



Alpha

Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267

Service Center: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

ELAP Certificate Numbers 1551 and 2728

28 December 2010

Yolo County Natural Resources Division

Attn: Tami Leathers

625 Court Street Room B03

Woodland, CA 95695

RE: Surface Water

Work Order: 10L0567

Enclosed are the results of analyses for samples received by the laboratory on 12/10/10 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jeanette L. Poplin For David S. Pingatore
Project Manager



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Brooks (B Site)	10L0567-01	Water	12/10/10 00:00	12/10/10 15:10
Capay Bridge	10L0567-02	Water	12/10/10 08:16	12/10/10 15:10
Upstream Gordon	10L0567-03	Water	12/10/10 09:10	12/10/10 15:10
Stevens Bridge	10L0567-04	Water	12/10/10 10:05	12/10/10 15:10
Gordon Slough	10L0567-05	Water	12/10/10 09:45	12/10/10 15:10
I-5 Bridge	10L0567-06	Water	12/10/10 11:05	12/10/10 15:10
Robbins (R Site)	10L0567-07	Water	12/10/10 10:20	12/10/10 15:10

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
Laboratory Director

12/28/2010



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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Metals by EPA 200 Series Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10										
Boron	ND	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 11:18	EPA 200.7	U
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10										
Boron	2.5	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 12:48	EPA 200.7	
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10										
Boron	2.6	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 12:59	EPA 200.7	
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10										
Boron	2.6	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 13:09	EPA 200.7	
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10										
Boron	1.4	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 13:20	EPA 200.7	
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10										
Boron	2.7	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 13:26	EPA 200.7	
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
Boron	2.6	0.020	0.050	mg/l	1	AL01310	12/13/10 10:04	12/17/10 13:36	EPA 200.7	

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10											
Ammonia as N	0.070	0.060	0.20	mg/l	1	AL02215	12/22/10 11:23	12/23/10 09:46	SM4500NH3 C		J
Color	ND	3.0	5.0	Color Units	"	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B		U
Odor	2.4		1.0	T.O.N.	"	"	"	12/13/10 11:38	EPA 140.1		T-3
Total Dissolved Solids	ND	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C		U
Total Kjeldahl Nitrogen	0.10	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B		J
Total Suspended Solids	ND	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D		U
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10											
Ammonia as N	ND	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 09:46	SM4500NH3C		U
Color	22	6.0	10	Color Units	2	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B		
Odor	3.2		1.0	T.O.N.	1	"	"	12/13/10 11:38	EPA 140.1		OD-1
Total Dissolved Solids	430	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C		
Total Kjeldahl Nitrogen	0.35	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B		J
Total Suspended Solids	1.7	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D		
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10											
Ammonia as N	0.070	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 09:46	SM4500NH3 C		J
Color	22	6.0	10	Color Units	2	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B		
Odor	7.1		1.0	T.O.N.	1	"	"	12/13/10 11:38	EPA 140.1		OD-1
Total Dissolved Solids	440	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C		
Total Kjeldahl Nitrogen	0.49	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B		J
Total Suspended Solids	3.6	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D		
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10											

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

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Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10										
Ammonia as N	0.070	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 09:46	SM4500NH3 C	J
Color	14	6.0	10	Color Units	2	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B	
Odor	3.2		1.0	T.O.N.	1	"	"	12/13/10 11:38	EPA 140.1	OD-1
Total Dissolved Solids	440	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C	
Total Kjeldahl Nitrogen	0.46	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B	J
Total Suspended Solids	ND	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D	U
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 17:00	SM4500NH3 C	J
Color	11	3.0	5.0	Color Units	"	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B	
Odor	2.6		1.0	T.O.N.	"	"	"	12/13/10 11:38	EPA 140.1	OD-1
Total Dissolved Solids	340	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C	
Total Kjeldahl Nitrogen	0.46	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B	J
Total Suspended Solids	24	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D	
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 17:00	SM4500NH3 C	J
Color	20	6.0	10	Color Units	2	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B	
Odor	2.6		1.0	T.O.N.	1	"	"	12/13/10 11:38	EPA 140.1	OD-2
Total Dissolved Solids	450	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C	
Total Kjeldahl Nitrogen	0.52	0.10	1.0	"	"	AL02103	12/23/10 07:10	12/27/10 14:47	SM4500-No B	J
Total Suspended Solids	9.5	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D	
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										

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625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

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Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
Ammonia as N	0.070	0.060	0.20	mg/l	1	AL02215	12/23/10 08:00	12/23/10 17:00	SM4500NH3 C	J
Color	22	6.0	10	Color Units	2	AL00837	12/11/10 07:50	12/11/10 08:19	SM2120B	
Odor	3.2		1.0	T.O.N.	1	"	"	12/13/10 11:38	EPA 140.1	OD-2
Total Dissolved Solids	410	4.2	10	mg/l	"	AL01710	12/17/10 09:15	12/21/10 15:21	SM2540C	
Total Kjeldahl Nitrogen	0.42	0.10	1.0	"	"	AL02103	12/27/10 07:10	12/27/10 14:47	SM4500-No B	J
Total Suspended Solids	3.5	0.30	1.0	"	"	AL01611	12/16/10 09:58	12/22/10 17:00	SM2540D	

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10											
Nitrate as N	0.12	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/10/10 22:39	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10											
Nitrate as N	0.45	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 00:26	EPA 300.0		
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10											
Nitrate as N	1.2	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 00:56	EPA 300.0		
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10											
Nitrate as N	1.2	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 01:27	EPA 300.0		
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10											
Nitrate as N	0.12	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 01:57	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	0.22	0.030	0.10	"	"	"	"	"	"		
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10											
Nitrate as N	1.3	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 02:28	EPA 300.0		
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U

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Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
Nitrate as N	1.2	0.030	0.20	mg/l	1	AL01026	12/10/10 15:56	12/11/10 03:29	EPA 300.0	
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"	U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"	U

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Project: Surface Water
Project Number: Surface Water

Reported:
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Microbiological Parameters by APHA Standard Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10										
Total Coliforms	ND		2.0	MPN/100 ml	1	AL01305	12/10/10 16:15	12/12/10 15:30	SM9221	T-3, U
Fecal Coliforms	ND		2.0	"	"	"	"	"	"	T-3, U
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/14/10 14:00	SM9221	T-1
Fecal Coliforms	26.0		2.0	"	"	"	"	"	"	T-1
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/13/10 14:00	SM9221	
Fecal Coliforms	50.0		2.0	"	"	"	"	"	"	
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/13/10 14:00	SM9221	
Fecal Coliforms	30.0		2.0	"	"	"	"	"	"	
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10										
Total Coliforms	900.0		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/14/10 14:00	SM9221	
Fecal Coliforms	170.0		2.0	"	"	"	"	"	"	
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/14/10 14:00	SM9221	
Fecal Coliforms	90.0		2.0	"	"	"	"	"	"	
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
Total Coliforms	900.0		2.0	MPN/100 ml	1	AL01407	12/10/10 16:15	12/14/10 14:00	SM9221	
Fecal Coliforms	70.0		2.0	"	"	"	"	"	"	

