

APPENDIX B
LABORATORY ANALYTICAL REPORT



Date of Report: 03/10/2009


Ignacio Lopez

City of Patterson
14901 Poplar Avenue P.O. Box 667
Patterson, CA 95363


RE: Groundwater Monitoring
BC Work Order: 0902397
Invoice ID: B058578

Enclosed are the results of analyses for samples received by the laboratory on 2/20/2009. If you have any questions concerning this report, please feel free to contact me.


Sincerely,



Contact Person: Natalie Serda
Client Service Rep



Authorized Signature

RECEIVED
MAR 16 2009
BY: 

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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com
Certifications: California - ELAP Certification Number 1186; Nevada Administrative Code - NAC-445A



Laboratories, Inc.

Chain of Custody Form

Report To: **Client: Patterson W.Q.C.P.**
Attn: Ignacio Lopez
Street Address: 4901 Poplar Ave.
City, State, Zip: Patterson, CA
Phone: _____ **Fax:** _____
Email Address: _____
Work Order #: 0902397

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Soil _____
Sludge _____
Drinking Water _____
Ground Water _____
Waste Water _____

Other: _____

Turnaround # of work days: _____

Are there any tests with holding times less than or equal to 48 hours?
 Yes No

* Standard Turnaround = 10 work days

Comments: **Called Client but expired analysis p/Cassandra.**
 NWS 2/23/09

Sample #	Description	Date Sampled	Time Sampled
1	MW-1	2/20/09	14:55
2	MW-2		15:33
3	MW-3		11:54
4	MW-4		13:52
5	MW-5		14:20
6	MW-6		12:28
7	MW-7		12:52
8	MW-8		11:19
9	MW-10		11:28
10	MW-11		14:18
11	MW-12		13:36
12	MW-13		15:08
13	MW-14		15:31
14	MW-15		13:17

Billing: Same as above

EDF Required? Yes No

Send Copy to State of CA? (EDT) Yes No

Client: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Attn: _____
 PO#: _____

Special Reporting: OC EDF Raw Data

Relinquished By: _____ Date: _____
 Relinquished By: _____ Date: _____
 Relinquished By: _____ Date: _____



Laboratories, Inc.

Chain of Custody Form

Report To: **Patterson W.Q.C.P.**
 Client: **IGNACIO LOPEZ**
 Attn: **IGNACIO LOPEZ**
 Street Address: **4901 POPCRAFT AVE.**
 City, State, Zip: **PATTERSON, CA**
 Phone: _____ Fax: _____
 Email Address: _____
 Work Order #: **0902397**
 Project #: _____
 Project Name: **1st Qtr.**
 Global ID #: _____
 Sampler(s): **Del-Tech Ashley Light**

Analysis Requested

Please refer to the back of this page for completion instructions and method send.

CHLORIDE
TOTAL METALS
SOIL
DRINKING WATER
GROUND WATER
WASTE WATER

Sample #	Description	Date Sampled	Time Sampled	Notes
75 MWV-10		2/20/09	12:00	
	Bacteriological			

Sample Matrix	Turnaround # of work days	Are there any tests with holding times less than or equal to 48 hours?	Yes	No
Soil				
Sludge				
Drinking Water				
Ground Water				
Waste Water				
Other				

Billing Same as above

Client: _____ State: _____ Zip: _____

Address: _____

City: _____

Attn: _____

PO#: _____

EDF Required? Yes No

Send Copy to State of CA? (EDT) Yes No

Sample Disposal: Return to Client Disposal by lab Archive: _____ Months _____

Relinquished By: **DRUGSIGHT** Date: **2/20/09** Time: **15:50**

Relinquished By: **RECEIVED** Date: **2/20/09** Time: **20:10**

Relinquished By: _____ Date: _____ Time: _____

Special Reporting: QC EDF Raw Data

1. Received By: _____ Date: **2/20/09** Time: **15:50**

2. Received By: _____ Date: **2/20/09** Time: **20:10**

3. Received By: _____ Date: _____ Time: _____

Submission #: 0902397

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: _____

Custody Seals   None Comments: _____

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

COC Received
 YES NO

Emissivity: 0.98 Container: QdNo Thermometer ID: TH103
Temperature: A 03 °C / C 2.3 °C

