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Recology
Environmental Solutions
WASTE ZERO

May 6, 2010

Ms. Mary Boyd
Water Resources Control Engineer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive #200
Rancho Cordova, CA 95670

Re: Monitoring Results of Jepson Prairie Organics Compost Process and Storm Water Pond and Sump

Dear Ms. Boyd,

Recology Environmental Solutions, on behalf of Jepson Prairie Organics, is submitting the requested monitoring results from Jepson Prairie Organics' (JPO) compost process and storm water pond and sump. Diversion of the process and storm water from the pond began on February 27, 2010. Process and storm water from the composting area is currently being removed from the sump and placed into baker tanks for storage prior to off-haul.

Attached are monitoring results sampled before the diversion process began on February 25, 2010. Also attached are the most recent monitoring results sampled after the beginning of the diversion process on April 19, 2010.

If you should have any questions or require further information please contact me at 707-693-2107.

Sincerely,

Jordan Norris
Compliance Specialist

Cc: Greg Pryor, Recology Hay Road/Jepson Prairie Organics

Attachments: Results of JPO Sump and Pond Analyses 2/25/2010
Results of JPO Sump and Pond Analyses 4/19/2010

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 03/05/2010

Feng Yu Wang

Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

RE: JPO Samples
BC Work Order: 1002707
Invoice ID: B076611

Enclosed are the results of analyses for samples received by the laboratory on 2/26/2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Linda Phoudamneun

Contact Person: Linda Phoudamneun
Client Service Rep

Authorized Signature

Norcal Waste Systems 235 N. First St. Dixon, CA 95620 Attn: Bryan Clarkson, Environmental Compliance Manager

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1002707-01	**COC Number:**	—	**Receive Date:**	02/26/2010 10:00
	Project Number:	—	**Sampling Date:**	02/25/2010 13:30
	Sampling Location:	—	**Sample Depth:**	—
	Sampling Point:	JPO pond 2/25/10	**Sample Matrix:**	Water
	Sampled By:	—		
1002707-02	**COC Number:**	—	**Receive Date:**	02/26/2010 10:00
	Project Number:	—	**Sampling Date:**	02/25/2010 13:30
	Sampling Location:	—	**Sample Depth:**	—
	Sampling Point:	JPO sump 2/25/10	**Sample Matrix:**	Water
	Sampled By:	—		

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 03/05/2010 15:27

EPA Method 1664

BCL Sample ID: 1002707-01 | **Client Sample Name:** JPO pond 2/25/10, 2/25/2010 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	8.8	mg/L	5.0	1.4	EPA-1664HEM	03/02/10	03/02/10 13:00	JAK	MAN-SV	1	BTC0255	ND	

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

Water Analysis (General Chemistry)

BCL Sample ID: 1002707-01 | **Client Sample Name:** JPO pond 2/25/10, 2/25/2010 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	ND	mg/L	2.2	0.60	EPA-300.0	02/27/10	02/27/10 14:27	JDC	IC2	5	BTB1882	ND	A10
pH	**6.65**	**pH Units**	**0.05**	**0.05**	**SM-4500HB**	**03/01/10**	**03/01/10 11:25**	**RML**	**MET-1**	**1**	**BTC0065**		**S05**
Electrical Conductivity @ 25 C	**3550**	**umhos/cm**	**1.00**	**1.00**	**EPA-120.1**	**03/01/10**	**03/01/10 11:25**	**RML**	**MET-1**	**1**	**BTC0065**		
Total Suspended Solids (Glass Fiber)	**350**	**mg/L**	**33**	**33**	**SM-2540D**	**03/01/10**	**03/01/10 03:30**	**MRM**	**MANUAL**	**66.667**	**BTC0001**	**ND**	
Ammonia as NH3	**130**	**mg/L**	**6.1**	**3.1**	**EPA-350.1**	**03/03/10**	**03/03/10 11:51**	**JSM**	**SC-1**	**100**	**BTC0272**	**ND**	**A01**
ortho-Phosphate	**84**	**mg/L**	**5.0**	**1.3**	**EPA-365.1**	**02/26/10**	**02/26/10 13:57**	**TDC**	**KONE-1**	**100**	**BTC0144**	**1.9**	**A01**
Biochemical Oxygen Demand - Seeded	**1300**	**mg O/L**	**200**	**200**	**SM17-5210B**	**02/26/10**	**02/26/10 15:30**	**HPR**	**YSI-57**	**203.33**	**BTC0318**		**A01**
Chemical Oxygen Demand	**4300**	**mg O/L**	**250**	**45**	**SM-5220D**	**03/02/10**	**03/02/10 13:00**	**HPR**	**SPEC05**	**10**	**BTC0171**	**ND**	**A01**
Dissolved Oxygen	**1.0**	**mg O/L**	**0.50**	**0.50**	**EPA-360.1**	**02/26/10**	**02/26/10 12:10**	**HPR**	**YSI-57**	**1**	**BTC0042**		**S05**

