

7-34

NELAP #02101CA ELAP#1156  
 6100 Quail Valley Court Riverside, CA 92507-0704  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr Ste 100  
 Palm Desert, CA 92260

Analytical Report: Page 1 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

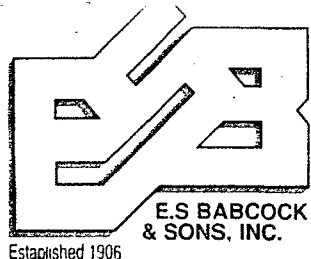
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Received	By
A3F1036-01	SS-CVSWC-2.0 Surface Water Salton Sea Nutrients	Liquid	06/23/03 14:52	Jeff Allre	06/24/03 12:45	Alexande
A3F1036-02	SS-AC-2.0 Salton Sea Nutrients	Liquid	06/23/03 13:17	Jeff Allre	06/24/03 12:45	Alexande
A3F1036-03	SS-AC-2.4 Salton Sea Nutrients	Liquid	06/23/03 13:17	Jeff Allre	06/24/03 12:45	Alexande
A3F1036-04	SS-AV76-2.0 Salton Sea Nutrients	Liquid	06/23/03 13:49	Jeff Allre	06/24/03 12:45	Alexande
A3F1036-05	SS-AV74-2.0 Salton Sea Nutrients	Liquid	06/23/03 14:20	Jeff Allre	06/24/03 12:45	Alexande



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Analytical Report: Page 2 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

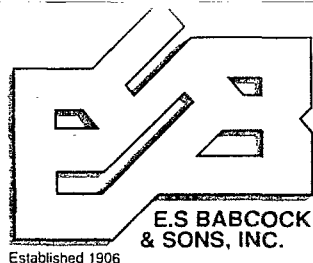
Laboratory Reference Number  
**A3F1036-01**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-CVSWC-2.0 Salton Sea Nutrients	Liquid	06/23/03 14:52	06/24/03 12:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	370	3.0 mg/L	EPA 200.7	07/02/03 11:30	lmt	
Calcium	100	1.0 mg/L	EPA 200.7	07/02/03 11:30	lmt	
Magnesium	31	1.0 mg/L	EPA 200.7	07/02/03 11:30	lmt	
<b>Anions</b>						
Total Alkalinity	190	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Bicarbonate	230	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Sulfate	430	2.5 mg/L	EPA 300.0	06/25/03 19:32	CTH	
Nitrate as N	13	0.20 mg/L	EPA 300.0	06/24/03 20:55	CTH	
<b>Solids</b>						
Total Suspended Solids	68	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	8	5 mg/L	SM 5210B	06/24/03 19:55	era	
Chemical Oxygen Demand	31	10 mg/L	SM5220D	06/27/03 16:50	cth	
Total Organic Carbon	9.0	0.70 mg/L	SM 5310B	06/27/03 18:45	la	
<b>General Physical</b>						
Turbidity	37	0.20 NTU	SM 213C B	06/24/03 17:49	era	
<b>Nutrients</b>						
Total Nitrogen	17	0.40 mg/L	EPA 351.2	07/01/03 07:43	mml	
Ammonia-Nitrogen	1.0	0.10 mg/L	SM4500NH3H	06/25/03 11:14	sll	
Nitrite as N	0.63	0.10 mg/L	SM 4500NO2 B	06/24/03 19:50	mml	

\*Reportable Detection Limit





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Analytical Report: Page 3 of 23  
 Project Name: IFB Number 79170-86 (10/1  
~~Project Number: 02-114-170-0~~  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-01**

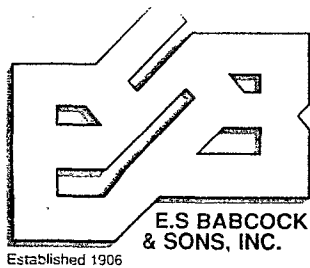
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0	Liquid	06/23/03 14:52	06/24/03 12:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	3.0	0.10 mg/L	EPA 351.2	07/01/03 07:43	sl	
Ortho Phosphate Phosphorus	0.77	0.050 mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	1.3	0.10 mg/L	SM 4500P B E	06/27/03 17:30	jme	

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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-02**

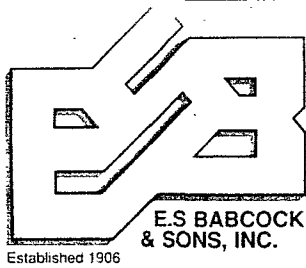
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AC-2.0 Salton Sea Nutrients	Liquid	06/23/03 13:17	06/24/03 12:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>						
Total Hardness	350	3.0 mg/L	EPA 200.7	07/02/03 11:33	lmt	
Calcium	88	1.0 mg/L	EPA 200.7	07/02/03 11:33	lmt	
Magnesium	33	1.0 mg/L	EPA 200.7	07/02/03 11:33	lmt	
<b>Anions</b>						
Total Alkalinity	170	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Bicarbonate	200	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Sulfate	380	0.50 mg/L	EPA 300.0	06/24/03 21:01	CTH	
Nitrate as N	4.1	0.20 mg/L	EPA 300.0	06/24/03 21:01	CTH	
<b>Solids</b>						
Total Suspended Solids	23	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/24/03 19:55	era	
Chemical Oxygen Demand	20	10 mg/L	SM5220D	06/27/03 16:50	cth	
Total Organic Carbon	5.8	0.70 mg/L	SM 5310B	06/27/03 18:54	la	
<b>General Physical</b>						
Turbidity	8.1	0.20 NTU	SM 2130 B	06/24/03 17:49	era	
<b>Nutrients</b>						
Total Nitrogen	6.4	0.40 mg/L	EPA 351.2	07/01/03 07:44	mml	
Ammonia-Nitrogen	0.97	0.10 mg/L	SM4500NH3H	06/25/03 11:15	slf	
Nitrite as N	0.35	0.10 mg/L	SM 4500NO2 B	06/24/03 19:50	mml	