Date/Time 2-20-09
Analyst Init JW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	B	B	B	B	B	B	B	B		
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS	A	A	A	A	A	A	A	A	A	A
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL <u>0902398</u>	A	A	A	A	A	A	A	A		
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:

Sample Numbering Completed By: Am Date/Time: 02-20-09

A = Actual / C = Corrected

2045

Submission #: 0902397

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: _____

Custody Seals   None Comments: _____

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

COC Received
 YES NO

Emissivity: 0.98 Container: DM Thermometer ID: TH1123
 Temperature: A 3.4 °C / C 3.4 °C

Date/Time 2023-2-20-09
 Analyst Init JW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	11	12	13	14	15	6	7	8	9	10
QT GENERAL MINERAL/GENERAL PHYSICAL	B	B	B	B	D				B	B
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS	A	A	A	A	A				A	A
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
Pa PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL <u>0902398</u>	A	A	A	A	A				A	A
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:

Sample Numbering Completed By: ALM Date/Time: 02-20-09

A = Actual / C = Corrected

2015



City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0902397-01
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-1
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 14:55
 Sample Depth: ---
 Sample Matrix: Water

0902397-02
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-2
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 15:33
 Sample Depth: ---
 Sample Matrix: Water

0902397-03
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-3
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 11:54
 Sample Depth: ---
 Sample Matrix: Water

0902397-04
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-4
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 13:52
 Sample Depth: ---
 Sample Matrix: Water

0902397-05
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-5
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 14:20
 Sample Depth: ---
 Sample Matrix: Water

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Project: Groundwater Monitoring
Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information	Receive Date:	Sample Matrix:
0902397-06	COC Number: --	02/20/2009 20:10	
	Project Number: --	Sampling Date: 02/20/2009 12:28	
	Sampling Location: --	Sample Depth: --	
	Sampling Point: MW-6	Sample Matrix: Water	
	Sampled By: Del-Tech		
0902397-07	COC Number: --	02/20/2009 20:10	
	Project Number: --	Sampling Date: 02/20/2009 12:52	
	Sampling Location: --	Sample Depth: --	
	Sampling Point: MW-7	Sample Matrix: Water	
	Sampled By: Del-Tech		
0902397-08	COC Number: --	02/20/2009 20:10	
	Project Number: --	Sampling Date: 02/20/2009 11:19	
	Sampling Location: --	Sample Depth: --	
	Sampling Point: MW-8	Sample Matrix: Water	
	Sampled By: Del-Tech		
0902397-09	COC Number: --	02/20/2009 20:10	
	Project Number: --	Sampling Date: 02/20/2009 11:28	
	Sampling Location: --	Sample Depth: --	
	Sampling Point: MW-10	Sample Matrix: Water	
	Sampled By: Del-Tech		
0902397-10	COC Number: --	02/20/2009 20:10	
	Project Number: --	Sampling Date: 02/20/2009 14:18	
	Sampling Location: --	Sample Depth: --	
	Sampling Point: MW-11	Sample Matrix: Water	
	Sampled By: Del-Tech		

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Environmental Testing Laboratory Since 1948

City of Patterson
14901 Poplar Avenue P.O. Box 667
Patterson, CA 95363

Project: Groundwater Monitoring
Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Laboratory / Client Sample Cross Reference

Laboratory Client Sample Information

0902397-11
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-12
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 13:36
 Sample Depth: ---
 Sample Matrix: Water

0902397-12
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-13
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 15:08
 Sample Depth: ---
 Sample Matrix: Water

0902397-13
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-14
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 15:31
 Sample Depth: ---
 Sample Matrix: Water

0902397-14
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-15
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 13:17
 Sample Depth: ---
 Sample Matrix: Water

0902397-15
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-16
 Sampled By: Del-Tech

Receive Date: 02/20/2009 20:10
 Sampling Date: 02/20/2009 12:06
 Sample Depth: ---
 Sample Matrix: Water

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City of Patterson
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 Patterson, CA 95363

