



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 29, 2009

Ron Hicks
Riverside Associates
1123 Pomona Road
Yakima, WA 98901

Re: Analytical Data for Project 809
Laboratory Reference No. 0909-251

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted directly to Pacific Agricultural Laboratory on September 10, 2009.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'DB', followed by a horizontal line.

David Baumeister
Project Manager

Enclosures

OnSite Environmental, Inc.
14648 NE 95th Street
Redmond, WA 98052

Report Number: P090648
Report Date: September 28, 2009
Client Project ID: 809 / Double H Site A

Analytical Report

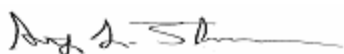
Client Sample ID: 809A300

Matrix: water

PAL Sample ID: P090648-01

Sample Date: 9/8/09

Extraction Date	Analysis Date	Analyte	Amount Detected	Method Reporting Limit	Notes
Method: EPA 547 (HPLC-FLD)					
9/23/09	9/24/09	AMPA	1.9E5 ug/L	20000 ug/L	
9/23/09	9/24/09	Glyphosate	7500 ug/L	1000 ug/L	
Method: EPA 549.1 (HPLC-UV)					
9/28/09	9/25/09	Diquat	160 ug/L	20 ug/L	
Method: Modified EPA 8141B (GC-FPD)					
9/14/09	9/23/09	Dimethoate	15 ug/L	3.0 ug/L	
Method: Modified EPA 8270D (GC-MS SIM)					
9/14/09	9/18/09	Pendimethalin	79 ug/L	6.0 ug/L	
Surrogate Recovery: %					S1
Surrogate Recovery Range: 17-146					
(DCBP used as Surrogate)					
Method: Modified EPA 8321B (HPLC-MS)					
9/15/09	9/24/09	Abamectin	370 ug/L	12 ug/L	
9/14/09	9/23/09	Carbaryl	0.12 ug/L	0.045 ug/L	



Steve Thun, Laboratory Director

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Analytical Report

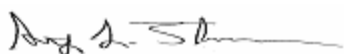
Client Sample ID: 809A301

Matrix: water

PAL Sample ID: P090648-02

Sample Date: 9/8/09

Extraction Date	Analysis Date	Analyte	Amount Detected	Method Reporting Limit	Notes
Method: EPA 547 (HPLC-FLD)					
9/23/09	9/24/09	AMPA	2.2E5 ug/L	20000 ug/L	
9/23/09	9/24/09	Glyphosate	7600 ug/L	1000 ug/L	
Method: EPA 549.1 (HPLC-UV)					
9/28/09	9/25/09	Diquat	180 ug/L	20 ug/L	
Method: Modified EPA 8141B (GC-FPD)					
9/14/09	9/23/09	Dimethoate	15 ug/L	3.0 ug/L	
Method: Modified EPA 8270D (GC-MS SIM)					
9/14/09	9/18/09	Pendimethalin	67 ug/L	6.0 ug/L	
Surrogate Recovery: %					S1
Surrogate Recovery Range: 17-146					
(DCBP used as Surrogate)					
Method: Modified EPA 8321B (HPLC-MS)					
9/15/09	9/24/09	Abamectin	440 ug/L	24 ug/L	
9/14/09	9/23/09	Carbaryl	Not Detected	0.045 ug/L	



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Quality Assurance

Method Blank Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/14/09	9/23/09	9091402-BLK1	Carbaryl	Not Detected	< 0.045 ug/L	
9/14/09	9/17/09	9091402-BLK1	Dimethoate	Not Detected	< 0.30 ug/L	
9/14/09	9/18/09	9091402-BLK1	Pendimethalin	Not Detected	< 0.060 ug/L	

Method Blank Data **Matrix:** water

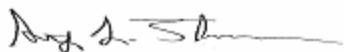
Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/15/09	9/24/09	9091503-BLK1	Abamectin	Not Detected	< 0.12 ug/L	