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TPH by EPA/LUFT GC/GCMS Methods
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Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10											
TPH as Diesel	ND	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 15:24	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/14/10 23:17	8260GRO		U
Surrogate: Tetratetracontane		97.7 %	27-124			AL01521	12/16/10 13:40	12/21/10 15:24	8015DRO		
Surrogate: Toluene-d8		98.4 %	76-129			AL01529	12/14/10 08:00	12/14/10 23:17	8260GRO		
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10											
TPH as Diesel	ND	500	500	ug/l	10	AL01521	12/16/10 13:40	12/18/10 05:10	8015DRO		U
TPH as Gasoline	ND	50	50	"	1	AL01529	12/14/10 08:00	12/14/10 23:51	8260GRO		U
Surrogate: Tetratetracontane		93.4 %	27-124			AL01521	12/16/10 13:40	12/21/10 17:08	8015DRO		
Surrogate: Toluene-d8		98.8 %	76-129			AL01529	12/14/10 08:00	12/14/10 23:51	8260GRO		
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10											
TPH as Diesel	ND	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 17:43	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/15/10 00:25	8260GRO		U
Surrogate: Tetratetracontane		104 %	27-124			AL01521	12/16/10 13:40	12/21/10 17:43	8015DRO		
Surrogate: Toluene-d8		98.4 %	76-129			AL01529	12/14/10 08:00	12/15/10 00:25	8260GRO		
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10											
TPH as Diesel	ND	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 18:18	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/15/10 00:59	8260GRO		U
Surrogate: Tetratetracontane		109 %	27-124			AL01521	12/16/10 13:40	12/21/10 18:18	8015DRO		
Surrogate: Toluene-d8		98.8 %	76-129			AL01529	12/14/10 08:00	12/15/10 00:59	8260GRO		
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10											
TPH as Diesel	100	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 18:52	8015DRO		D-18
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/15/10 01:33	8260GRO		U
Surrogate: Tetratetracontane		100 %	27-124			AL01521	12/16/10 13:40	12/21/10 18:52	8015DRO		
Surrogate: Toluene-d8		98.0 %	76-129			AL01529	12/14/10 08:00	12/15/10 01:33	8260GRO		

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Bruce L. Gove
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12/28/2010



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

TPH by EPA/LUFT GC/GCMS Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10										
TPH as Diesel	97	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 19:27	8015DRO	D-18
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/15/10 02:07	8260GRO	U
Surrogate: Tetratetracontane		118 %	27-124			AL01521	12/16/10 13:40	12/21/10 19:27	8015DRO	
Surrogate: Toluene-d8		98.0 %	76-129			AL01529	12/14/10 08:00	12/15/10 02:07	8260GRO	
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
TPH as Diesel	ND	50	50	ug/l	1	AL01521	12/16/10 13:40	12/21/10 20:02	8015DRO	U
TPH as Gasoline	ND	50	50	"	"	AL01529	12/14/10 08:00	12/15/10 02:41	8260GRO	U
Surrogate: Tetratetracontane		99.2 %	27-124			AL01521	12/16/10 13:40	12/21/10 20:02	8015DRO	
Surrogate: Toluene-d8		98.4 %	76-129			AL01529	12/14/10 08:00	12/15/10 02:41	8260GRO	

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Glyphosate by EPA Method 547
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 19:49	EPA 547	U
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 20:21	EPA 547	U
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 20:54	EPA 547	U
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 21:27	EPA 547	U
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 22:33	EPA 547	U
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 23:06	EPA 547	U
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
Glyphosate	ND	3.0	10	ug/l	1	AL01405	12/14/10 09:42	12/14/10 23:38	EPA 547	U

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 12/28/10 13:21

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 04:44	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		94.2 %	62-124			"	"	"	"		
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 05:21	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		93.6 %	62-124			"	"	"	"		

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625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 05:58	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		91.7 %	62-124			"	"	"	"		
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 06:35	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		89.7 %	62-124			"	"	"	"		

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 07:12	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		87.8 %	62-124			"	"	"	"		
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10											
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 07:49	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"		U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"		U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"		U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"		U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"		U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"		U
MCPA	ND	100	300	"	"	"	"	"	"		U
MCPP	ND	90	300	"	"	"	"	"	"		U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"		U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"		U
Picloram	ND	0.80	1.0	"	"	"	"	"	"		U
Surrogate: DCAA		84.6 %	62-124			"	"	"	"		

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10										
2,4-D	ND	0.60	1.0	ug/l	1	AL01415	12/15/10 14:00	12/23/10 08:26	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		85.9 %	62-124			"	"	"	"	

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (10L0567-01) Water Sampled: 12/10/10 00:00 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/27/10 19:16	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		91.0 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		124 %	42-167			"	"	"	"		

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
Laboratory Director

12/28/2010



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Capay Bridge (10L0567-02) Water Sampled: 12/10/10 08:16 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/27/10 20:26	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		87.5 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		120 %	42-167			"	"	"	"		

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Upstream Gordon (10L0567-03) Water Sampled: 12/10/10 09:10 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/27/10 21:36	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		86.5 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		114 %	42-167			"	"	"	"		

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Laboratory Director

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 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Stevens Bridge (10L0567-04) Water Sampled: 12/10/10 10:05 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/27/10 22:45	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		88.0 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		118 %	42-167			"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Gordon Slough (10L0567-05) Water Sampled: 12/10/10 09:45 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/27/10 23:55	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		80.0 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		114 %	42-167			"	"	"	"		

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit	Units							
I-5 Bridge (10L0567-06) Water Sampled: 12/10/10 11:05 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/28/10 01:05	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		90.0 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		116 %	42-167			"	"	"	"		

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 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 12/28/10 13:21

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Robbins (R Site) (10L0567-07) Water Sampled: 12/10/10 10:20 Received: 12/10/10 15:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AL01520	12/15/10 13:35	12/28/10 02:15	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"		U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"		U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"		U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"		U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"		U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"		U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"		U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"		U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"		U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"		U
EPN	ND	0.30	1.0	"	"	"	"	"	"		U
Ethion	ND	0.30	0.50	"	"	"	"	"	"		U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"		U
Famphur	ND	0.30	0.50	"	"	"	"	"	"		U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"		U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"		U
Malathion	ND	0.30	0.50	"	"	"	"	"	"		U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"		U
Parathion	ND	0.30	0.50	"	"	"	"	"	"		U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"		U
Phorate	ND	0.20	0.50	"	"	"	"	"	"		U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"		U
Simazine	ND	0.30	0.50	"	"	"	"	"	"		U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"		U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"		U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"		U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"		U
Surrogate: Tributyl phosphate		85.5 %	32-159			"	"	"	"		
Surrogate: Triphenyl phosphate		115 %	42-167			"	"	"	"		

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
12/28/10 13:21

Notes and Definitions

- >1600 >1600
- D-18 The sample chromatographic pattern does not resemble the diesel standard used for calibration.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
- OD-1 Odor described as "fishy"
- OD-2 Odor described as "pond"
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- T-1 This sample was received outside recommended holding time.
- T-3 Client did not specify sampling time.
- U Analyte included in analysis, but not detected at or above MDL.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Alpha Analytical Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Bruce L. Gove
Laboratory Director

12/28/2010



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3860 Morrow Lane, Suite F
Chico, California 95928

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December 29, 2010

Lab ID: 0120564

SHERI L. SPEAKS
ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
RE: LL Hg 1631 10L0567

Dear SHERI L. SPEAKS ,

Enclosed are the analysis results for Work Order number 0120564. All analysis were performed under strict adherence to our established Quality Assurance Plan. Any abnormalities are listed in the qualifier section of this report.

If you have any questions regarding these results, please feel free to contact us at any time. We appreciate the opportunity to service your environmental testing needs.