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 03/05/2010 15:27

Water Analysis (General Chemistry)

BCL Sample ID: 1002707-02 | **Client Sample Name:** JPO sump 2/25/10, 2/25/2010 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	ND	mg/L	8.8	2.4	EPA-300.0	02/27/10	02/27/10 14:41	JDC	IC2	20	BTB1882	ND	A10
pH	4.97	pH Units	0.05	0.05	SM-4500HB	03/01/10	03/01/10 11:28	RML	MET-1	1	BTC0065		S05
Electrical Conductivity @ 25 C	13000	umhos/cm	1.00	1.00	EPA-120.1	03/01/10	03/01/10 11:28	RML	MET-1	1	BTC0065		
Total Suspended Solids (Glass Fiber)	1900	mg/L	100	100	SM-2540D	03/01/10	03/01/10 03:30	MRM	MANUAL	200	BTC0001	ND	A01
Ammonia as NH3	1100	mg/L	30	16	EPA-350.1	03/03/10	03/03/10 11:53	JSM	SC-1	500	BTC0272	ND	A01
ortho-Phosphate	480	mg/L	25	6.5	EPA-365.1	02/26/10	02/26/10 14:09	TDC	KONE-1	500	BTC0144	9.4	A01
Biochemical Oxygen Demand - Seeded	22000	mg O/L	10000	10000	SM17-5210B	02/26/10	02/26/10 15:30	HPR	YSI-57	10167	BTC0318		A01
Chemical Oxygen Demand	47000	mg O/L	1200	220	SM-5220D	03/02/10	03/02/10 13:00	HPR	SPEC05	50	BTC0171	ND	A01
Dissolved Oxygen	ND	mg O/L	0.50	0.50	EPA-360.1	02/26/10	02/26/10 12:10	HPR	YSI-57	1	BTC0042		S05

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

EPA Method 1664

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Oil and Grease	BTC0255	Duplicate	1002620-02	6.5500	7.5000		mg/L	13.5		18		
		Matrix Spike	1002620-02	6.5500	35.400	37.400	mg/L		77.1		78 - 114	Q03
		Matrix Spike Duplicate	1002620-02	6.5500	37.150	37.400	mg/L	5.9	81.8	18	78 - 114	

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 03/05/2010 15:27

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Nitrate as NO3	BTB1882	Duplicate	1002715-03	137.13	136.10		mg/L	0.8		10		
		Matrix Spike	1002715-03	137.13	179.60	44.715	mg/L		95.0		80 - 120	
		Matrix Spike Duplicate	1002715-03	137.13	178.41	44.715	mg/L	2.8	92.3	10	80 - 120	
Total Suspended Solids (Glass Fiber)	BTC0001	Duplicate	1002706-01	1175.0	1137.5		mg/L	3.2		10		
Dissolved Oxygen	BTC0042	Duplicate	1002706-01	ND	ND		mg O/L			10		
pH	BTC0065	Duplicate	1002623-01	7.2600	7.2500		pH Units	0.1		20		
Electrical Conductivity @ 25 C	BTC0065	Duplicate	1002623-01	1086.0	1079.0		umhos/cm	0.6		10		
ortho-Phosphate	BTC0144	Duplicate	1002677-01	0.030196	0.032995		mg/L	8.9		10		J
		Matrix Spike	1002677-01	0.030196	0.64106	0.64547	mg/L		94.6		90 - 110	
		Matrix Spike Duplicate	1002677-01	0.030196	0.62477	0.64547	mg/L	2.7	92.1	10	90 - 110	
Chemical Oxygen Demand	BTC0171	Duplicate	1002686-01	20.833	20.833		mg O/L	0		20		J
		Matrix Spike	1002686-01	20.833	757.11	750.00	mg O/L		98.2		80 - 120	
		Matrix Spike Duplicate	1002686-01	20.833	752.29	750.00	mg O/L	0.7	97.5	20	80 - 120	
Ammonia as NH3	BTC0272	Duplicate	1002715-01	0.040128	0.043046		mg/L	7.0		10		J
		Matrix Spike	1002715-01	0.040128	1.3694	1.3511	mg/L		98.4		90 - 110	
		Matrix Spike Duplicate	1002715-01	0.040128	1.3073	1.3511	mg/L	4.8	93.8	10	90 - 110	
Biochemical Oxygen Demand - Seeded	BTC0318	Duplicate	1002706-02	15250	14233		mg O/L	6.9		20		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