Reported: 03/10/2009 14:57

Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-01		Client Sample Name: MW-1, 2/20/2009 2:55:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep		Run		Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
						Date	Date/Time	Analyst	ARD					
Sodium	360	mg/L	0.50	0.049	EPA-8010B	02/23/09	02/24/09 16:49	ARD		PE-OP1	1	BSB1687	ND	
Chloride	320	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/20/09 22:34	CRR		IC2	2	BSB1577	ND	A01
Nitrate as N	21	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/20/09 22:34	CRR		IC2	2	BSB1577	ND	A01
pH	7.75	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM		B360	1	BSB1623		S05
Total Dissolved Solids @ 180 C	2000	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR		MANUAL	10	BSC0029	ND	
Total Kjeldahl Nitrogen	0.14	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:37	JSM		SC-1	1	BSB1728	ND	J

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 Patterson, CA 95363

Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-02		Client Sample Name: MW-2, 2/20/2009 3:33:00PM, Del-Tech											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Sodium	380	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 16:51	ARD	PE-OP1	1	BSB1687	ND	
Chloride	260	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/20/09 23:29	CRR	IC2	2	BSB1577	ND	A01
Nitrate as N	11	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/20/09 23:29	CRR	IC2	2	BSB1577	ND	A01
pH	7.76	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623		S05
Total Dissolved Solids @ 180 C	2100	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0029	ND	
Total Kjeldahl Nitrogen	0.14	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:40	JSM	SC-1	1	BSB1728	ND	J

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Project: Groundwater Monitoring
Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-03		Client Sample Name: MW-3, 2/20/2009 11:54:00AM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab
Sodium	400	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 16:53	ARD	PE-OP1	1	BSB1687	ND	ND	
Chloride	480	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/20/09 23:42	CRR	IC2	2	BSB1577	ND	ND	A01
Nitrate as N	5.9	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/20/09 23:42	CRR	IC2	2	BSB1577	ND	ND	A01
pH	7.47	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623			S05
Total Dissolved Solids @ 180 C	2100	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0029	ND	ND	
Total Kjeldahl Nitrogen	0.11	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:42	JSM	SC-1	1	BSB1728	ND	ND	J

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Project: Groundwater Monitoring
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 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-04		Client Sample Name: MW-4, 2/20/2009 1:52:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Sodium	300	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 16:56	ARD	PE-OP1	1	BSB1687	ND		
Chloride	400	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/20/09 23:56	CRR	IC2	2	BSB1577	ND	A01	
Nitrate as N	1.3	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/20/09 23:56	CRR	IC2	2	BSB1577	ND	A01	
pH	7.16	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623		S05	
Total Dissolved Solids @ 180 C	1700	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0029	ND		
Total Kjeldahl Nitrogen	0.22	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:44	JSM	SC-1	1	BSB1728	ND		

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-05		Client Sample Name: MW-5, 2/20/2009 2:20:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB Bias	Lab Quals
Sodium	290	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 16:58	ARD	PE-OP1	1	BSB1687	ND	ND	
Chloride	430	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 00:10	CRR	IC2	2	BSB1577	ND	ND	A01
Nitrate as N	1.8	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 00:10	CRR	IC2	2	BSB1577	ND	ND	A01
pH	7.25	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623			S05
Total Dissolved Solids @ 180 C	1600	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0029	ND	ND	
Total Kjeldahl Nitrogen	0.42	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:45	JSM	SC-1	1	BSB1728	ND	ND	

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-06		Client Sample Name: MW-6, 2/20/2009 12:28:00PM, Del-Tech											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Sodium	190	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:00	ARD	PE-OP1	1	BSB1687	ND	
Chloride	190	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 00:51	CRR	IC2	2	BSB1577	ND	A01
Nitrate as N	5.7	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 00:51	CRR	IC2	2	BSB1577	ND	A01
pH	7.82	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623		S05
Total Dissolved Solids @ 180 C	1000	mg/L	50	50	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	5	BSC0029	ND	
Total Kjeldahl Nitrogen	0.21	mg/L	0.20	0.042	EPA-351.2	03/05/09	03/09/09 12:56	JSM	SC-1	1	BSC0316	ND	