Sincerely,

For

Ricky D. Jensen
Laboratory Director

California ELAP Certification Number 1677



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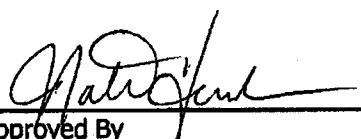
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Chico, California 95928 fax 530.894.5143

Report To: ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 10L0567

Lab No: 0120564
Reported: 12/29/10
Phone: (707) 468-0401
P.O. #

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
10L0567-01 BROOKS (B SITE) Water (0120564-01) Sampled:12/10/10 00:00 Received:12/14/10 10:59									
Mercury	ng/l	0.22	J	0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-02 CAPAY BRIDGE Water (0120564-02) Sampled:12/10/10 08:16 Received:12/14/10 10:59									
Mercury	ng/l	8.51		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-03 UPSTREAM GORDON Water (0120564-03) Sampled:12/10/10 09:10 Received:12/14/10 10:59									
Mercury	ng/l	7.22		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-04 STEVENS BRIDGE Water (0120564-04) Sampled:12/10/10 10:05 Received:12/14/10 10:59									
Mercury	ng/l	6.87		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-05 GORDON SLOUGH Water (0120564-05) Sampled:12/10/10 09:45 Received:12/14/10 10:59									
Mercury	ng/l	3.51		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-06 I-5 BRIDGE Water (0120564-06) Sampled:12/10/10 11:05 Received:12/14/10 10:59									
Mercury	ng/l	8.16		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368
10L0567-07 ROBBINS (R SITE) Water (0120564-07) Sampled:12/10/10 10:20 Received:12/14/10 10:59									
Mercury	ng/l	6.81		0.20	0.50	EPA 1631E	12/28/10	12/28/10	B0L1368


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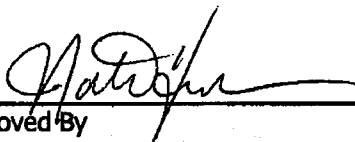
3860 Morrow Lane, Suite F voice 530.894.8966
Chico, California 95928 fax 530.894.5143

Report To: ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 163i 10L0567

Lab No: 0120564
Reported: 12/29/10
Phone: (707) 468-0401
P.O. #

Metals - Dissolved

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
10L0567-01 BROOKS (B SITE) Water (0120564-01) Sampled:12/10/10 00:00 Received:12/14/10 10:59									
Mercury	ng/l	ND		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-02 CAPAY BRIDGE Water (0120564-02) Sampled:12/10/10 08:16 Received:12/14/10 10:59									
Mercury	ng/l	5.33		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-03 UPSTREAM GORDON Water (0120564-03) Sampled:12/10/10 09:10 Received:12/14/10 10:59									
Mercury	ng/l	4.36		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-04 STEVENS BRIDGE Water (0120564-04) Sampled:12/10/10 10:05 Received:12/14/10 10:59									
Mercury	ng/l	4.31		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-05 GORDON SLOUGH Water (0120564-05) Sampled:12/10/10 09:45 Received:12/14/10 10:59									
Mercury	ng/l	0.93		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-06 I-5 BRIDGE Water (0120564-06) Sampled:12/10/10 11:05 Received:12/14/10 10:59									
Mercury	ng/l	4.27		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208
10L0567-07 ROBBINS (R SITE) Water (0120564-07) Sampled:12/10/10 10:20 Received:12/14/10 10:59									
Mercury	ng/l	4.14		0.20	0.50	EPA 1631E	12/22/10	12/20/10	B0L1208


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Report To: ALPHA ANALYTICAL LABS - UKIAH
 208 MASON STREET
 UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 10L0567


Lab No: 0120564
Reported: 12/29/10
Phone: (707) 468-0401
P.O. #

Quality Control Data

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Metals - Total										
Batch B0L1368 - BrCl Digestion										
Blank										
Mercury	ND	0.50	ng/l							
Blank										
Mercury	ND	0.50	ng/l							
LCS										
Mercury	21.8	0.50	ng/l	20.0		109	84.1-120			
LCS										
Mercury	20.4	0.50	ng/l	20.0		102	84.1-120			
Matrix Spike	Source: 0120564-02									
Mercury	25.9	0.50	ng/l	20.0	8.51	87.0	74.3-125			
Matrix Spike	Source: 0120457-01									
Mercury	20.5	0.50	ng/l	20.0	1.23	96.1	74.3-125			
Matrix Spike	Source: 0120398-02									
Mercury	20.3	0.50	ng/l	20.0	ND	101	74.3-125			
Matrix Spike	Source: 0120613-02									
Mercury	20.8	0.50	ng/l	20.0	0.895	99.7	74.3-125			
Matrix Spike Dup	Source: 0120564-02									
Mercury	26.1	0.50	ng/l	20.0	8.51	87.8	74.3-125	0.627	24	
Matrix Spike Dup	Source: 0120457-01									
Mercury	20.4	0.50	ng/l	20.0	1.23	95.8	74.3-125	0.284	24	
Matrix Spike Dup	Source: 0120398-02									
Mercury	19.9	0.50	ng/l	20.0	ND	99.3	74.3-125	1.95	24	
Matrix Spike Dup	Source: 0120613-02									
Mercury	20.2	0.50	ng/l	20.0	0.895	96.6	74.3-125	3.08	24	

Metals - Dissolved

Batch B0L1208 - BrCl Digestion										
Blank										
Mercury	ND	0.50	ng/l							
Blank										
Mercury	ND	0.50	ng/l							
LCS										
Mercury	19.5		ng/l	20.0		97.3	84.1-120			
LCS										
Mercury	19.0		ng/l	20.0		94.9	84.1-120			
Matrix Spike	Source: 0120564-02									
Mercury	23.4	0.50	ng/l	20.0	5.33	90.1	74.3-125			
Matrix Spike	Source: 0120269-09									


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Report To: ALPHA ANALYTICAL LABS - UKIAH
 208 MASON STREET
 UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 10L0567

Lab No: 0120564
Reported: 12/29/10
Phone: (707) 468-0401
P.O. #

Quality Control Data

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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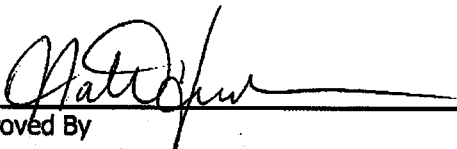
Metals - Dissolved

Batch B0L1208 - BrCl Digestion

Mercury	23.3	0.50	ng/l	20.0	4.94	91.7	74.3-125			
Matrix Spike	Source: 0120269-24									
Mercury	21.0	0.50	ng/l	20.0	3.16	89.3	74.3-125			
Matrix Spike Dup	Source: 0120564-02									
Mercury	23.9	0.50	ng/l	20.0	5.33	93.0	74.3-125	2.41	24	
Matrix Spike Dup	Source: 0120269-09									
Mercury	22.8	0.50	ng/l	20.0	4.94	89.1	74.3-125	2.19	24	
Matrix Spike Dup	Source: 0120269-24									
Mercury	22.0	0.50	ng/l	20.0	3.16	94.1	74.3-125	4.46	24	

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTL Concentration Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure


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ELAP Certificate Numbers 1551 and 2728

30 March 2011

Yolo County Natural Resources Division

Attn: Tami Leathers

625 Court Street Room B03

Woodland, CA 95695

RE: Surface Water

Work Order: 11C0790

Enclosed are the results of analyses for samples received by the laboratory on 03/16/11 21:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For David S. Pingatore
Project Manager



Alpha Analytical Laboratories Inc.