EPA Method 1664

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Oil and Grease	BTC0255	BTC0255-BS1	LCS	31.050	37.400	5.0	mg/L	83.0		78 - 114		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Nitrate as NO3	BTB1882	BTB1882-BS1	LCS	22.811	22.134	0.44	mg/L	103		90 - 110		
pH	BTC0065	BTC0065-BS2	LCS	7.0000	7.0000	0.05	pH Units	100		95 - 105		
Electrical Conductivity @ 25 C	BTC0065	BTC0065-BS1	LCS	305.00	303.00	1.00	umhos/cm	101		90 - 110		
ortho-Phosphate	BTC0144	BTC0144-BS1	LCS	0.61624	0.61320	0.050	mg/L	100		90 - 110		
Chemical Oxygen Demand	BTC0171	BTC0171-BS1	LCS	761.93	750.00	25	mg O/L	102		85 - 115		
Ammonia as NH3	BTC0272	BTC0272-BS1	LCS	1.2249	1.2160	0.061	mg/L	101		90 - 110		
Biochemical Oxygen Demand - Seeded	BTC0318	BTC0318-BS1	LCS	196.34	198.00	38	mg O/L	99.2		85 - 115		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

EPA Method 1664

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BTC0255	BTC0255-BLK1	ND	mg/L	5.0	1.4	

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 03/05/2010 15:27

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Nitrate as NO3	BTB1882	BTB1882-BLK1	ND	mg/L	0.44	0.12	
Total Suspended Solids (Glass Fiber)	BTC0001	BTC0001-BLK1	ND	mg/L	0.50	0.50	
ortho-Phosphate	BTC0144	BTC0144-BLK1	0.018823	mg/L	0.050	0.013	J
Chemical Oxygen Demand	BTC0171	BTC0171-BLK1	ND	mg O/L	25	4.5	
Ammonia as NH3	BTC0272	BTC0272-BLK1	ND	mg/L	0.061	0.031	
Biochemical Oxygen Demand - Seeded	BTC0318	BTC0318-BLK1	ND	mg O/L	1.0	1.0	

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Recology Hay Road	Project: JPO Samples	**Reported:** 03/05/2010 15:27
6426 Hay Road	Project Number: [none]	
Vacaville, CA 95687	Project Manager: Feng Yu Wang	

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A10	PQL's and MDL's were raised due to matrix interference.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S05	The sample holding time was exceeded.

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BC Laboratories, Inc.

10-02707

4100 Atlas Ct Bakersfield, CA 93308
(661)327-4911

Chain of Custody

Report & Bill to:

Name:	Hay Road Landfill	Alta Environemntal Inc.	
Address:	6426 Hay Road	235 N. 1st street	
City:	Vacaville	Dixon, CA 95620	
State:CA	Zip: 95687	Samplers Name: Fengyu Wang	
Attn:	Fengyu Wang	Email: fywang@recology.com	

Analysis Requested

Lab #		Date Sampled	Time Sampled	Matrix	BOD &COD	NH3 & NO3	PO4	TSS	Oil & Grease	pH &EC	DO
1	JPO pond 2/25/10	2/25/2010	1:30pm	water	X	X	X	X	X	X	X
2	JPO sump 2/25/10	2/25/2010	1:30pm	water	X	X	X	X	X	X	X

CHK BY

SUB OUT

Comments: P.O.# 373395
Please sent two set of bottles for the same tests asnsoon as you received this sample..
Thank you!!

Please expedite the test. 25% cost added to P.O.