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City of Patterson
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Project: Groundwater Monitoring
Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-07		Client Sample Name: MW-7, 2/20/2009 12:52:00PM, Del-Tech														
Constituent	Result	Units	PQL	MDL	Method	Date	Prep	Run	Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab
Sodium	310	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09	17:02	ARD	PE-OP1	1	1	BSB1687	ND		
Chloride	460	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09	01:04	CRR	IC2	2	2	BSB1577	ND		A01
Nitrate as N	3.2	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09	01:04	CRR	IC2	2	2	BSB1577	ND		A01
pH	7.56	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09	02:15	MRM	B360	1	1	BSB1623			S05
Total Dissolved Solids @ 180 C	1500	mg/L	100	100	EPA-160.1	02/25/09	02/25/09	10:30	JLR	MANUAL	10	10	BSC0029	ND		
Total Kjeldahl Nitrogen	0.080	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09	09:47	JSM	SC-1	1	1	BSB1728	ND		J

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-08 Client Sample Name: MW-8, 2/20/2009 11:19:00AM, Del-Tech

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Sodium	270	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:11	ARD	PE-OP1	1	BSB1687	ND	
Chloride	340	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 01:18	CRR	IC2	2	BSB1577	ND	A01
Nitrate as N	2.6	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 01:18	CRR	IC2	2	BSB1577	ND	A01
pH	7.45	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09 02:15	MRM	B360	1	BSB1623		S05
Total Dissolved Solids @ 180 C	1200	mg/L	50	50	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	5	BSC0029	ND	
Total Kjeldahl Nitrogen	0.090	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:47	JSM	SC-1	1	BSB1728	ND	J

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

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Water Analysis (General Chemistry)

BCL Sample ID: 0902397-09		Client Sample Name: MW-10, 2/20/2009 11:28:00AM, Del-Tech													
Constituent	Result	Units	PQL	MDL	Method	Date	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	Batch ID	QC	MB	Lab
Sodium	310	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/23/09	02/24/09 17:13	ARD	PE-OP1	1	BSB1687	ND	ND	A01
Chloride	460	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09	01:31	CRR	IC2	2	BSB1577	ND	ND	A01
Nitrate as N	6.8	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09	01:31	CRR	IC2	2	BSB1577	ND	ND	A01
pH	7.36	pH Units	0.05	0.05	EPA-150.1	02/23/09	02/23/09	02:15	MRM	B360	1	BSB1623	S05		
Total Dissolved Solids @ 180 C	1800	mg/L	100	100	EPA-160.1	02/25/09	02/25/09	10:30	JLR	MANUAL	10	BSC0029	ND		
Total Kjeldahl Nitrogen	0.39	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09	09:49	JSM	SC-1	1	BSB1728	ND		

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Water Analysis (General Chemistry)

BCL Sample ID: 0902397-10		Client Sample Name: MW-11, 2/20/2009 2:18:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Sodium	220	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:15	ARD	PE-OP1	1	BSB1687	ND		
Chloride	210	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 01:45	CRR	IC2	2	BSB1577	ND	A01	
Nitrate as N	9.1	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 01:45	CRR	IC2	2	BSB1577	ND	A01	
pH	7.68	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624		S05	
Total Dissolved Solids @ 180 C	1200	mg/L	50	50	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	5	BSC0029	ND		
Total Kjeldahl Nitrogen	0.13	mg/L	0.20	0.042	EPA-351.2	02/24/09	02/25/09 09:49	JSM	SC-1	1	BSB1728	ND	J	

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Water Analysis (General Chemistry)

BCL Sample ID: 0902397-11		Client Sample Name: MW-12, 2/20/2009 1:36:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB	Lab
Sodium	260	mg/L	0.50	0.049	EPA-8010B	02/23/09	02/24/09 17:17	ARD	PE-OP1	1	BSB1687	ND	ND	
Chloride	330	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 01:59	CRR	IC2	2	BSB1578	ND	ND	A01
Nitrate as N	4.7	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 01:59	CRR	IC2	2	BSB1578	ND	ND	A01
pH	7.79	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624			S05
Total Dissolved Solids @ 180 C	1400	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0030	ND	ND	
Total Kjeldahl Nitrogen	ND	mg/L	0.20	0.042	EPA-351.2	02/25/09	02/26/09 11:02	JSM	SC-1	1	BSB1828	ND	ND	