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Analytical Report: Page 5 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003

**Work Order Number: A3F1036**

Laboratory Reference Number  
**A3F1036-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AC-2.0 Salton Sea Nutrients	Liquid	06/23/03 13:17	06/24/03 12:45

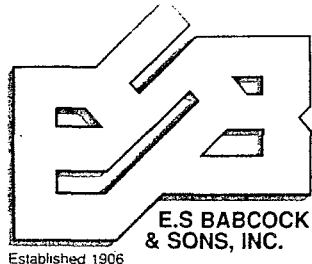
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Kjeldahl Nitrogen	1.9	0.10 mg/L	EPA 351.2	07/01/03 07:44	sll	
Ortho Phosphate Phosphorus	0.37	0.050 mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	0.64	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

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 Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-03**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-AC-2.4 Salton Sea Nutrients	Liquid	06/23/03 13:17	06/24/03 12:45

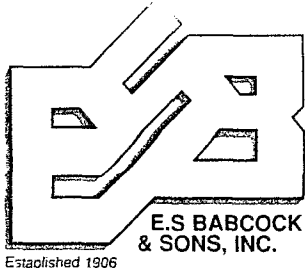
Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	ND	3.0 mg/L	EPA 200.7	07/02/03 11:34	lmt	
Calcium	ND	1.0 mg/L	EPA 200.7	07/02/03 11:34	lmt	
Magnesium	ND	1.0 mg/L	EPA 200.7	07/02/03 11:34	lmt	
<b>Anions</b>						
Total Alkalinity	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Bicarbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Sulfate	2.0	0.50 mg/L	EPA 300.0	06/24/03 21:08	CTH	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	06/24/03 21:08	CTH	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/24/03 19:55	era	
Chemical Oxygen Demand	ND	10 mg/L	SM5220D	06/27/03 16:50	cth	
Total Organic Carbon	ND	0.70 mg/L	SM 5310B	06/27/03 19:04	la	
<b>General Physical</b>						
Turbidity	ND	0.20 NTU	SM 2130 B	06/24/03 17:49	era	
<b>Nutrients</b>						
Total Nitrogen	ND	0.40 mg/L	EPA 351.2	07/01/03 07:45	mml	
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/25/03 11:15	sl	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/24/03 19:50	mml	

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Laboratory Reference Number  
**A3F1036-03**

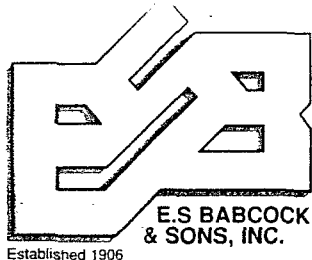
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AC-2.4	Liquid	06/23/03 13:17	06/24/03 12:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>							
Kjeldahl Nitrogen	ND	0.10	mg/L	EPA 351.2	07/01/03 07:45	sll	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	ND	0.05	mg/L	SM 4500P B E	06/26/03 17:30	jme	

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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-04**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-AV76-2.0	Liquid	06/23/03 13:49	06/24/03 12:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	630	3.0 mg/L	EPA 200.7	07/02/03 11:36	lmt	
Calcium	150	1.0 mg/L	EPA 200.7	07/02/03 11:36	lmt	
Magnesium	61	1.0 mg/L	EPA 200.7	07/02/03 11:36	lmt	
<b>Anions</b>						
Total Alkalinity	250	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Bicarbonate	310	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Sulfate	770	2.5 mg/L	EPA 300.0	06/25/03 19:42	CTH	
Nitrate as N	29	1.0 mg/L	EPA 300.0	06/25/03 19:42	CTH	N_HTh
<b>Solids</b>						
Total Suspended Solids	24	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/24/03 19:55	era	
Chemical Oxygen Demand	11	10 mg/L	SM5220D	06/27/03 16:50	cth	
Total Organic Carbon	4.8	0.70 mg/L	SM 5310B	06/27/03 19:16	la	
<b>General Physical</b>						
Turbidity	2.4	0.20 NTU	SM 2130 B	06/24/03 17:49	era	
<b>Nutrients</b>						
Total Nitrogen	29	1.2 mg/L	EPA 351.2	07/01/03 07:46	mml	
Ammonia-Nitrogen	0.15	0.10 mg/L	SM4500NH3H	06/25/03 11:16	slt	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/24/03 19:50	mml	

\*Reportable Detection Limit

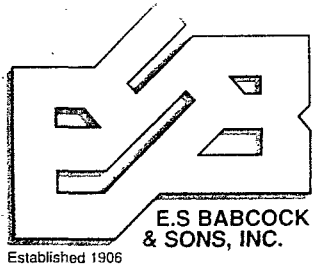


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Laboratory Reference Number  
**A3F1036-04**

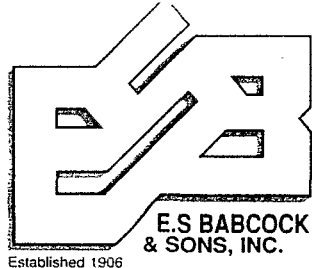
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-AV76-2.0 Salton Sea Nutrients	Liquid	06/23/03 13:49	06/24/03 12:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	0.23	0.10 mg/L	EPA 351.2	07/01/03 07:46	slj	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	0.07	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

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 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003

Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-05**

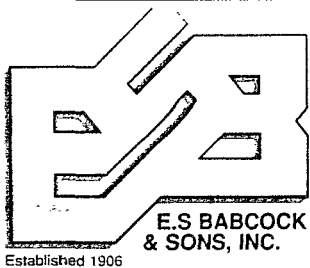
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-AV74-2.0 Salton Sea Nutrients	Liquid	06/23/03 14:20	06/24/03 12:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	410	3.0 mg/L	EPA 200.7	07/02/03 11:45	lmt	
Calcium	96	1.0 mg/L	EPA 200.7	07/02/03 11:45	lmt	
Magnesium	42	1.0 mg/L	EPA 200.7	07/02/03 11:45	lmt	
<b>Anions</b>						
Total Alkalinity	150	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Bicarbonate	180	3.0 mg/L	SM 2320B	06/26/03 19:07	era	
Sulfate	390	2.5 mg/L	EPA 300.0	06/25/03 19:51	CTH	
Nitrate as N	6.3	0.20 mg/L	EPA 300.0	06/24/03 21:22	CTH	
<b>Solids</b>						
Total Suspended Solids	12	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/24/03 19:55	era	
Chemical Oxygen Demand	ND	10 mg/L	SM5220D	06/27/03 16:50	cth	
Total Organic Carbon	5.8	0.70 mg/L	SM 5310B	06/27/03 19:38	la	
<b>General Physical</b>						
Turbidity	18	0.20 NTU	SM 2130 B	06/24/03 17:49	era	
<b>Nutrients</b>						
Total Nitrogen	7.4	0.40 mg/L	EPA 351.2	07/01/03 07:47	mml	
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/25/03 11:17	sl	
Nitrite as N	0.22	0.10 mg/L	SM 4500NO2 B	06/24/03 19:50	mml	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
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Analytical Report: Page 11 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003

Work Order Number: A3F1036

Laboratory Reference Number  
**A3F1036-05**

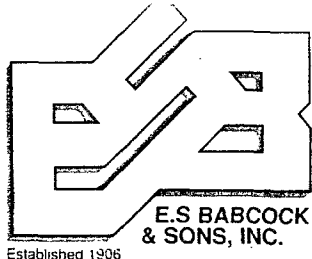
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AV74-2.0 Salton Sea Nutrients	Liquid	06/23/03 14:20	06/24/03 12:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Kjeldahl Nitrogen	0.88	0.10 mg/L	EPA 351.2	07/01/03 07:47	sl	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	0.12	0.05 mg/L	SM 4500P B E	06/27/03 17:30	jme	

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Analytical Report: Page 12 of 23  
 Project Name: IFB Number 79170-86 (10, 1  
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 Work Order Number: A3F1036

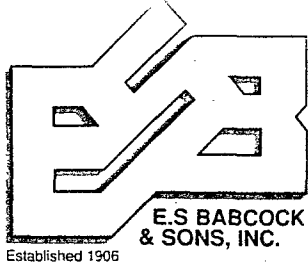
**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F25045 - EPA 3015A SOP M02A</b>										
<b>Blank (3F25045-BLK1)</b>										
				Prepared: 06/27/03 Analyzed: 07/02/03						
Calcium	ND		1.0 mg/L							
Magnesium	ND		1.0 mg/L							
<b>LCS (3F25045-BS1)</b>										
				Prepared: 06/27/03 Analyzed: 07/02/03						
Calcium	39.3		1.0 mg/L	40.1		98.0	85-115			
Magnesium	40.1		1.0 mg/L	40.1		100	85-115			
<b>Matrix Spike (3F25045-MS1)</b>										
				Source: A3F1179-09 Prepared: 06/27/03 Analyzed: 07/02/03						
Calcium	201		1.0 mg/L	40.1	140	152	70-130			QMout
Magnesium	113		1.0 mg/L	40.1	70	107	70-130			
<b>Matrix Spike Dup (3F25045-MSD1)</b>										
				Source: A3F1179-09 Prepared: 06/27/03 Analyzed: 07/02/03						
Calcium	201		1.0 mg/L	40.1	140	152	70-130	0.00	20	QMout
Magnesium	113		1.0 mg/L	40.1	70	107	70-130	0.00	20	

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Analytical Report: Page 13 of 23  
 Project Name: IFB Number 79170-86 (10/1  
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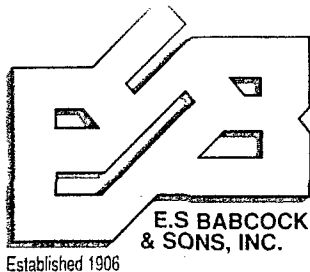
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	RPD	Flag	
					%REC	Limits	RPD	Limit	
<b>Batch 3F24057 - Analyzed as received</b>									
<b>Blank (3F24057-BLK1)</b>				Prepared & Analyzed: 06/24/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>Blank (3F24057-BLK2)</b>				Prepared & Analyzed: 06/24/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>LCS (3F24057-BS1)</b>				Prepared & Analyzed: 06/24/03					
Sulfate	94.7	0.50	mg/L	100	94.7	90-110			
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110			
<b>LCS (3F24057-BS2)</b>				Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	94.0	0.50	mg/L	100	94.0	90-110			
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110			
<b>Matrix Spike (3F24057-MS1)</b>				Source: A3F1037-01 Prepared & Analyzed: 06/24/03					
Sulfate	192	0.50	mg/L	100	78	114	85-137		
Nitrate as N	8.64	0.20	mg/L	4.52	3.8	107	80-114		
<b>Matrix Spike (3F24057-MS2)</b>				Source: A3F1059-05 Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	341	0.50	mg/L	100	230	111	85-137		
Nitrate as N	4.42	0.20	mg/L	4.52	0.20	93.4	80-114		
<b>Matrix Spike Dup (3F24057-MSD1)</b>				Source: A3F1037-01 Prepared & Analyzed: 06/24/03					
Sulfate	192	0.50	mg/L	100	78	114	85-137	0.00	
Nitrate as N	8.60	0.20	mg/L	4.52	3.8	106	80-114	0.464	
<b>Matrix Spike Dup (3F24057-MSD2)</b>				Source: A3F1059-05 Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	345	0.50	mg/L	100	230	115	85-137	1.17	
Nitrate as N	4.42	0.20	mg/L	4.52	0.20	93.4	80-114	0.00	

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Analytical Report: Page 14 of 23  
 Project Name: IFB Number 79170-86 (10/1  
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 Work Order Number: A3F1036