Relinquished by: (Signature)	Received By:	Date & Time
2/25/10	B Lammel	10:00 2-26-10
Relinquished by: (Signature)	Received by:	Date & Time
Relinquished by: (Signature)	Received By:	Date & Time

SHORT HOLDING TIME

Cr^{+6} NO_2 NO_3 OP SS

DO Cl_2 BOD MBAS COT

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 1007707

SHIPPING INFORMATION

Federal Express ☒ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☐ Blue Ice ☒ None ☐ Other ☐ Comments: Not enough blue ice

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☐ No ☒ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .95 Container: QT Am Thermometer ID: #1163

Temperature: A 9.3 °C / C 9.3 °C TG 2/26

FEB 26 2010 Date/Time 1000

Analyst Init BLT

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	A,B	A B								
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND	C	C								
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1	D	D								
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: -2 Bottle D was received Broken.

Sample Numbering Completed By: CAM Date/Time: 2/26/10 1111

A = Actual / C = Corrected

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 04/29/2010

Feng Yu Wang

Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

RE: JPO Samples
BC Work Order: 1005372
Invoice ID: B079409

Enclosed are the results of analyses for samples received by the laboratory on 4/20/2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Linda Phoudamneun

Contact Person: Linda Phoudamneun
Client Service Rep

Authorized Signature

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Recology Hay Road	Project: JPO Samples	**Reported:** 04/29/2010 14:26
6426 Hay Road	Project Number: [none]	
Vacaville, CA 95687	Project Manager: Feng Yu Wang	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1005372-01	**COC Number:**	—	**Receive Date:**	04/20/2010 10:25
	Project Number:	—	**Sampling Date:**	04/19/2010 13:00
	Sampling Location:	—	**Sample Depth:**	—
	Sampling Point:	JPO Pond water 4/19/10	**Sample Matrix:**	Water
	Sampled By:	—		
1005372-02	**COC Number:**	—	**Receive Date:**	04/20/2010 10:25
	Project Number:	—	**Sampling Date:**	04/19/2010 13:30
	Sampling Location:	—	**Sample Depth:**	—
	Sampling Point:	JPO Sump water 4/19/10	**Sample Matrix:**	Water
	Sampled By:	—		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

EPA Method 1664

BCL Sample ID: 1005372-01 | **Client Sample Name:** JPO Pond water 4/19/10, 4/19/2010 1:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	9.2	mg/L	5.0	1.4	EPA-1664HEM	04/21/10	04/21/10 11:00	JAK	MAN-SV	1	BTD1414	ND	

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 04/29/2010 14:26

Water Analysis (General Chemistry)

BCL Sample ID: 1005372-01 | **Client Sample Name:** JPO Pond water 4/19/10, 4/19/2010 1:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	0.60	mg/L	2.2	0.30	EPA-300.0	04/20/10	04/20/10 11:49	LD1	IC2	5	BTD1416	ND	J,A01
pH	7.71	pH Units	0.05	0.05	SM-4500HB	04/21/10	04/21/10 13:48	RML	MET-1	1	BTD1350		S05
Electrical Conductivity @ 25 C	4080	umhos/cm	1.00	1.00	EPA-120.1	04/21/10	04/21/10 13:48	RML	MET-1	1	BTD1350		
Total Suspended Solids (Glass Fiber)	310	mg/L	62	62	SM-2540D	04/21/10	04/21/10 01:00	MRM	MANUAL	125	BTD1286	ND	A01
Ammonia as NH3	160	mg/L	6.1	3.1	EPA-350.1	04/22/10	04/22/10 10:51	RLP	SC-1	100	BTD1443	ND	A01
ortho-Phosphate	69	mg/L	5.0	1.3	EPA-365.1	04/20/10	04/20/10 15:05	TDC	KONE-1	100	BTD1227	1.7	A01
Total Sulfide	1.4	mg/L	0.50	0.25	EPA-376.2	04/21/10	04/21/10 02:00	MRM	SPEC05	5	BTD1288	ND	A01
Biochemical Oxygen Demand - Seeded	2000	mg O/L	760	760	SM17-5210B	04/21/10	04/21/10 13:00	HPR	YSI-57	762.50	BTD1616		A01
Biochemical Oxygen Demand - Seeded & Filtered	1500	mg O/L	200	200	SM17-5210B	04/21/10	04/21/10 13:00	HPR	YSI-57	203.33	BTD1618		A01
Chemical Oxygen Demand	3500	mg O/L	120	22	SM-5220D	04/22/10	04/22/10 09:55	HPR	SPEC05	5	BTD1437	ND	A01

