	Target	9.0	J	mg/kg	9.0		1.0	Yes	S3VEM
Barium	Target	167	J	mg/kg	167		1.0	Yes	S3VEM
Beryllium	Target	0.88	J	mg/kg	0.88		1.0	Yes	S3VEM
Cadmium	Target	5.0	J	mg/kg	5.0		1.0	Yes	S3VEM
Calcium	Target	4360	J	mg/kg	4360		1.0	Yes	S3VEM
Chromium	Target	181	J	mg/kg	181	*	1.0	Yes	S3VEM
Cobalt	Target	12.2	J	mg/kg	12.2		1.0	Yes	S3VEM
Copper	Target	152	J	mg/kg	152		1.0	Yes	S3VEM
Iron	Target	31900	J	mg/kg	31900		1.0	Yes	S3VEM
Lead	Target	131	J	mg/kg	131		1.0	Yes	S3VEM
Magnesium	Target	6340	J	mg/kg	6340		1.0	Yes	S3VEM
Manganese	Target	512	J	mg/kg	512		1.0	Yes	S3VEM
Nickel	Target	36.3	J	mg/kg	36.3		1.0	Yes	S3VEM
Potassium	Target	1970	J	mg/kg	1970		1.0	Yes	S3VEM
Selenium	Target	2.7	UJ	mg/kg	2.7	U*	1.0	Yes	S3VEM
Silver	Target	4.2	J	mg/kg	4.2	*	1.0	Yes	S3VEM
Sodium	Target	3820	J	mg/kg	3820		1.0	Yes	S3VEM
Thallium	Target	0.85	J	mg/kg	0.85	J	1.0	Yes	S3VEM
Vanadium	Target	30.0	J	mg/kg	30.0		1.0	Yes	S3VEM
Zinc	Target	338	J	mg/kg	338	*	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: MBDJH8	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: VCLHR137	pH:	Sample Date: 07/22/2016	Sample Time: 09:09:00
% Moisture :		% Solids : 46.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	19300	J	mg/kg	19300		1.0	Yes	S3VEM
Antimony	Target	1.1	J	mg/kg	1.1	J*	1.0	Yes	S3VEM
Arsenic	Target	21.9	J	mg/kg	21.9		1.0	Yes	S3VEM
Barium	Target	525	J	mg/kg	525		1.0	Yes	S3VEM
Beryllium	Target	1.1	J	mg/kg	1.1		1.0	Yes	S3VEM
Cadmium	Target	2.4	J	mg/kg	2.4		1.0	Yes	S3VEM
Calcium	Target	2940	J	mg/kg	2940		1.0	Yes	S3VEM
Chromium	Target	108	J	mg/kg	108	*	1.0	Yes	S3VEM
Cobalt	Target	11.6	J	mg/kg	11.6		1.0	Yes	S3VEM
Copper	Target	169	J	mg/kg	169		1.0	Yes	S3VEM
Iron	Target	29500	J	mg/kg	29500		1.0	Yes	S3VEM
Lead	Target	259	J	mg/kg	259		1.0	Yes	S3VEM
Magnesium	Target	5210	J	mg/kg	5210		1.0	Yes	S3VEM
Manganese	Target	306	J	mg/kg	306		1.0	Yes	S3VEM
Nickel	Target	32.0	J	mg/kg	32.0		1.0	Yes	S3VEM
Potassium	Target	1550	J	mg/kg	1550		1.0	Yes	S3VEM
Selenium	Target	5.1	UJ	mg/kg	5.1	U*	1.0	Yes	S3VEM
Silver	Target	2.4	J	mg/kg	2.4	*	1.0	Yes	S3VEM
Sodium	Target	1250	J	mg/kg	1250		1.0	Yes	S3VEM
Thallium	Target	0.84	J	mg/kg	0.84	J	1.0	Yes	S3VEM
Vanadium	Target	45.5	J	mg/kg	45.5		1.0	Yes	S3VEM
Zinc	Target	318	J	mg/kg	318	*	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	MBDJH8	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	VC LHR137	pH:		Sample Date:	07/22/2016	Sample Time:	09:09:00
% Moisture :				% Solids :	46.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.2	J	mg/kg	3.2		1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: PBS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	100

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1.0	Yes	S3VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1.0	Yes	S3VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1.0	Yes	S3VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1.0	Yes	S3VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1.0	Yes	S3VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1.0	Yes	S3VEM
Calcium	Target	500	U	mg/kg	500	U	1.0	Yes	S3VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1.0	Yes	S3VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1.0	Yes	S3VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1.0	Yes	S3VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1.0	Yes	S3VEM
Lead	Target	-.13		mg/kg	-.13	J	1.0	Yes	S3VEM
Magnesium	Target	500	U	mg/kg	500	U	1.0	Yes	S3VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1.0	Yes	S3VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1.0	Yes	S3VEM
Potassium	Target	500	U	mg/kg	500	U	1.0	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1.0	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1.0	Yes	S3VEM
Sodium	Target	500	U	mg/kg	500	U	1.0	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1.0	Yes	S3VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1.0	Yes	S3VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	PBS004	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :				% Solids :	100		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.10	U	mg/kg	0.10	U	1.0	Yes	S3VEM

Case No: 46255	Contract: EPW14030	SDG No: MBDJE8	Lab Code: CHM
Sample Number: PBW001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH: 2	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1.0	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM
Arsenic	Target	-5.4		ug/L	-5.4	J	1.0	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1.0	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1.0	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1.0	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1.0	Yes	S3VEM
Lead	Target	1.7	J	ug/L	1.7	J	1.0	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Manganese	Target	15.0	U	ug/L	15.0	U	1.0	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1.0	Yes	S3VEM
Potassium	Target	-210		ug/L	-210	J	1.0	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1.0	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1.0	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1.0	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1.0	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1.0	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1.0	Yes	S3VEM

Case No:	46255	Contract:	EPW14030	SDG No:	MBDJE8	Lab Code:	CHM
Sample Number:	PBW003	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:		pH:	2	Sample Date:		Sample Time:	
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	U	ug/L	0.20	U	1.0	Yes	S3VEM