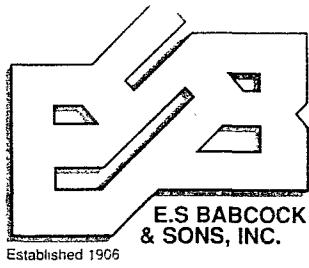
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3F25052 - Analyzed as received</b>										
<b>Blank (3F25052-BLK1)</b>				Prepared & Analyzed: 06/25/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F25052-BLK2)</b>				Prepared: 06/25/03 Analyzed: 06/26/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3F25052-BS1)</b>				Prepared & Analyzed: 06/25/03						
Sulfate	102	0.50	mg/L	100	102	90-110				
Nitrate as N	11.4	0.20	mg/L	11.3	101	90-110				
<b>LCS (3F25052-BS2)</b>				Prepared: 06/25/03 Analyzed: 06/26/03						
Sulfate	95.7	0.50	mg/L	100	95.7	90-110				
Nitrate as N	10.5	0.20	mg/L	11.3	92.9	90-110				
<b>Matrix Spike (3F25052-MS1)</b>				Source: A3F1126-01 Prepared & Analyzed: 06/25/03						
Sulfate	151	0.50	mg/L	100	38	113	85-137			
Nitrate as N	7.78	0.20	mg/L	4.52	3.0	106	80-114			
<b>Matrix Spike (3F25052-MS2)</b>				Source: A3F1157-01 Prepared: 06/25/03 Analyzed: 06/26/03						
Sulfate	366	0.50	mg/L	100	270	96.0	85-137			
Nitrate as N	4.86	0.20	mg/L	4.52	0.97	86.1	80-114			
<b>Matrix Spike Dup (3F25052-MSD1)</b>				Source: A3F1126-01 Prepared & Analyzed: 06/25/03						
Sulfate	152	0.50	mg/L	100	38	114	85-137	0.660	20	
Nitrate as N	7.64	0.20	mg/L	4.52	3.0	103	80-114	1.82	20	
<b>Matrix Spike Dup (3F25052-MSD2)</b>				Source: A3F1157-01 Prepared: 06/25/03 Analyzed: 06/26/03						
Sulfate	346	0.50	mg/L	100	270	76.0	85-137	5.62	20	QMSD
Nitrate as N	5.09	0.20	mg/L	4.52	0.97	91.2	80-114	4.62	20	

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Analytical Report: Page 15 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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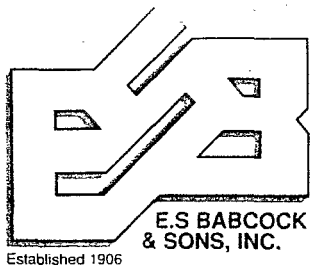
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26022 - Analyzed as received</b>										
<b>Blank (3F26022-BLK1)</b> Prepared & Analyzed: 06/26/03										
Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							
<b>LCS (3F26022-BS1)</b> Prepared & Analyzed: 06/26/03										
Total Alkalinity	471	3.0	mg/L	471		100	90-110			
Carbonate	275	3.0	mg/L	268		103	90-110			
<b>Duplicate (3F26022-DUP1)</b> Source: A3F1036-03 Prepared & Analyzed: 06/26/03										
Total Alkalinity	ND	3.0	mg/L		ND				10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	ND	3.0	mg/L		ND				10	
<b>Duplicate (3F26022-DUP2)</b> Source: A3F1168-06 Prepared & Analyzed: 06/26/03										
Total Alkalinity	323	3.0	mg/L		320			0.933	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	394	3.0	mg/L		390			1.02	10	

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Analytical Report: Page 16 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0

Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD Limit	Flag
<b>Batch 3F25014 - Analyzed as received</b>									
<b>Blank (3F25014-BLK1)</b>									
Total Suspended Solids	ND	5	mg/L						
<b>Blank (3F25014-BLK2)</b>									
Total Suspended Solids	ND	5	mg/L						
<b>LCS (3F25014-BS1)</b>									
Total Suspended Solids	476	10	mg/L	500		95.2	90-110		
<b>LCS (3F25014-BS2)</b>									
Total Suspended Solids	516	10	mg/L	500		103	90-110		
<b>Duplicate (3F25014-DUP1)</b>									
Total Suspended Solids	306	20	mg/L		290			5.37	25
<b>Duplicate (3F25014-DUP2)</b>									
Total Suspended Solids	412	40	mg/L		400			2.96	25
<b>Duplicate (3F25014-DUP3)</b>									
Total Suspended Solids	268	20	mg/L		250			6.95	25
<b>Duplicate (3F25014-DUP4)</b>									
Total Suspended Solids	304	20	mg/L		270			11.8	25

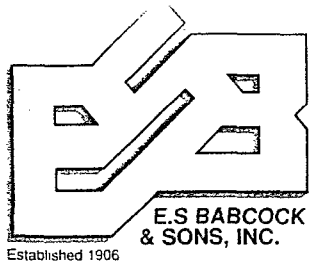
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**Aggregate Organic Compounds - Batch Quality Control**