Method Blank Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/23/09	9/24/09	9092305-BLK1	AMPA	Not Detected	< 10 ug/L	
9/23/09	9/24/09	9092305-BLK1	Glyphosate	Not Detected	< 10 ug/L	

Method Blank Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/28/09	9/25/09	9092801-BLK1	Diquat	Not Detected	< 20 ug/L	



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Blank Spike Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/14/09	9/23/09	9091402-BS1	Carbaryl	78	46-126	
9/14/09	9/23/09	9091402-BSD1	Carbaryl	74	46-126	
9/14/09	9/17/09	9091402-BS1	Dimethoate	106	40-120	
9/14/09	9/17/09	9091402-BSD1	Dimethoate	101	40-120	
9/14/09	9/18/09	9091402-BS1	Pendimethalin	92	40-120	
9/14/09	9/18/09	9091402-BSD1	Pendimethalin	97	40-120	

Blank Spike Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/15/09	9/24/09	9091503-BS1	Abamectin	99	40-120	
9/15/09	9/24/09	9091503-BSD1	Abamectin	120	40-120	

Blank Spike Data **Matrix:** water

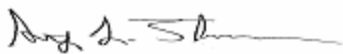
Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/23/09	9/24/09	9092305-BS1	AMPA	109	40-120	
9/23/09	9/24/09	9092305-BS1	Glyphosate	109	87-112	

Blank Spike Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/28/09	9/25/09	9092801-BS1	Diquat	85	40-120	
9/28/09	9/25/09	9092801-BSD1	Diquat	77	40-120	

Matrix Spike Data **Matrix:** water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
9/23/09	9/24/09	9092305-MS1	AMPA	114	40-120	
9/23/09	9/24/09	9092305-MS1	Glyphosate	119	66-127	



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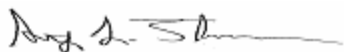
Analyte Information

Method: EPA 547 (HPLC-FLD)

AMPA is the primary metabolite of Glyphosate. Glyphosate is quantitated as the free acid.

Project Notes

Notes	Definition
S1	Surrogate recovery outside of control limits due to dilution required for quantitation.



Steve Thun, Laboratory Director



Chain of Custody

096648

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**MA OnSite
Environmental Inc.**

Phone: (425) 883-3881 • Fax: (425) 885-4003

Chain of Custody

090648

Page 1 of 1

Turnaround Request (in working days)				Laboratory Number: 09-251 09-250									
(Check One)				Requested Analysis									
<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day													
<input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day													
<input checked="" type="checkbox"/> Standard (7 working days) (TPH analysis 5 working days)													
<input type="checkbox"/> (other)													
Company:	Riverside Associates	Lab ID:	090648-01	Sample Identification:	809 A300	Date Sampled:	9/8/09	Time Sampled:	1235 W	# of Cont.	2	NWTPH-HCID	
Project Number:	809	Project Name:	Double H site 4				9/8/09	1300 W				NWTPH-Gx/BTEX	
Project Manager:	Ron Hicks											NWTPH-Dx	
Sampled by:	CE51											Volatiles by 8260B	
												Halogenated Volatiles by 8260B	
												Semivolatiles by 8270D	
												PAHs by 8270D / SIM	
												PCBs by 8082	
												Pesticides by 8081A	
												Herbicides by 8151A	
												Total RCRA Metals (8)	
												TCLP Metals	
												HEM by 1664	
												Dimethoate	X
												Carbaryl	X
												Glyphosate	X
												Pendimethalin	X
												Azinphos methyl	X
												Diquat	X
												% Moisture	
Relinquished by		Signature		Company	CE51	Date	9/9/09	Time	1200	Comments/Special Instructions	Please e-mail copy of results to: ce51@pocketnet.com		
Received by					PAH	Date	9/10/09	Time	1020	Invoice to OnSite Env.			
Relinquished by													
Received by													
Relinquished by													
Received by													
Reviewed by/Date										Chromatograms with final report <input type="checkbox"/>			