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 Project Manager: Ignacio Lopez

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Water Analysis (General Chemistry)

BCL Sample ID: 0902397-12		Client Sample Name: MW-13, 2/20/2009 3:08:00PM, Del-Tech											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Sodium	350	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:19	ARD	PE-OP1	1	BSB1687	ND	
Chloride	350	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 03:48	CRR	IC2	2	BSB1578	ND	A01
Nitrate as N	2.2	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 03:48	CRR	IC2	2	BSB1578	ND	A01
pH	7.80	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624		S05
Total Dissolved Solids @ 180 C	1800	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0030	ND	
Total Kjeldahl Nitrogen	0.060	mg/L	0.20	0.042	EPA-351.2	02/25/09	02/26/09 11:04	JSM	SC-1	1	BSB1828	ND	J

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Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-13		Client Sample Name: MW-14, 2/20/2009 3:31:00PM, Del-Tech												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	QC	MB Bias	Lab Quais
Sodium	350	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:21	ARD	PE-OP1	1	BSB1687		ND	
Chloride	390	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 04:01	CRR	IC2	2	BSB1578		ND	A01
Nitrate as N	2.0	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 04:01	CRR	IC2	2	BSB1578		ND	A01
pH	7.78	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624			S05
Total Dissolved Solids @ 180 C	1600	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0030		ND	
Total Kjeldahl Nitrogen	0.064	mg/L	0.20	0.042	EPA-351.2	02/25/09	02/26/09 11:06	JSM	SC-1	1	BSB1828		ND	J

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Sodium	340	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:23	ARD	PE-OP1	1	BSB1687	ND	
Chloride	400	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 04:15	CRR	IC2	2	BSB1578	ND	A01
Nitrate as N	1.8	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 04:15	CRR	IC2	2	BSB1578	ND	A01
pH	8.36	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624		S05
Total Dissolved Solids @ 180 C	1400	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0030	ND	
Total Kjeldahl Nitrogen	0.60	mg/L	0.20	0.042	EPA-351.2	02/25/09	02/26/09 11:08	JSM	SC-1	1	BSB1828	ND	

BCL Sample ID: 0902397-14 Client Sample Name: MW-15, 2/20/2009 1:17:00PM, Del-Tech

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

BCL Sample ID: 0902397-15		Client Sample Name: MW-16, 2/20/2009 12:06:00PM, Del-Tech											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	Batch ID	MB Bias	Lab Quals
Sodium	260	mg/L	0.50	0.049	EPA-6010B	02/23/09	02/24/09 17:25	ARD	PE-OP1	1	BSB1687	ND	
Chloride	380	mg/L	1.0	0.12	EPA-300.0	02/20/09	02/21/09 04:28	CRR	IC2	2	BSB1578	ND	A01
Nitrate as N	6.1	mg/L	0.20	0.052	EPA-300.0	02/20/09	02/21/09 04:28	CRR	IC2	2	BSB1578	ND	A01
pH	7.65	pH Units	0.05	0.05	EPA-150.1	02/23/08	02/23/09 02:15	MRM	B360	1	BSB1624		S05
Total Dissolved Solids @ 180 C	1300	mg/L	100	100	EPA-160.1	02/25/09	02/25/09 10:30	JLR	MANUAL	10	BSC0030	ND	
Total Kjeldahl Nitrogen	0.22	mg/L	0.20	0.042	EPA-351.2	02/25/09	02/26/09 11:08	JSM	SC-1	1	BSB1828	ND	