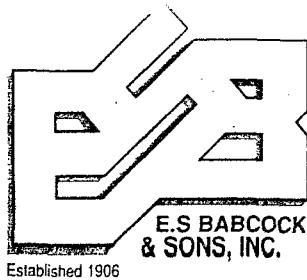
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3F24062 - Analyzed as received</b>										
<b>Blank (3F24062-BLK1)</b>				Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3F24062-BLK2)</b>				Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>LCS (3F24062-BS1)</b>				Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	215		5 mg/L	200	108		85-115			
<b>LCS (3F24062-BS2)</b>				Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	210		5 mg/L	200	105		85-115			
<b>Duplicate (3F24062-DUP1)</b>				Source: A3F1026-01 Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	360		5 mg/L		360			0.00	20	
<b>Duplicate (3F24062-DUP2)</b>				Source: A3F1070-02 Prepared & Analyzed: 06/24/03						
Biochemical Oxygen Demand	230		5 mg/L		220			4.44	20	
<b>Batch 3F27024 - Analyzed as received</b>										
<b>Blank (3F27024-BLK1)</b>				Prepared & Analyzed: 06/27/03						
Total Organic Carbon	ND		0.70 mg/L							
<b>LCS (3F27024-BS1)</b>				Prepared & Analyzed: 06/27/03						
Total Organic Carbon	4.35		0.70 mg/L	4.00	109		90-110			
<b>Matrix Spike (3F27024-MS1)</b>				Source: A3F1056-01 Prepared & Analyzed: 06/27/03						
Total Organic Carbon	119		3.5 mg/L	20.0	100	95.0	80-120			

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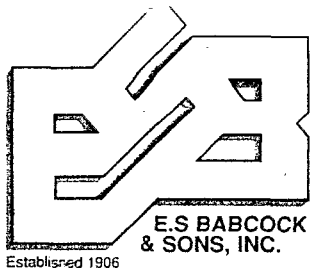
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27024 - Analyzed as received</b>										
<b>Matrix Spike Dup (3F27024-MSD1)</b>				<b>Source: A3F1056-01</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>				
Total Organic Carbon	109	3.5	mg/L	20.0	100	45.0	80-120	8.77	10	QM-4X
<b>Batch 3F27030 - Analyzed as received</b>										
<b>LCS (3F27030-BS1)</b>				<b>Prepared &amp; Analyzed: 06/27/03</b>						
Chemical Oxygen Demand	242	10	mg/L	250	36	96.8	90-110			
<b>Matrix Spike (3F27030-MS1)</b>				<b>Source: A3F1230-01</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>				
Chemical Oxygen Demand	274	20	mg/L	250	36	95.2	80-120			
<b>Matrix Spike Dup (3F27030-MSD1)</b>				<b>Source: A3F1230-01</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>				
Chemical Oxygen Demand	268	20	mg/L	250	36	92.8	80-120	2.21	20	

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**General Physical - Batch Quality Control**

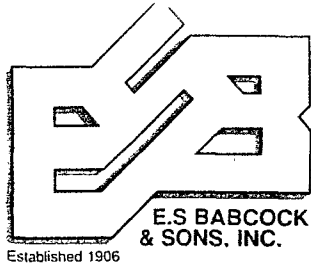
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3F24052 - Analyzed as received</b>										
<b>Blank (3F24052-BLK1)</b>				Prepared & Analyzed: 06/24/03						
Turbidity	ND	0.20	NTU							
<b>LCS (3F24052-BS1)</b>				Prepared & Analyzed: 06/24/03						
Turbidity	0.887	0.20	NTU	0.850		104	90-110			
<b>Duplicate (3F24052-DUP1)</b>				Source: A3F1025-01 Prepared & Analyzed: 06/24/03						
Turbidity	5.57	0.20	NTU		5.6			0.537	20	
<b>Duplicate (3F24052-DUP2)</b>				Source: A3F1059-01 Prepared & Analyzed: 06/24/03						
Turbidity	1.02	0.20	NTU		1.0			1.98	20	

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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3F24063 - Analyzed as received</b>										
<b>LCS (3F24063-BS1)</b>				Prepared & Analyzed: 06/24/03						
Nitrite as N	1.01	0.10	mg/L	1.00		101	90-110			
<b>Matrix Spike (3F24063-MS1)</b>				Source: A3F1014-01 Prepared & Analyzed: 06/24/03						
Nitrite as N	1.06	0.10	mg/L	1.00	0.060	100	80-120			
<b>Matrix Spike Dup (3F24063-MSD1)</b>				Source: A3F1014-01 Prepared & Analyzed: 06/24/03						
Nitrite as N	1.06	0.10	mg/L	1.00	0.060	100	80-120	0.00	20	
<b>Batch 3F25003 - Analyzed as received</b>										
<b>Blank (3F25003-BLK1)</b>				Prepared & Analyzed: 06/25/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F25003-BS1)</b>				Prepared & Analyzed: 06/25/03						
Ammonia-Nitrogen	0.785	0.10	mg/L	0.780		101	90-110			
<b>Matrix Spike (3F25003-MS1)</b>				Source: A3F0999-01 Prepared & Analyzed: 06/25/03						
Ammonia-Nitrogen	1.06	0.10	mg/L	0.780	0.39	85.9	80-120			
<b>Matrix Spike Dup (3F25003-MSD1)</b>				Source: A3F0999-01 Prepared & Analyzed: 06/25/03						
Ammonia-Nitrogen	1.10	0.10	mg/L	0.780	0.39	91.0	80-120	3.70	20	
<b>Batch 3F25017 - Analyzed as received</b>										
<b>LCS (3F25017-BS1)</b>				Prepared & Analyzed: 06/25/03						
Ortho Phosphate Phosphorus	0.512	0.050	mg/L	0.500		102	90-110			

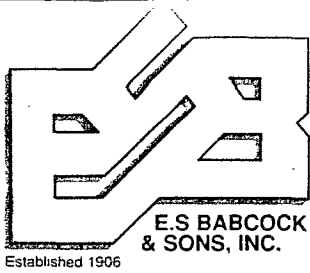
\*Reportable Detection Limit

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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 21 of 23  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-Q  
 Report Date: 03-Jul-2003  
 Work Order Number: A3F1036