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Brooks (B Site)	11C0790-01	Water	03/16/11 08:05	03/16/11 21:10
Capay Bridge	11C0790-02	Water	03/16/11 08:32	03/16/11 21:10
Upstream Gordon	11C0790-03	Water	03/16/11 09:25	03/16/11 21:10
Stevens Bridge	11C0790-04	Water	03/16/11 10:40	03/16/11 21:10
Gordon Slough	11C0790-05	Water	03/16/11 09:55	03/16/11 21:10
I-5 Bridge	11C0790-06	Water	03/16/11 11:22	03/16/11 21:10
Robbins (R Site)	11C0790-07	Water	03/16/11 11:32	03/16/11 21:10

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
Laboratory Director

3/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Metals by EPA 200 Series Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10											
Boron	0.015	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 14:38	EPA 200.7		J
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10											
Boron	1.1	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 14:42	EPA 200.7		
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
Boron	1.2	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 14:46	EPA 200.7		
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
Boron	1.1	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 14:49	EPA 200.7		
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
Boron	1.1	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 14:53	EPA 200.7		
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10											
Boron	1.1	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 15:07	EPA 200.7		
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10											
Boron	1.1	0.010	0.050	mg/l	1	AC11816	03/18/11 10:46	03/21/11 15:11	EPA 200.7		

Alpha Analytical Laboratories, Inc.

Bruce L. Gove
Laboratory Director

3/30/2011

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10										
Ammonia as N	ND	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3C	U
Color	3.0	3.0	5.0	Color Units	"	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	J
Odor	ND		1.0	T.O.N.	"	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	U
Total Dissolved Solids	6.0	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	J
Total Kjeldahl Nitrogen	0.10	0.10	1.0	"	"	AC11802	03/18/11 06:11	03/21/11 08:31	SM4500-No B	J
Total Suspended Solids	0.80	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	J
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	J
Color	75	15	25	Color Units	5	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	4.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	180	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.5	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/21/11 08:31	SM4500-No B	
Total Suspended Solids	540	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	J
Color	20	6.0	10	Color Units	2	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	2.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	200	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.4	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/21/11 08:31	SM4500-No B	
Total Suspended Solids	430	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10										

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
 Laboratory Director

3/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	J
Color	20	6.0	10	Color Units	2	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	2.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	210	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.5	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/21/11 08:31	SM4500-No B	
Total Suspended Solids	550	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10										
Ammonia as N	0.10	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	J
Color	25	15	25	Color Units	5	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	4.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	320	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.2	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/22/11 08:31	SM4500-No B	
Total Suspended Solids	32	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10										
Ammonia as N	0.39	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	
Color	50	15	25	Color Units	5	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	4.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	180	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.7	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/22/11 08:31	SM4500-No B	
Total Suspended Solids	760	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										
Ammonia as N	0.18	0.060	0.20	mg/l	1	AC11815	03/18/11 10:44	03/18/11 16:00	SM4500NH3 C	J
Color	30	6.0	10	Color Units	2	AC11727	03/16/11 18:00	03/16/11 18:00	SM2120B	
Odor	2.0		1.0	T.O.N.	1	"	03/16/11 18:30	03/16/11 18:30	EPA 140.1	
Total Dissolved Solids	180	4.2	10	mg/l	"	AC12134	03/21/11 07:11	03/23/11 08:22	SM2540C	
Total Kjeldahl Nitrogen	1.9	0.10	1.0	"	"	AC11802	03/21/11 06:11	03/22/11 08:31	SM4500-No B	
Total Suspended Solids	580	0.30	1.0	"	"	AC12232	03/22/11 10:12	03/24/11 10:48	SM2540D	

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10											
Nitrate as N	0.11	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 20:17	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10											
Nitrate as N	0.18	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 20:33	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
Nitrate as N	0.17	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 20:48	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
Nitrate as N	0.18	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 21:03	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
Nitrate as N	0.21	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 21:18	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	0.32	0.030	0.10	"	"	"	"	"	"		U
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10											
Nitrate as N	0.18	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 22:04	EPA 300.0		J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"		U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"		U

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										
Nitrate as N	0.18	0.030	0.20	mg/l	1	AC11721	03/17/11 10:00	03/17/11 22:20	EPA 300.0	J
Nitrite as N	ND	0.020	0.20	"	"	"	"	"	"	U
Orthophosphate as P	ND	0.030	0.10	"	"	"	"	"	"	U

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Microbiological Parameters by APHA Standard Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10										
Total Coliforms	ND		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	U
Fecal Coliforms	ND		2.0	"	"	"	"	"	"	U
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	900.0		2.0	"	"	"	"	"	"	
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	>1600		2.0	"	"	"	"	"	"	
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	220.0		2.0	"	"	"	"	"	"	
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	130.0		2.0	"	"	"	"	"	"	
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	>1600		2.0	"	"	"	"	"	"	
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										
Total Coliforms	>1600		2.0	MPN/100 ml	1	AC11829	03/16/11 16:00	03/18/11 16:00	SM9221	
Fecal Coliforms	>1600		2.0	"	"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

TPH by EPA/LUFT GC/GCMS Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10											
TPH as Diesel	ND	50	50	ug/l	1	AC11819	03/18/11 11:11	03/22/11 01:07	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 01:06	8260GRO		U
Surrogate: Tetratetracontane		82.3 %	27-124			AC11819	03/18/11 11:11	03/22/11 01:07	8015DRO		
Surrogate: Toluene-d8		100 %	76-129			AC12246	03/22/11 08:00	03/23/11 01:06	8260GRO		
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10											
TPH as Diesel	ND	50	50	ug/l	1	AC11819	03/18/11 11:11	03/22/11 01:42	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 01:40	8260GRO		U
Surrogate: Tetratetracontane		77.4 %	27-124			AC11819	03/18/11 11:11	03/22/11 01:42	8015DRO		
Surrogate: Toluene-d8		99.8 %	76-129			AC12246	03/22/11 08:00	03/23/11 01:40	8260GRO		
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
TPH as Diesel	ND	50	50	ug/l	1	AC11819	03/18/11 11:11	03/22/11 02:16	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 02:14	8260GRO		U
Surrogate: Tetratetracontane		65.1 %	27-124			AC11819	03/18/11 11:11	03/22/11 02:16	8015DRO		
Surrogate: Toluene-d8		100 %	76-129			AC12246	03/22/11 08:00	03/23/11 02:14	8260GRO		
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
TPH as Diesel	ND	50	50	ug/l	1	AC11819	03/18/11 11:11	03/22/11 02:51	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 02:48	8260GRO		U
Surrogate: Tetratetracontane		76.6 %	27-124			AC11819	03/18/11 11:11	03/22/11 02:51	8015DRO		
Surrogate: Toluene-d8		101 %	76-129			AC12246	03/22/11 08:00	03/23/11 02:48	8260GRO		
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
TPH as Diesel	ND	50	50	ug/l	1	AC11819	03/18/11 11:11	03/22/11 03:26	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 03:22	8260GRO		U
Surrogate: Tetratetracontane		64.7 %	27-124			AC11819	03/18/11 11:11	03/22/11 03:26	8015DRO		
Surrogate: Toluene-d8		100 %	76-129			AC12246	03/22/11 08:00	03/23/11 03:22	8260GRO		

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

TPH by EPA/LUFT GC/GCMS Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10										
TPH as Diesel	ND	50	50	ug/l	1	AC12248	03/23/11 09:10	03/23/11 16:26	8015DRO	U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 03:55	8260GRO	U
<i>Surrogate: Tetraetracontane</i>		86.2 %	27-124			AC12248	03/23/11 09:10	03/23/11 16:26	8015DRO	
<i>Surrogate: Toluene-d8</i>		100 %	76-129			AC12246	03/22/11 08:00	03/23/11 03:55	8260GRO	
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										
TPH as Diesel	ND	50	50	ug/l	1	AC12248	03/23/11 09:10	03/23/11 17:01	8015DRO	U
TPH as Gasoline	ND	50	50	"	"	AC12246	03/22/11 08:00	03/23/11 04:29	8260GRO	U
<i>Surrogate: Tetraetracontane</i>		93.7 %	27-124			AC12248	03/23/11 09:10	03/23/11 17:01	8015DRO	
<i>Surrogate: Toluene-d8</i>		101 %	76-129			AC12246	03/22/11 08:00	03/23/11 04:29	8260GRO	