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Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Spike Added	Units	RPD	Percent Recovery		Control Limits	
								Result	RPD	Recovery	RPD
Chloride	BSB1577	Duplicate	0902397-01	324.35	202.02	mg/L	1.6	329.63	105	10	80 - 120
		Matrix Spike	0902397-01	324.35	202.02	mg/L	0	535.81	105	10	80 - 120
		Matrix Spike Duplicate	0902397-01	324.35	202.02	mg/L	0	535.89	105	10	80 - 120
Nitrate as N	BSB1577	Duplicate	0902397-01	20.990	10.101	mg/L	1.5	21.302	104	10	80 - 120
		Matrix Spike	0902397-01	20.990	10.101	mg/L	1.0	31.535	105	10	80 - 120
		Matrix Spike Duplicate	0902397-01	20.990	10.101	mg/L	1.0	31.642	105	10	80 - 120
Chloride	BSB1578	Duplicate	0902397-11	331.87	202.02	mg/L	0.4	333.13	102	10	80 - 120
		Matrix Spike	0902397-11	331.87	202.02	mg/L	0	536.93	102	10	80 - 120
		Matrix Spike Duplicate	0902397-11	331.87	202.02	mg/L	0	537.16	102	10	80 - 120
Nitrate as N	BSB1578	Duplicate	0902397-11	4.7040	10.101	mg/L	1.0	4.6580	102	10	80 - 120
		Matrix Spike	0902397-11	4.7040	10.101	mg/L	0	14.972	102	10	80 - 120
		Matrix Spike Duplicate	0902397-11	4.7040	10.101	mg/L	0	14.978	102	10	80 - 120
pH	BSB1623	Duplicate	0902397-01	7.7490		pH Units	0.2	7.7610		20	
pH	BSB1624	Duplicate	0902397-11	7.7920		pH Units	0.2	7.8040		20	
Sodium	BSB1687	Duplicate	0902392-01	245.46	10.204	mg/L	1.1	248.19	113	20	75 - 125
		Matrix Spike	0902392-01	245.46	10.204	mg/L	0	256.94	44.7	20	75 - 125
		Matrix Spike Duplicate	0902392-01	245.46	10.204	mg/L	0	250.02	86.6	20	75 - 125 A03,Q02
Total Kjeldahl Nitrogen	BSB1728	Duplicate	0902397-01	0.13830	2.0000	mg/L	3.6	0.13940	98.2	20	80 - 120
		Matrix Spike	0902397-01	0.13830	2.0000	mg/L	0.9	2.1014	97.3	20	80 - 120
		Matrix Spike Duplicate	0902397-01	0.13830	2.0000	mg/L	0.9	2.0852	97.3	20	80 - 120
Total Kjeldahl Nitrogen	BSB1828	Duplicate	0902520-01	0.078700	2.0000	mg/L		ND	100	20	80 - 120
		Matrix Spike	0902520-01	0.078700	2.0000	mg/L		2.0830	101	20	80 - 120
		Matrix Spike Duplicate	0902520-01	0.078700	2.0000	mg/L		2.1005	101	20	80 - 120
Total Dissolved Solids @ 180 C	BSC0029	Duplicate	0902397-01	2020.0		mg/L	1.0	2000.0		10	
Total Dissolved Solids @ 180 C	BSC0030	Duplicate	0902397-11	1420.0		mg/L	0	1420.0		10	

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 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

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Water Analysis (General Chemistry) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Spike Added	Units	RPD	Control Limits	
								Percent Recovery	RPD
Total Kjeldahl Nitrogen	BSC0316	Duplicate	0902910-03	0.25320	2.0000	mg/L	8.4	20	80 - 120
		Matrix Spike	0902910-03	0.25320	2.0000	mg/L	16.0	20	80 - 120
		Matrix Spike Duplicate	0902910-03	0.25320	2.0257	mg/L	16.0	20	80 - 120

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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	Control Limits	
									RPD	Lab Quals
Chloride	BSB1577	BSB1577-BS1	LCS	105.37	100.00	0.50	mg/L	105	90 - 110	
Nitrate as N	BSB1577	BSB1577-BS1	LCS	5.0430	5.0000	0.10	mg/L	101	90 - 110	
Chloride	BSB1578	BSB1578-BS1	LCS	105.84	100.00	0.50	mg/L	106	90 - 110	
Nitrate as N	BSB1578	BSB1578-BS1	LCS	5.0930	5.0000	0.10	mg/L	102	90 - 110	
pH	BSB1623	BSB1623-BS1	LCS	6.9860	7.0000	0.05	pH Units	99.8	95 - 105	
pH	BSB1624	BSB1624-BS1	LCS	7.0080	7.0000	0.05	pH Units	100	95 - 105	
Sodium	BSB1687	BSB1687-BS1	LCS	10.258	10.000	0.50	mg/L	103	85 - 115	
Total Kjeldahl Nitrogen	BSB1728	BSB1728-BS1	LCS	2.1071	2.0000	0.20	mg/L	105	85 - 115	
Total Kjeldahl Nitrogen	BSB1828	BSB1828-BS1	LCS	2.0434	2.0000	0.20	mg/L	102	85 - 115	
Total Dissolved Solids @ 180 C	BSC0029	BSC0029-BS1	LCS	580.00	586.00	50	mg/L	99.0	90 - 110	
Total Dissolved Solids @ 180 C	BSC0030	BSC0030-BS1	LCS	540.00	586.00	50	mg/L	92.2	90 - 110	
Total Kjeldahl Nitrogen	BSC0316	BSC0316-BS1	LCS	2.0127	2.0000	0.20	mg/L	101	85 - 115	