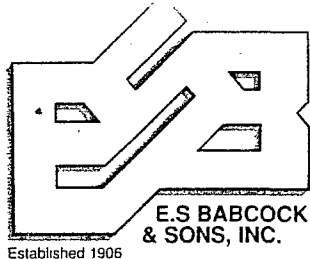
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F25017 - Analyzed as received</b>										
<b>Matrix Spike (3F25017-MS1)</b> Source: A3F0999-08 Prepared & Analyzed: 06/25/03										
Ortho Phosphate Phosphorus	0.821	0.050	mg/L	0.500	0.36	92.2	80-120			
<b>Matrix Spike Dup (3F25017-MSD1)</b> Source: A3F0999-08 Prepared & Analyzed: 06/25/03										
Ortho Phosphate Phosphorus	0.837	0.050	mg/L	0.500	0.36	95.4	80-120	1.93	20	
<b>Batch 3F26033 - Acid Digest</b>										
<b>LCS (3F26033-BS1)</b> Prepared & Analyzed: 06/26/03										
Total Phosphorus	0.515	0.05	mg/L	0.500		103	90-110			
<b>Matrix Spike (3F26033-MS1)</b> Source: A3F0999-01 Prepared & Analyzed: 06/26/03										
Total Phosphorus	0.548	0.05	mg/L	0.500	0.04	102	80-120			
<b>Matrix Spike Dup (3F26033-MSD1)</b> Source: A3F0999-01 Prepared & Analyzed: 06/26/03										
Total Phosphorus	0.548	0.05	mg/L	0.500	0.04	102	80-120	0.00	20	
<b>Batch 3F27013 - Analyzed as received</b>										
<b>Blank (3F27013-BLK1)</b> Prepared: 06/27/03 Analyzed: 07/01/03										
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>Blank (3F27013-BLK2)</b> Prepared: 06/27/03 Analyzed: 07/01/03										
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>LCS (3F27013-BS1)</b> Prepared: 06/27/03 Analyzed: 07/01/03										
Kjeldahl Nitrogen	0.997	0.10	mg/L	1.00		99.7	80-120			

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7

Analytical Report: Page 22 of 23

Contact: Teresa Gonzales

Project Name: IFB Number 79170-86 (10/1

Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Project Number: 02-114-170-0

Report Date: 03-Jul-2003

Work Order Number: A3F1036

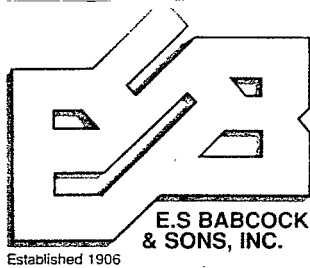
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27013 - Analyzed as received</b>										
<b>LCS (3F27013-BS2)</b>				Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.04	0.10	mg/L	1.00		104	80-120			
<b>Matrix Spike (3F27013-MS1)</b>				Source: A3F0999-04 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.09	0.10	mg/L	1.00	ND	109	50-145			
<b>Matrix Spike (3F27013-MS2)</b>				Source: A3F1037-01 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	2.16	0.10	mg/L	1.00	1.0	116	50-145			
<b>Matrix Spike Dup (3F27013-MSD1)</b>				Source: A3F0999-04 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.21	0.10	mg/L	1.00	ND	121	50-145	10.4	25	
<b>Matrix Spike Dup (3F27013-MSD2)</b>				Source: A3F1037-01 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	2.66	0.10	mg/L	1.00	1.0	166	50-145	20.7	25	QMSD
<b>Batch 3F27038 - Acid Digest</b>										
<b>LCS (3F27038-BS1)</b>				Prepared & Analyzed: 06/27/03						
Total Phosphorus	0.519	0.05	mg/L	0.500		104	90-110			
<b>Matrix Spike (3F27038-MS1)</b>				Source: A3F1036-05 Prepared & Analyzed: 06/27/03						
Total Phosphorus	0.609	0.05	mg/L	0.500	0.12	97.8	80-120			
<b>Matrix Spike Dup (3F27038-MSD1)</b>				Source: A3F1036-05 Prepared & Analyzed: 06/27/03						
Total Phosphorus	0.633	0.05	mg/L	0.500	0.12	103	80-120	3.86	20	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 23 of 23  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 03-Jul-2003

Work Order Number: A3F1036

### Notes and Definitions

- N\_HTh Original sample was run within holding time. Sample diluted and reanalyzed outside of EPA recommended holding time due to high original result.
- QM-4X Recoveries for the MS and/or MSD did not meet laboratory acceptance criteria due to analyte concentration greater than or equal to 4 times the spike concentration.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



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Chain of Custody & Sample Information Record

Client: CRAWFORD R7 Contact: DAUG WYLIE Phone No. (760) 246-6585

Project Name: SALTON SEA NUTRIENTS Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
 Project Location: SALTON SEA

(Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Total # of Containers	Analysis Requested										Matrix	Notes					
Name:	Employer:	Signature:	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> SO <sub>3</sub>	NaOH	AMMONIA-N		TKN	TOTAL PHOSPHORUS	ORTHOPHOSPHATE	BOD TOC COO	SULFATE	TSS TURBIDITY	HARDNESS	ALKALINITY	DW = Drinking Water	WW = Wastewater			GW = Groundwater	S = Sol	SG = Sludge	L = Liquid	M = Miscellaneous
ESB #	Sample ID	Date	Time																								
2	SS-AC-2.0 (33 SC)	6/23/03	1:17 pm	1	2	1																				Surface Water	
3	SS-AC-2.4 (37.40)		1:17 pm	1	2	1																					
4	SS-AN76-2.0 (41.44)		1:44 pm	1	2	1																					
5	SS-AN74-2.0 (45.48)		2:20 pm	1	2	1																					
1	SS-CV51AC-2.0 (41. )		2:52 pm	1	2	1																					

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<i>Jeff Allard</i>	Jeff Allard / CRAWFORD R7	06/24/03 7:30	<i>Alexander...</i>	Alexander... / CRAWFORD R7
<i>DAUG WYLIE</i>	DAUG WYLIE / CRAWFORD R7	06/24/03 12:41	<i>DAUG WYLIE</i>	DAUG WYLIE / CRAWFORD R7