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Glyphosate by EPA Method 547
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 20:28	EPA 547	U	
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 21:01	EPA 547	U	
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 21:33	EPA 547	U	
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 22:06	EPA 547	U	
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 23:12	EPA 547	U	
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/22/11 23:45	EPA 547	U	
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10											
Glyphosate	ND	3.0	10	ug/l	1	AC12226	03/22/11 08:54	03/23/11 00:17	EPA 547	U	

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Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit	Units						
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10										
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 01:17	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		91.1 %	62-124			"	"	"	"	
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10										
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 01:54	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		94.4 %	62-124			"	"	"	"	

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Bruce L. Gove
Laboratory Director

3/30/2011



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 02:31	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	"	U
Surrogate: DCAA		87.2 %	62-124			"	"	"	"	"	
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 03:08	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	"	U
Surrogate: DCAA		94.7 %	62-124			"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 03:45	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	"	U
Surrogate: DCAA		92.3 %	62-124			"	"	"	"	"	
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10											
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 04:22	EPA 8151A		U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	"	U
Surrogate: DCAA		92.6 %	62-124			"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units						
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10										
2,4-D	ND	0.60	1.0	ug/l	1	AC12131	03/21/11 07:38	03/26/11 05:00	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		95.0 %	62-124			"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11C0790-01) Water Sampled: 03/16/11 08:05 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 01:38	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		67.3 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		74.0 %	42-167			"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Capay Bridge (11C0790-02) Water Sampled: 03/16/11 08:32 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 02:47	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		62.1 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		62.0 %	42-167			"	"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Upstream Gordon (11C0790-03) Water Sampled: 03/16/11 09:25 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 03:57	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		63.3 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		67.0 %	42-167			"	"	"	"	"	

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 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Stevens Bridge (11C0790-04) Water Sampled: 03/16/11 10:40 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 05:07	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		63.3 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		62.4 %	42-167			"	"	"	"	"	

Alpha Analytical Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Bruce L. Gove
 Laboratory Director

3/30/2011



Alpha Analytical Laboratories Inc.

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 Service Center: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Gordon Slough (11C0790-05) Water Sampled: 03/16/11 09:55 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 06:17	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		67.7 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		68.2 %	42-167			"	"	"	"	"	

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
 Laboratory Director

3/30/2011



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
I-5 Bridge (11C0790-06) Water Sampled: 03/16/11 11:22 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 07:27	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		61.5 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		78.7 %	42-167			"	"	"	"	"	

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
 Laboratory Director

3/30/2011



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Tami Leathers
 Project: Surface Water
 Project Number: Surface Water

Reported:
 03/30/11 14:42

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Robbins (R Site) (11C0790-07) Water Sampled: 03/16/11 11:32 Received: 03/16/11 21:10											
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AC11729	03/17/11 14:57	03/24/11 08:37	EPA 8141A		U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		63.1 %	32-159			"	"	"	"	"	
Surrogate: Triphenyl phosphate		74.3 %	42-167			"	"	"	"	"	

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
 Laboratory Director

3/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Tami Leathers
Project: Surface Water
Project Number: Surface Water

Reported:
03/30/11 14:42

Notes and Definitions

>1600	>1600
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
QM-08	The RPD was outside acceptance limits for MS/MSD, possibly due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
U	Analyte included in analysis, but not detected at or above MDL.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
Laboratory Director

3/30/2011



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Redding, California 96001

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3880 Morrow Lane, Suite F
Chico, California 95928

voice 530.894.8966
fax 530.894.5143

April 01, 2011

Lab ID: 1030842

SHERI L. SPEAKS
ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
RE: LL Hg 1631 11C0790


Dear SHERI L. SPEAKS ,

Enclosed are the analysis results for Work Order number 1030842. All analysis were performed under strict adherence to our established Quality Assurance Plan. Any abnormalities are listed in the qualifier section of this report.

If you have any questions regarding these results, please feel free to contact us at any time. We appreciate the opportunity to service your environmental testing needs.

Sincerely,


For



Ricky D. Jensen
Laboratory Director

California ELAP Certification Number 1677



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Redding, California 96001 fax 530.243.7494

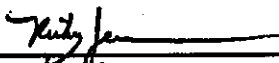
3860 Morrow Lane, Suite F voice 530.894.8966
Chico, California 95928 fax 530.894.5143

Report To: ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 11C0790

Lab No: 1030842
Reported: 04/01/11
Phone: (707) 468-0401
P.O. #

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
11C0790-01 BROOKS (B SITE) Water (1030842-01) Sampled:03/16/11 08:05 Received:03/22/11 10:08									
Mercury	ng/l	0.55		0.20	0.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-02 CAPAY BRIDGE Water (1030842-02) Sampled:03/16/11 08:32 Received:03/22/11 10:08									
Mercury	ng/l	153	R-08	1.00	2.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-03 UPSTREAM GORDON Water (1030842-03) Sampled:03/16/11 09:25 Received:03/22/11 10:08									
Mercury	ng/l	129	R-08	1.00	2.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-04 STEVENS BRIDGE Water (1030842-04) Sampled:03/16/11 10:40 Received:03/22/11 10:08									
Mercury	ng/l	299	R-08	1.00	2.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-05 GORDON SLOUGH Water (1030842-05) Sampled:03/16/11 09:55 Received:03/22/11 10:08									
Mercury	ng/l	6.68		0.20	0.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-06 I-5 BRIDGE Water (1030842-06) Sampled:03/16/11 11:22 Received:03/22/11 10:08									
Mercury	ng/l	269	R-08	1.00	2.50	EPA 1631E	03/28/11	03/28/11	B1C0842
11C0790-07 ROBBINS (R SITE) Water (1030842-07) Sampled:03/16/11 11:32 Received:03/22/11 10:08									
Mercury	ng/l	361	R-08	1.00	2.50	EPA 1631E	03/28/11	03/28/11	B1C0842


Approved By
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California ELAP Cert #1677 and #2718



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Report To: ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 11C0790

Lab No: 1030842
Reported: 04/01/11
Phone: (707) 468-0401
P.O. #

Metals - Dissolved

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
11C0790-01 BROOKS (B SITE) Water (1030842-01)			Sampled:03/16/11 08:05			Received:03/22/11 10:08			
Mercury	ng/l	0.25	J	0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-02 CAPAY BRIDGE Water (1030842-02)			Sampled:03/16/11 08:32			Received:03/22/11 10:08			
Mercury	ng/l	2.02		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-03 UPSTREAM GORDON Water (1030842-03)			Sampled:03/16/11 09:25			Received:03/22/11 10:08			
Mercury	ng/l	1.96		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-04 STEVENS BRIDGE Water (1030842-04)			Sampled:03/16/11 10:40			Received:03/22/11 10:08			
Mercury	ng/l	1.94		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-05 GORDON SLOUGH Water (1030842-05)			Sampled:03/16/11 09:55			Received:03/22/11 10:08			
Mercury	ng/l	2.80		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-06 I-5 BRIDGE Water (1030842-06)			Sampled:03/16/11 11:22			Received:03/22/11 10:08			
Mercury	ng/l	1.90		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020
11C0790-07 ROBBINS (R SITE) Water (1030842-07)			Sampled:03/16/11 11:32			Received:03/22/11 10:08			
Mercury	ng/l	1.92		0.20	0.50	EPA 1631E	03/31/11	03/31/11	B1D0020

Ruby

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Report To: ALPHA ANALYTICAL LABS - UKIAH
 208 MASON STREET
 UKIAH, CA 95482
Attention: SHERI L. SPEAKS
Project: LL Hg 1631 11C0790