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

EPA Method 1664

BCL Sample ID: 1005372-02 | **Client Sample Name:** JPO Sump water 4/19/10, 4/19/2010 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	210	mg/L	5.0	1.4	EPA-1664HEM	04/21/10	04/21/10 11:00	JAK	MAN-SV	1	BTD1414	ND	

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 04/29/2010 14:26

Water Analysis (General Chemistry)

BCL Sample ID: 1005372-02 | **Client Sample Name:** JPO Sump water 4/19/10, 4/19/2010 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as NO3	ND	mg/L	2.2	0.30	EPA-300.0	04/20/10	04/20/10 12:03	LD1	IC2	5	BTD1416	ND	A01
pH	6.62	pH Units	0.05	0.05	SM-4500HB	04/21/10	04/21/10 13:52	RML	MET-1	1	BTD1350		S05
Electrical Conductivity @ 25 C	7890	umhos/cm	1.00	1.00	EPA-120.1	04/21/10	04/21/10 13:52	RML	MET-1	1	BTD1350		
Total Suspended Solids (Glass Fiber)	820	mg/L	62	62	SM-2540D	04/21/10	04/21/10 01:00	MRM	MANUAL	125	BTD1286	ND	A01
Ammonia as NH3	690	mg/L	61	31	EPA-350.1	04/22/10	04/22/10 11:06	RLP	SC-1	1000	BTD1443	ND	A01
ortho-Phosphate	65	mg/L	5.0	1.3	EPA-365.1	04/20/10	04/20/10 15:05	TDC	KONE-1	100	BTD1227	1.7	A01
Total Sulfide	ND	mg/L	1.0	0.50	EPA-376.2	04/21/10	04/21/10 02:00	MRM	SPEC05	10	BTD1288	ND	A10
Biochemical Oxygen Demand - Seeded	9500	mg O/L	3000	3000	SM17-5210B	04/21/10	04/21/10 13:00	HPR	YSI-57	3050	BTD1616		A01
Biochemical Oxygen Demand - Seeded & Filtered	7400	mg O/L	1000	1000	SM17-5210B	04/21/10	04/21/10 13:00	HPR	YSI-57	1016.7	BTD1618		A01
Chemical Oxygen Demand	17000	mg O/L	500	90	SM-5220D	04/22/10	04/22/10 09:55	HPR	SPEC05	20	BTD1437	ND	A01

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

EPA Method 1664

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Oil and Grease	BTD1414	Duplicate	1005149-02	6.9500	7.5000		mg/L	7.6		18		
		Matrix Spike	1003610-90	ND	36.650	38.900	mg/L		94.2		78 - 114	
		Matrix Spike Duplicate	1003610-90	ND	35.250	38.900	mg/L	3.9	90.6	18	78 - 114	

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 04/29/2010 14:26

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
ortho-Phosphate	BTD1227	Duplicate	1005339-10	2.0732	2.0584		mg/L	0.7		10		
		Matrix Spike	1005339-10	2.0732	5.3540	3.2274	mg/L		102		90 - 110	
		Matrix Spike Duplicate	1005339-10	2.0732	5.3172	3.2274	mg/L	1.1	101	10	90 - 110	
Total Suspended Solids (Glass Fiber)	BTD1286	Duplicate	1005370-01	826.67	800.00		mg/L	3.3		10		
Total Sulfide	BTD1288	Duplicate	1005381-01	ND	ND		mg/L			10		
		Matrix Spike	1005381-01	ND	0.47785	0.50000	mg/L		95.6		80 - 120	
		Matrix Spike Duplicate	1005381-01	ND	0.48071	0.50000	mg/L	0.6	96.1	10	80 - 120	
pH	BTD1350	Duplicate	1005415-01	7.9200	7.9300		pH Units	0.1		20		
Electrical Conductivity @ 25 C	BTD1350	Duplicate	1005415-01	890.50	875.80		umhos/cm	1.7		10		
Nitrate as NO3	BTD1416	Duplicate	1005370-01	ND	ND		mg/L			10		
		Matrix Spike	1005370-01	ND	21.794	22.358	mg/L		97.5		80 - 120	
		Matrix Spike Duplicate	1005370-01	ND	22.223	22.358	mg/L	2.0	99.4	10	80 - 120	
Chemical Oxygen Demand	BTD1437	Duplicate	1005475-02	269.11	271.44		mg O/L	0.9		20		
		Matrix Spike	1005475-02	269.11	958.90	750.00	mg O/L		92.0		80 - 120	
		Matrix Spike Duplicate	1005475-02	269.11	972.88	750.00	mg O/L	2.0	93.8	20	80 - 120	
Ammonia as NH3	BTD1443	Duplicate	1005295-01	ND	ND		mg/L			10		
		Matrix Spike	1005295-01	ND	1.3780	1.3511	mg/L		102		90 - 110	
		Matrix Spike Duplicate	1005295-01	ND	1.3721	1.3511	mg/L	0.4	102	10	90 - 110	
Biochemical Oxygen Demand - Seeded	BTD1616	Duplicate	1005370-01	744.20	838.75		mg O/L	11.9		20		
Biochemical Oxygen Demand - Seeded & F	BTD1618	Duplicate	1005399-01	73.200	73.200		mg O/L	0		20		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