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 Certifications: California - FI AP Certification Number 11812 Nevada Administrative Code - NAC-445A



City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Groundwater Monitoring
 Project Number: 1st Quarter
 Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Chloride	BSB1577	BSB1577-BLK1	ND	mg/L	0.50	0.059	
Nitrate as N	BSB1577	BSB1577-BLK1	ND	mg/L	0.10	0.026	
Chloride	BSB1578	BSB1578-BLK1	ND	mg/L	0.50	0.059	
Nitrate as N	BSB1578	BSB1578-BLK1	ND	mg/L	0.10	0.026	
Sodium	BSB1687	BSB1687-BLK1	ND	mg/L	0.50	0.049	
Total Kjeldahl Nitrogen	BSB1728	BSB1728-BLK1	ND	mg/L	0.20	0.042	
Total Kjeldahl Nitrogen	BSB1828	BSB1828-BLK1	ND	mg/L	0.20	0.042	
Total Dissolved Solids @ 180 C	BSC0029	BSC0029-BLK1	ND	mg/L	6.7	6.7	
Total Dissolved Solids @ 180 C	BSC0030	BSC0030-BLK1	ND	mg/L	6.7	6.7	
Total Kjeldahl Nitrogen	BSC0316	BSC0316-BLK1	ND	mg/L	0.20	0.042	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Groundwater Monitoring
Project Number: 1st Quarter
Project Manager: Ignacio Lopez

Reported: 03/10/2009 14:57

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.
- A03 The sample concentration is more than 4 times the spike level.
- Q02 Matrix spike precision is not within the control limits.
- S05 The sample holding time was exceeded.

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Date of Report: 03/02/2009


Joel Cockrell


City of Patterson
14901 Poplar Avenue P.O. Box 667
Patterson, CA 95363


RE: Bacteriological
BC Work Order: 0902532
Invoice ID: B058059

Enclosed are the results of analyses for samples received by the laboratory on 2/24/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,


Contact Person: Natalie Serda
Client Service Rep


Authorized Signature

RECEIVED
MAR 10 2009
BY: 

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-01 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-1
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 11:24
Sample Depth: ---
Sample Matrix: Water

District ID: ---
System Number: ---
Station Number: ---
Sample Site: ---
Residual Chlorine, ppm: 6.0
Temperature, C: ---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-02 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-2
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:57
Sample Depth: ---
Sample Matrix: Water

District ID:
System Number:
Station Number:
Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-03 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-3
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:00
Sample Depth: ---
Sample Matrix: Water

District ID: ---
System Number: ---
Station Number: ---
Sample Site: ---
Residual Chlorine, ppm: ---
Temperature, C: ---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab
Total Coliform, Presumptive Test	1	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	
Total Coliform, Density	<2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	

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 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-04 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
District ID:
System Number:
Station Number:
Sampling Location: MW-4
Sample Site:
Sampled By: Del-Tech
Residual Chlorine, ppm:
Temperature, C:
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:24
Sample Depth: ---
Sample Matrix: Water

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-05 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-5
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:35
Sample Depth: ---
Sample Matrix: Water

District ID:
System Number:
Station Number:
Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	1	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/28/2009	
Total Coliform, Confirmed Test	1	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/28/2009	
Total Coliform, Density	2.0	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/28/2009	

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City of Patterson
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 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:26