(For Lab Use Only) Sample Integrity Upon Receipt

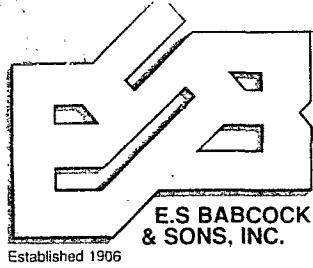
Sample(s) Submitted on Ice? Yes  No  Temperature 3 °C

Custody Seal(s) Intact? Yes  No  N/A

Sample(s) Intact? Yes  No

Lab No: A3F1036AB  
 Page 1 of 1





7-35

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www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 28  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 17-Jun-2003  
**Work Order Number: A3E1267**

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

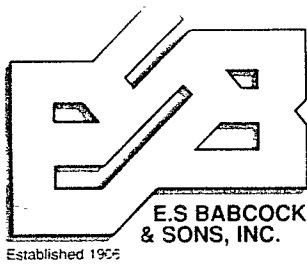
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3E1267-01	SS-CVSWC-2.0 Salton Sea Nutrients	Liquid	05/29/03 09:30	Jeff Allre	05/30/03 08:45	Alexande
A3E1267-02	SS-CVSWC-2.1 Salton Sea Nutrients	Liquid	05/29/03 07:30	Jeff Allre	05/30/03 08:45	Alexande
A3E1267-03	SS-ARO-2.0 Salton Sea Nutrients	Liquid	05/29/03 10:25	Jeff Allre	05/30/03 08:45	Alexande
A3E1267-04	SS-NRO-2.0 Salton Sea Nutrients	Liquid	05/29/03 13:15	Jeff Allre	05/30/03 08:45	Alexande
A3E1267-05	SS-NRO-2.4 Salton Sea Nutrients	Liquid	05/29/03 13:15	Jeff Allre	05/30/03 08:45	Alexande



JUN 19 2003



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-01**

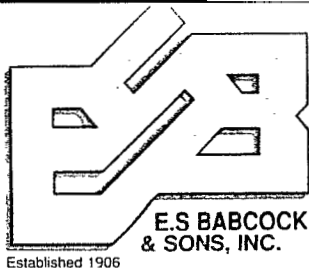
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0	Liquid	05/29/03 09:30	05/30/03 8:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	370	3.0 mg/L	EPA 200.7	06/06/03 14:31	lmt	
Calcium	100	1.0 mg/L	EPA 200.7	06/06/03 14:31	lmt	
Magnesium	28	1.0 mg/L	EPA 200.7	06/06/03 14:31	lmt	
<b>Anions</b>						
Total Alkalinity	190	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Carbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Bicarbonate	230	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Sulfate	400	0.50 mg/L	EPA 300.0	05/31/03 01:00	KOS	
Nitrate as N	10	0.20 mg/L	EPA 300.0	05/31/03 01:00	KOS	
<b>Solids</b>						
Total Suspended Solids	160	5 mg/L	SM 2540D	06/02/03 15:58	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	10 mg/L	SM 5210B	05/30/03 18:36	cth	
Chemical Oxygen Demand	47	10 mg/L	SM5220D	06/02/03 17:46	cth	
Total Organic Carbon	8.9	0.70 mg/L	SM 5310B	06/03/03 22:50	jme	
<b>General Physical</b>						
Turbidity	67	0.20 NTU	SM 2130 B	05/30/03 19:37	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	1.4	0.10 mg/L	SM4500NH3H	06/03/03 11:22	sll	
Nitrite as N	0.74	0.10 mg/L	SM 4500NO2 B	05/30/03 19:10	mml	
Kjeldahl Nitrogen	3.3	0.10 mg/L	EPA 351.2	06/04/03 07:44	sll	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr, Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-01**

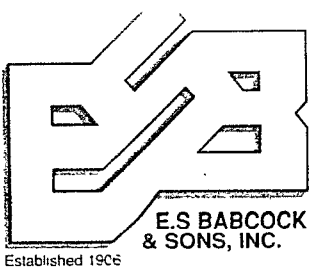
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0	Liquid	05/29/03 09:30	05/30/03 8:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Total Nitrogen	14	0.2 mg/L	Calculation	06/03/03 08:05	saf	
Ortho Phosphate Phosphorus	0.78	0.050 mg/L	SM 4500P E	05/30/03 22:42	tlh	
Total Phosphorus	1.6	0.10 mg/L	SM 4500P B E	06/03/03 13:00	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-02**

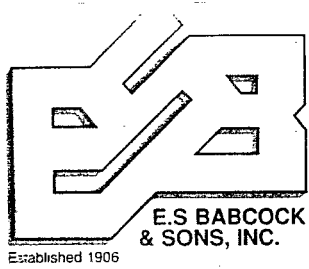
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-CVSWC-2.1 Salton Sea Nutrients	Liquid	05/29/03 07:30	05/30/03 8:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	370	3.0 mg/L	EPA 200.7	06/06/03 14:33	lmt	
Calcium	100	1.0 mg/L	EPA 200.7	06/06/03 14:33	lmt	
Magnesium	28	1.0 mg/L	EPA 200.7	06/06/03 14:33	lmt	
<b>Anions</b>						
Total Alkalinity	190	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Carbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Bicarbonate	240	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Sulfate	400	0.50 mg/L	EPA 300.0	05/31/03 01:08	KOS	
Nitrate as N	10	0.20 mg/L	EPA 300.0	05/31/03 01:08	KOS	
<b>Solids</b>						
Total Suspended Solids	150	10 mg/L	SM 2540D	06/02/03 15:58	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	10 mg/L	SM 5210B	05/30/03 18:36	cth	
Chemical Oxygen Demand	53	10 mg/L	SM5220D	06/02/03 17:46	cth	
Total Organic Carbon	9.1	0.70 mg/L	SM 5310B	06/09/03 19:05	jme	
<b>General Physical</b>						
Turbidity	71	0.20 NTU	SM 2130 B	05/30/03 19:37	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	1.3	0.10 mg/L	SM4500NH3H	06/03/03 11:23	sil	
Nitrite as N	0.76	0.10 mg/L	SM 4500NO2 B	05/30/03 15:30	mml	
Kjeldahl Nitrogen	3.3	0.10 mg/L	EPA 351.2	06/04/03 07:47	sil	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-02**