Lab No: 1030842
Reported: 04/01/11
Phone: (707) 468-0401
P.O. #

Quality Control Data

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Metals - Total										
Batch B1C0842 - BrCl Digestion										
Blank										
Mercury	ND	0.50	ng/l							
Blank										
Mercury	ND	0.50	ng/l							
LCS										
Mercury	18.8	0.50	ng/l	20.0		93.8	84.1-120			
LCS										
Mercury	19.2	0.50	ng/l	20.0		95.9	84.1-120			
Matrix Spike Source: 1030736-15										
Mercury	21.5	0.50	ng/l	20.0	4.81	83.6	74.3-125			
Matrix Spike Source: 1030736-23										
Mercury	23.0	0.50	ng/l	20.0	5.72	86.4	74.3-125			
Matrix Spike Source: 1030770-01										
Mercury	18.8	0.50	ng/l	20.0	0.895	89.5	74.3-125			
Matrix Spike Source: 1030842-05										
Mercury	24.0	0.50	ng/l	20.0	6.68	86.5	74.3-125			
Matrix Spike Dup Source: 1030736-15										
Mercury	22.2	0.50	ng/l	20.0	4.81	87.1	74.3-125	3.16	24	
Matrix Spike Dup Source: 1030736-23										
Mercury	24.8	0.50	ng/l	20.0	5.72	95.6	74.3-125	7.72	24	
Matrix Spike Dup Source: 1030770-01										
Mercury	19.0	0.50	ng/l	20.0	0.895	90.8	74.3-125	1.34	24	
Matrix Spike Dup Source: 1030842-05										
Mercury	23.5	0.50	ng/l	20.0	6.68	83.8	74.3-125	2.22	24	

Metals - Dissolved

Batch B1D0020 - BrCl Digestion										
Blank										
Mercury	ND	0.50	ng/l							
LCS										
Mercury	19.8	0.50	ng/l	20.0		99.0	84.1-120			
Matrix Spike Source: 1030842-02										
Mercury	21.4	0.50	ng/l	20.0	2.02	96.9	74.3-125			
Matrix Spike Dup Source: 1030842-02										
Mercury	21.7	0.50	ng/l	20.0	2.02	98.5	74.3-125	1.49	24	

Ruby Jan
 Approved By

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Report To: ALPHA ANALYTICAL LABS - UKIAH
208 MASON STREET
UKIAH, CA 95482

Attention: SHERI L. SPEAKS
Project: LL Hg 1631 11C0790

Lab No: 1030842
Reported: 04/01/11
Phone: (707) 468-0401
P.O. #

Notes and Definitions

- R-08 The sample was diluted due to sample matrix resulting in elevated reporting limits.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTL Concentration Total Threshold Limit Concentration
- STL Concentration Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure



Approved By

Basic Laboratory, Inc.
California ELAP Cert #1677 and #2718



alpha

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ELAP Certificate Numbers 1551 and 2728

30 August 2011

Yolo County Natural Resources Division

Attn: Vic Randall

625 Court Street Room B03

Woodland, CA 95695

RE: Surface Water

Work Order: 11H0539

Enclosed are the results of analyses for samples received by the laboratory on 08/10/11 16:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheri Speaks

Sheri L. Speaks For David S. Pingatore
Project Manager



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Brooks (B Site)	11H0539-01	Water	08/10/11 09:00	08/10/11 16:50
Capay Bridge	11H0539-02	Water	08/10/11 09:45	08/10/11 16:50
Upstream Gordon	11H0539-03	Water	08/10/11 11:15	08/10/11 16:50
Stevens Bridge	11H0539-04	Water	08/10/11 12:30	08/10/11 16:50
Gordon Slough	11H0539-05	Water	08/10/11 12:10	08/10/11 16:50
I-5 Bridge	11H0539-06	Water	08/10/11 13:40	08/10/11 16:50
Robbins (R Site)	11H0539-07	Water	08/10/11 12:55	08/10/11 16:50

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Bruce L. Gove
Laboratory Director

8/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Metals by EPA 200 Series Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Boron	ND	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 11:46	EPA 200.7	U
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Boron	1.3	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 11:50	EPA 200.7	
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Boron	2.3	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 11:55	EPA 200.7	
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Boron	1.5	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 12:02	EPA 200.7	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Boron	1.1	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 12:05	EPA 200.7	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Boron	1.6	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 12:09	EPA 200.7	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Boron	1.8	0.010	0.050		mg/l	1	AH11109	08/11/11 10:36	08/16/11 12:12	EPA 200.7	

Alpha Analytical Laboratories, Inc.

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Metals by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Mercury	0.200	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:06	EPA 1631E	J
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Mercury	1.76	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:14	EPA 1631E	
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Mercury	2.03	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:22	EPA 1631E	
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Mercury	4.36	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:29	EPA 1631E	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Mercury	7.06	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:37	EPA 1631E	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Mercury	4.29	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:45	EPA 1631E	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Mercury	4.61	0.200	0.500		ng/l	1	AH12621	08/24/11 15:00	08/26/11 19:52	EPA 1631E	

Alpha Analytical Laboratories, Inc.

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8/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Metals (Dissolved) by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Mercury, dissolved	0.432	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 15:58	EPA 1631	J
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Mercury, dissolved	1.20	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:06	EPA 1631	
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Mercury, dissolved	0.973	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:14	EPA 1631	
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Mercury, dissolved	1.55	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:21	EPA 1631	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Mercury, dissolved	2.62	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:29	EPA 1631	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Mercury, dissolved	1.43	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:37	EPA 1631	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Mercury, dissolved	1.40	0.200	0.500		ng/l	1	AH11921	08/16/11 18:00	08/19/11 16:44	EPA 1631	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Ammonia as N	ND	0.060	0.20		mg/l	1	AH11756	08/18/11 08:00	08/18/11 16:00	SM4500NH3C	U
Color	ND	3.0	5.0		Color Units	"	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	U
Odor	2.2		1.0		T.O.N.	"	"	08/11/11 08:10	08/11/11 08:10	EPA 140.1	
Total Dissolved Solids	ND	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	U
Total Kjeldahl Nitrogen	ND	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	U
Total Suspended Solids	ND	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	U
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Ammonia as N	0.070	0.060	0.20		mg/l	1	AH11756	08/18/11 08:00	08/18/11 16:00	SM4500NH3C	J
Color	11	3.0	5.0		Color Units	"	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	7.1		1.0		T.O.N.	"	"	08/11/11 08:10	08/11/11 08:10	EPA 140.1	
Total Dissolved Solids	280	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	
Total Kjeldahl Nitrogen	0.35	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	J
Total Suspended Solids	1.0	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Ammonia as N	ND	0.060	0.20		mg/l	1	AH11756	08/18/11 08:00	08/18/11 16:00	SM4500NH3C	U
Color	9.0	3.0	5.0		Color Units	"	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	3.2		1.0		T.O.N.	"	"	"	"	EPA 140.1	
Total Dissolved Solids	500	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	
Total Kjeldahl Nitrogen	0.28	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	J
Total Suspended Solids	0.90	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	J
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Ammonia as N	0.14	0.060	0.20		mg/l	1	AH11756	08/18/11 08:00	08/18/11 16:00	SM4500NH3C	J
Color	30	15	25		Color Units	5	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	10		1.0		T.O.N.	1	"	"	"	EPA 140.1	
Total Dissolved Solids	300	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
 Laboratory Director