0902532-06 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-6
Sampled By: Det-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 12:00
Sample Depth: ---
Sample Matrix: Water

District ID: ---
System Number: ---
Station Number: ---
Sample Site: ---
Residual Chlorine, ppm: ---
Temperature, C: ---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	1	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	
Total Coliform, Confirmed Test	1	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	
Total Coliform, Density	2.0	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	03/01/2009	

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City of Patterson
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 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

Water Analysis (Bacteriological)

0902532-07

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-7
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 12:14
Sample Depth: ---
Sample Matrix: Water

District ID:
System Number:
Station Number:
Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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Reported: 03/02/2009 11:00

Project: Bacteriological
Project Number: [none]
Project Manager: Joel Cockrell

Water Analysis (Bacteriological)

0902532-08

COC Number: --- Project Number: --- Sampling Location: --- Sampling Point: MW-8 Sampled By: Del-Tech Receive Date: 02/24/2009 21:20 Sampling Date: 02/24/2009 11:39 Sample Depth: --- Sample Matrix: Water	District ID: --- System Number: --- Station Number: --- Sample Site: --- Residual Chlorine, ppm: --- Temperature, C: ---
---	---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-09 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-10
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:19
Sample Depth: ---
Sample Matrix: Water

District ID: ---
System Number: ---
Station Number: ---
Sample Site: ---
Residual Chlorine, ppm: ---
Temperature, C: ---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

Water Analysis (Bacteriological)

0902532-10
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-11
 Sampled By: Del-Tech
 Receive Date: 02/24/2009 21:20
 Sampling Date: 02/24/2009 12:37
 Sample Depth: ---
 Sample Matrix: Water

District ID:
 System Number:
 Station Number:
 Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

Water Analysis (Bacteriological)

0902532-11

COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-12
 Sampled By: Del-Tech
 Receive Date: 02/24/2009 21:20
 Sampling Date: 02/24/2009 12:23
 Sample Depth: ---
 Sample Matrix: Water

District ID:
 System Number:
 Station Number:
 Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-12 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-13
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 10:45
Sample Depth: ---
Sample Matrix: Water

District ID:
System Number:
Station Number:
Sample Site:
Residual Chlorine, ppm:
Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

Water Analysis (Bacteriological)

0902532-13
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-14
 Sampled By: Del-Tech
 Receive Date: 02/24/2009 21:20
 Sampling Date: 02/24/2009 11:04
 Sample Depth: ---
 Sample Matrix: Water

District ID:
 System Number:
 Station Number:
 Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab Quals
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363
 Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell
 Reported: 03/02/2009 11:00

0902532-14 Water Analysis (Bacteriological)

0902532-14
 COC Number: ---
 Project Number: ---
 Sampling Location: ---
 Sampling Point: MW-15
 Sampled By: Del-Tech
 Receive Date: 02/24/2009 21:20
 Sampling Date: 02/24/2009 10:10
 Sample Depth: ---
 Sample Matrix: Water
 District ID:
 System Number:
 Station Number:
 Sample Site:
 Residual Chlorine, ppm:
 Temperature, C:

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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City of Patterson
 14901 Poplar Avenue P.O. Box 667
 Patterson, CA 95363

Project: Bacteriological
 Project Number: [none]
 Project Manager: Joel Cockrell

Reported: 03/02/2009 11:00

0902532-15 Water Analysis (Bacteriological)

COC Number: ---
Project Number: ---
Sampling Location: ---
Sampling Point: MW-16
Sampled By: Del-Tech
Receive Date: 02/24/2009 21:20
Sampling Date: 02/24/2009 11:44
Sample Depth: ---
Sample Matrix: Water

District ID: ---
System Number: ---
Station Number: ---
Sample Site: ---
Residual Chlorine, ppm: ---
Temperature, C: ---

Multiple Tube Fermentation (5,5,5)

Constituent	Result	Units	Method	Analyst	Initial Dilution	Date Started	Date Completed	Lab
Total Coliform, Presumptive Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Confirmed Test	0	Positive Tubes	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	
Total Coliform, Density	< 2	MPN/100ml	SM-9221B	FBV	1	02/25/2009 09:10	02/27/2009	

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