EPA Method 1664

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Oil and Grease	BTD1414	BTD1414-BS1	LCS	33.550	38.900	5.0	mg/L	86.2		78 - 114		

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Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

Project: JPO Samples
Project Number: [none]
Project Manager: Feng Yu Wang

Reported: 04/29/2010 14:26

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
ortho-Phosphate	BTD1227	BTD1227-BS1	LCS	0.64070	0.61320	0.050	mg/L	104		90 - 110		
Total Sulfide	BTD1288	BTD1288-BS1	LCS	0.50359	0.50000	0.10	mg/L	101		90 - 110		
pH	BTD1350	BTD1350-BS2	LCS	4.0200	4.0000	0.05	pH Units	100		95 - 105		
Electrical Conductivity @ 25 C	BTD1350	BTD1350-BS1	LCS	318.10	303.00	1.00	umhos/cm	105		90 - 110		
Nitrate as NO3	BTD1416	BTD1416-BS1	LCS	22.187	22.134	0.44	mg/L	100		90 - 110		
Chemical Oxygen Demand	BTD1437	BTD1437-BS1	LCS	744.51	750.00	25	mg O/L	99.3		85 - 115		
Ammonia as NH3	BTD1443	BTD1443-BS1	LCS	1.2389	1.2160	0.061	mg/L	102		90 - 110		
Biochemical Oxygen Demand - Seeded	BTD1616	BTD1616-BS1	LCS	196.22	198.00	51	mg O/L	99.1		85 - 115		
Biochemical Oxygen Demand - Seeded & F	BTD1618	BTD1618-BS1	LCS	196.22	198.00	51	mg O/L	99.1		85 - 115		

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

EPA Method 1664

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BTD1414	BTD1414-BLK1	ND	mg/L	5.0	1.4	

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Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Project: JPO Samples Project Number: [none] Project Manager: Feng Yu Wang	**Reported:** 04/29/2010 14:26

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
ortho-Phosphate	BTD1227	BTD1227-BLK1	0.016922	mg/L	0.050	0.013	J
Total Suspended Solids (Glass Fiber)	BTD1286	BTD1286-BLK1	ND	mg/L	0.50	0.50	
Total Sulfide	BTD1288	BTD1288-BLK1	ND	mg/L	0.10	0.050	
Nitrate as NO3	BTD1416	BTD1416-BLK1	ND	mg/L	0.44	0.059	
Chemical Oxygen Demand	BTD1437	BTD1437-BLK1	ND	mg O/L	25	4.5	
Ammonia as NH3	BTD1443	BTD1443-BLK1	ND	mg/L	0.061	0.031	
Biochemical Oxygen Demand - Seeded	BTD1616	BTD1616-BLK1	ND	mg O/L	1.0	1.0	
Biochemical Oxygen Demand - Seeded & Filtered	BTD1618	BTD1618-BLK1	ND	mg O/L	1.0	1.0	

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Recology Hay Road	Project: JPO Samples	**Reported:** 04/29/2010 14:26
6426 Hay Road	Project Number: [none]	
Vacaville, CA 95687	Project Manager: Feng Yu Wang	

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A10	PQL's and MDL's were raised due to matrix interference.
S05	The sample holding time was exceeded.

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