8/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Conventional Chemistry Parameters by APHA/EPA Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Total Kjeldahl Nitrogen	0.60	0.10	1.0		mg/l	1	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	J
Total Suspended Solids	4.5	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Ammonia as N	0.18	0.060	0.20		mg/l	1	AH11756	08/19/11 08:00	08/19/11 16:00	SM4500NH3 C	J
Color	24	12	20		Color Units	4	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	40		1.0		T.O.N.	1	"	"	"	EPA 140.1	
Total Dissolved Solids	220	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	
Total Kjeldahl Nitrogen	0.60	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	J
Total Suspended Solids	48	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Ammonia as N	0.10	0.060	0.20		mg/l	1	AH11756	08/19/11 08:00	08/19/11 16:00	SM4500NH3 C	J
Color	18	6.0	10		Color Units	2	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	14		1.0		T.O.N.	1	"	"	"	EPA 140.1	
Total Dissolved Solids	350	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	
Total Kjeldahl Nitrogen	0.56	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/22/11 13:02	SM4500-No B	J
Total Suspended Solids	4.8	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Ammonia as N	0.10	0.060	0.20		mg/l	1	AH11756	08/19/11 08:00	08/19/11 16:00	SM4500NH3 C	J
Color	22	6.0	10		Color Units	2	AH10520	08/11/11 09:15	08/11/11 09:15	SM2120B	
Odor	24		1.0		T.O.N.	1	"	"	"	EPA 140.1	
Total Dissolved Solids	380	4.2	10		mg/l	"	AH11213	08/15/11 14:30	08/23/11 13:30	SM2540C	
Total Kjeldahl Nitrogen	0.56	0.10	1.0		"	"	AH11903	08/22/11 07:03	08/23/11 14:22	SM4500-No B	J
Total Suspended Solids	6.0	0.30	1.0		"	"	AH11539	08/15/11 11:15	08/18/11 12:09	SM2540D	

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Bruce L. Gove
Laboratory Director

8/30/2011



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Nitrate as N	0.13	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 18:25	EPA 300.0	J
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	ND	0.010	0.10		"	"	"	"	"	"	U
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Nitrate as N	0.52	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 18:55	EPA 300.0	
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	ND	0.010	0.10		"	"	"	"	"	"	U
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Nitrate as N	4.9	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 19:10	EPA 300.0	
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	ND	0.010	0.10		"	"	"	"	"	"	U
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Nitrate as N	1.4	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 19:25	EPA 300.0	
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	0.23	0.010	0.10		"	"	"	"	"	"	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Nitrate as N	0.38	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 19:40	EPA 300.0	
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	0.24	0.010	0.10		"	"	"	"	"	"	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Nitrate as N	2.0	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 20:25	EPA 300.0	
Nitrite as N	ND	0.010	0.20		"	"	"	"	"	"	U
Orthophosphate as P	ND	0.010	0.10		"	"	"	"	"	"	U

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 Laboratory Director

8/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Anions by EPA Method 300.0
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Nitrate as N	3.1	0.050	0.20		mg/l	1	AH11111	08/11/11 10:12	08/11/11 20:41	EPA 300.0	
Nitrite as N	0.033	0.010	0.20		"	"	"	"	"	"	J
Orthophosphate as P	0.21	0.010	0.10		"	"	"	"	"	"	

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Bruce L. Gove
Laboratory Director

8/30/2011



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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Microbiological Parameters by APHA Standard Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Total Coliforms	ND		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/12/11 17:00	SM9221	U
Fecal Coliforms	ND		2.0		"	"	"	"	"	"	U
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Total Coliforms	1600		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/13/11 15:30	SM9221	
Fecal Coliforms	64.0		2.0		"	"	"	"	"	"	
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Total Coliforms	500.0		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/14/11 13:15	SM9221	
Fecal Coliforms	17.0		2.0		"	"	"	"	"	"	
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Total Coliforms	>1600		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/12/11 14:00	SM9221	
Fecal Coliforms	1600		2.0		"	"	"	"	"	"	
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Total Coliforms	>1600		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/12/11 14:00	SM9221	
Fecal Coliforms	500.0		2.0		"	"	"	"	"	"	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Total Coliforms	1600		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/14/11 13:15	SM9221	
Fecal Coliforms	300.0		2.0		"	"	"	"	"	"	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Total Coliforms	>1600		2.0		MPN/100 ml	1	AH11536	08/10/11 17:00	08/12/11 14:00	SM9221	
Fecal Coliforms	900.0		2.0		"	"	"	"	"	"	

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

TPH by EPA/LUFT GC/GCMS Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit	Units							
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 20:59	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 16:46	8260GRO		U
Surrogate: Tetraetracontane		91.1 %	27-124			AH11222	08/15/11 12:46	08/15/11 20:59	8015DRO		
Surrogate: Toluene-d8		98.2 %	76-129			AH11205	08/11/11 08:00	08/11/11 16:46	8260GRO		
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 21:34	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 17:20	8260GRO		U
Surrogate: Tetraetracontane		90.5 %	27-124			AH11222	08/15/11 12:46	08/15/11 21:34	8015DRO		
Surrogate: Toluene-d8		97.5 %	76-129			AH11205	08/11/11 08:00	08/11/11 17:20	8260GRO		
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 22:09	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 17:54	8260GRO		U
Surrogate: Tetraetracontane		106 %	27-124			AH11222	08/15/11 12:46	08/15/11 22:09	8015DRO		
Surrogate: Toluene-d8		98.5 %	76-129			AH11205	08/11/11 08:00	08/11/11 17:54	8260GRO		
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 22:43	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 18:28	8260GRO		U
Surrogate: Tetraetracontane		90.9 %	27-124			AH11222	08/15/11 12:46	08/15/11 22:43	8015DRO		
Surrogate: Toluene-d8		98.0 %	76-129			AH11205	08/11/11 08:00	08/11/11 18:28	8260GRO		
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 23:18	8015DRO		U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 19:02	8260GRO		U
Surrogate: Tetraetracontane		90.2 %	27-124			AH11222	08/15/11 12:46	08/15/11 23:18	8015DRO		
Surrogate: Toluene-d8		97.8 %	76-129			AH11205	08/11/11 08:00	08/11/11 19:02	8260GRO		

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

TPH by EPA/LUFT GC/GCMS Methods
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit							
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50										
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/15/11 23:53	8015DRO	U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 19:35	8260GRO	U
<i>Surrogate: Tetratetracontane</i>		93.1 %	27-124			AH11222	08/15/11 12:46	08/15/11 23:53	8015DRO	
<i>Surrogate: Toluene-d8</i>		98.4 %	76-129			AH11205	08/11/11 08:00	08/11/11 19:35	8260GRO	
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50										
TPH as Diesel	ND	10	50	ug/l	1	AH11222	08/15/11 12:46	08/16/11 02:46	8015DRO	U
TPH as Gasoline	ND	50	50	"	"	AH11205	08/11/11 08:00	08/11/11 20:09	8260GRO	U
<i>Surrogate: Tetratetracontane</i>		81.8 %	27-124			AH11222	08/15/11 12:46	08/16/11 02:46	8015DRO	
<i>Surrogate: Toluene-d8</i>		99.6 %	76-129			AH11205	08/11/11 08:00	08/11/11 20:09	8260GRO	

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Woodland CA, 95695
Yolo County Natural Resources Division
625 Court Street Room B03

Project Manager: Vic Randall
Project: Surface Water
Project Number: Surface Water

Reported:
08/30/11 13:55

Glyphosate by EPA Method 547
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 03:39	EPA 547	U
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 04:12	EPA 547	U
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 04:45	EPA 547	U
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 05:51	EPA 547	U
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 06:24	EPA 547	U
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 06:56	EPA 547	U
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Glyphosate	ND	3.0	10		ug/l	1	AH11537	08/15/11 10:59	08/16/11 07:29	EPA 547	U

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit							
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 00:31	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		90.7 %	62-124			"	"	"	"	
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 01:08	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		102 %	62-124			"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit							
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 01:45	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		97.3 %	62-124			"	"	"	"	
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 02:22	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		106 %	62-124			"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit							
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 02:59	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		92.3 %	62-124			"	"	"	"	
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50										
2,4-D	ND	0.60	1.0	ug/l	1	AH11624	08/17/11 10:41	08/23/11 03:35	EPA 8151A	U
2,4-DB	ND	2.0	5.0	"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50	"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50	"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0	"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40	"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0	"	"	"	"	"	"	U
MCPA	ND	100	300	"	"	"	"	"	"	U
MCPP	ND	90	300	"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0	"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20	"	"	"	"	"	"	U
Picloram	ND	0.80	1.0	"	"	"	"	"	"	U
Surrogate: DCAA		98.9 %	62-124			"	"	"	"	

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Woodland CA, 95695 Yolo County Natural Resources Division 625 Court Street Room B03	Project Manager: Vic Randall Project: Surface Water Project Number: Surface Water	Reported: 08/30/11 13:55
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Chlorinated Herbicides by EPA Method 8151A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								

Robbins (R Site) (11H0539-07) Water **Sampled: 08/10/11 12:55** **Received: 08/10/11 16:50**

2,4-D	ND	0.60	1.0		ug/l	1	AH11624	08/17/11 10:41	08/23/11 04:12	EPA 8151A	U
2,4-DB	ND	2.0	5.0		"	"	"	"	"	"	U
2,4,5-T	ND	0.20	0.50		"	"	"	"	"	"	U
2,4,5-TP (Silvex)	ND	0.20	0.50		"	"	"	"	"	"	U
Dalapon	ND	0.60	6.0		"	"	"	"	"	"	U
Dicamba	ND	0.060	0.40		"	"	"	"	"	"	U
Dinoseb	ND	0.40	1.0		"	"	"	"	"	"	U
MCPA	ND	100	300		"	"	"	"	"	"	U
MCPP	ND	90	300		"	"	"	"	"	"	U
Dichlorprop	ND	0.50	1.0		"	"	"	"	"	"	U
Pentachlorophenol	ND	0.070	0.20		"	"	"	"	"	"	U
Picloram	ND	0.80	1.0		"	"	"	"	"	"	U
Surrogate: DCAA		93.1 %	62-124				"	"	"	"	

Alpha Analytical Laboratories, Inc.

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Bruce L. Gove
Laboratory Director

8/30/2011



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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Brooks (B Site) (11H0539-01) Water Sampled: 08/10/11 09:00 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 02:10	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		68.9 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		91.1 %	44-145				"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit								
Capay Bridge (11H0539-02) Water Sampled: 08/10/11 09:45 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 03:20	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		71.0 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		97.6 %	44-145				"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Upstream Gordon (11H0539-03) Water Sampled: 08/10/11 11:15 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 04:30	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		70.4 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		99.1 %	44-145				"	"	"	"	

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 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Stevens Bridge (11H0539-04) Water Sampled: 08/10/11 12:30 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 05:40	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		69.9 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		91.7 %	44-145				"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Gordon Slough (11H0539-05) Water Sampled: 08/10/11 12:10 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 06:50	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		68.4 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		86.5 %	44-145				"	"	"	"	

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Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		MDL	Limit							
I-5 Bridge (11H0539-06) Water Sampled: 08/10/11 13:40 Received: 08/10/11 16:50										
Azinphos ethyl	ND	0.20	2.0	ug/l	1	AH11203	08/12/11 07:10	08/18/11 07:59	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0	"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0	"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50	"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0	"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0	"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0	"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50	"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0	"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0	"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50	"	"	"	"	"	"	U
EPN	ND	0.30	1.0	"	"	"	"	"	"	U
Ethion	ND	0.30	0.50	"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0	"	"	"	"	"	"	U
Famphur	ND	0.30	0.50	"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0	"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50	"	"	"	"	"	"	U
Malathion	ND	0.30	0.50	"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0	"	"	"	"	"	"	U
Parathion	ND	0.30	0.50	"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50	"	"	"	"	"	"	U
Phorate	ND	0.20	0.50	"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50	"	"	"	"	"	"	U
Simazine	ND	0.30	0.50	"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50	"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0	"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0	"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0	"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		71.5 %	37-115			"	"	"	"	
Surrogate: Triphenyl phosphate		101 %	44-145			"	"	"	"	

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 Service Center: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

Woodland CA, 95695
 Yolo County Natural Resources Division
 625 Court Street Room B03

Project Manager: Vic Randall
 Project: Surface Water
 Project Number: Surface Water

Reported:
 08/30/11 13:55

Organophosphorus Compounds by EPA Method 8141A
Alpha Analytical Laboratories, Inc.

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			Limit								
Robbins (R Site) (11H0539-07) Water Sampled: 08/10/11 12:55 Received: 08/10/11 16:50											
Azinphos ethyl	ND	0.20	2.0		ug/l	1	AH11203	08/12/11 07:10	08/18/11 09:09	EPA 8141A	U
Azinphos methyl	ND	0.40	2.0		"	"	"	"	"	"	U
Bolstar	ND	0.20	1.0		"	"	"	"	"	"	U
Chlorpyrifos	ND	0.20	0.50		"	"	"	"	"	"	U
Coumaphos	ND	0.50	2.0		"	"	"	"	"	"	U
Demeton-o	ND	0.10	1.0		"	"	"	"	"	"	U
Demeton-s	ND	0.20	1.0		"	"	"	"	"	"	U
Diazinon	ND	0.30	0.50		"	"	"	"	"	"	U
Dichlorvos	ND	0.30	1.0		"	"	"	"	"	"	U
Dimethoate	ND	0.20	2.0		"	"	"	"	"	"	U
Disulfoton	ND	0.30	0.50		"	"	"	"	"	"	U
EPN	ND	0.30	1.0		"	"	"	"	"	"	U
Ethion	ND	0.30	0.50		"	"	"	"	"	"	U
Ethoprop (Ethoprophos)	ND	0.30	1.0		"	"	"	"	"	"	U
Famphur	ND	0.30	0.50		"	"	"	"	"	"	U
Fensulfothion	ND	0.40	2.0		"	"	"	"	"	"	U
Fenthion	ND	0.20	0.50		"	"	"	"	"	"	U
Malathion	ND	0.30	0.50		"	"	"	"	"	"	U
Mevinphos	ND	0.20	1.0		"	"	"	"	"	"	U
Parathion	ND	0.30	0.50		"	"	"	"	"	"	U
Parathion-methyl	ND	0.20	0.50		"	"	"	"	"	"	U
Phorate	ND	0.20	0.50		"	"	"	"	"	"	U
Ronnel	ND	0.20	0.50		"	"	"	"	"	"	U
Simazine	ND	0.30	0.50		"	"	"	"	"	"	U
Stirofos	ND	0.30	0.50		"	"	"	"	"	"	U
Thionazin	ND	0.20	1.0		"	"	"	"	"	"	U
Tokuthion (Prothiofos)	ND	0.20	1.0		"	"	"	"	"	"	U
Trichloronate	ND	0.30	1.0		"	"	"	"	"	"	U
Surrogate: Tributyl phosphate		68.2 %	37-115				"	"	"	"	
Surrogate: Triphenyl phosphate		95.2 %	44-145				"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Bruce L. Gove
 Laboratory Director

8/30/2011



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Notes and Definitions

>1600	>1600
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
U	Analyte included in analysis, but not detected at or above MDL.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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