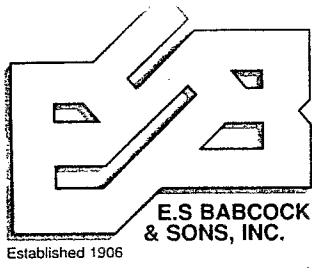
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.1 Salton Sea Nutrients	Liquid	05/29/03 07:30	05/30/03 8:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Total Nitrogen	14	0.2 mg/L	Calculation	06/03/03 08:05	saf	
Ortho Phosphate Phosphorus	0.78	0.050 mg/L	SM 4500P E	05/30/03 22:42	tth	
Total Phosphorus	1.6	0.10 mg/L	SM 4500P B E	06/03/03 13:00	hga	

\*Reportable Detection Limit



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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 6 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003

**Work Order Number: A3E1267**

Laboratory Reference Number  
**A3E1267-03**

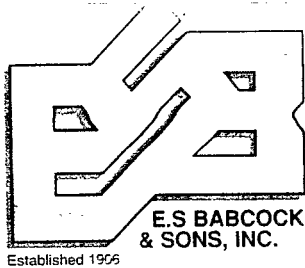
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ARO-2.0	Liquid	05/29/03 10:25	05/30/03 8:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	740	3.0 mg/L	EPA 200.7	06/06/03 14:36	lmt	
Calcium	170	1.0 mg/L	EPA.200.7	06/06/03 14:36	lmt	
Magnesium	79	1.0 mg/L	EPA 200.7	06/06/03 14:36	lmt	
<b>Anions</b>						
Total Alkalinity	220	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Carbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Bicarbonate	270	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Sulfate	630	2.5 mg/L	EPA 300.0	06/03/03 19:27	CTH	
Nitrate as N	3.5	0.20 mg/L	EPA 300.0	05/31/03 01:16	KOS	
<b>Solids</b>						
Total Suspended Solids	350	20 mg/L	SM 2540D	06/02/03 15:58	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	10 mg/L	SM 5210B	05/30/03 18:36	cth	
Chemical Oxygen Demand	38	10 mg/L	SM5220D	06/02/03 17:46	cth	
Total Organic Carbon	8.9	0.70 mg/L	SM 5310B	06/09/03 19:18	jme	
<b>General Physical</b>						
Turbidity	190	0.20 NTU	SM 2130 B	05/30/03 19:37	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	1.5	0.10 mg/L	SM4500NH3H	06/03/03 11:24	sil	
Nitrite as N	0.72	0.10 mg/L	SM 4500NO2 B	05/30/03 19:10	mml	
Kjeldahl Nitrogen	3.5	0.10 mg/L	EPA 351.2	06/04/03 07:48	sil	

\*Reportable Detection Limit



JUN 17 2003



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 7 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-03**

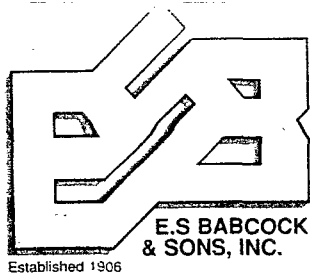
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ARO-2.0	Liquid	05/29/03 10:25	05/30/03 8:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Total Nitrogen	7.7	0.2 mg/L	Calculation	06/03/03 08:05	saf	
Ortho Phosphate Phosphorus	0.28	0.050 mg/L	SM 4500P E	05/30/03 22:42	tlh	
Total Phosphorus	0.94	0.10 mg/L	SM 4500P B E	06/03/03 13:00	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 8 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.0	Liquid	05/29/03 13:15	05/30/03 8:45
Salton Sea Nutrients			

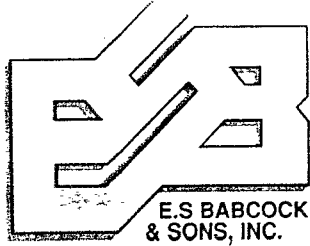
Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	800	3.0 mg/L	EPA 200.7	06/06/03 14:42	lmt	
Calcium	180	1.0 mg/L	EPA 200.7	06/06/03 14:42	lmt	
Magnesium	84	1.0 mg/L	EPA 200.7	06/06/03 14:42	lmt	
<b>Anions</b>						
Total Alkalinity	260	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Carbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Bicarbonate	320	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Sulfate	650	2.5 mg/L	EPA 300.0	06/03/03 19:34	CTH	
Nitrate as N	1.1	0.20 mg/L	EPA 300.0	05/31/03 01:23	KOS	
<b>Solids</b>						
Total Suspended Solids	260	10 mg/L	SM 2540D	06/02/03 19:54	imm	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	10 mg/L	SM 5210B	05/30/03 18:36	cth	
Chemical Oxygen Demand	62	10 mg/L	SM5220D	06/02/03 17:46	cth	
Total Organic Carbon	11	0.70 mg/L	SM 5310B	06/09/03 19:30	jme	
<b>General Physical</b>						
Turbidity	170	0.20 NTU	SM 2130 B	05/30/03 19:37	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	3.3	0.10 mg/L	SM4500NH3H	06/03/03 11:25	sl	
Nitrite as N	0.32	0.10 mg/L	SM 4500NO2 B	05/30/03 19:10	mm	
Kjeldahl Nitrogen	5.8	0.20 mg/L	EPA 351.2	06/04/03 08:32	sl	

\*Reportable Detection Limit



JUN 19 2003





Established 1906

E.S. BABCOCK & SONS, INC.

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Client Name: Regional Water Quality C B #7  
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Address: 73-720 Fred Waring Dr Ste 100  
Palm Desert, CA 92260

Analytical Report: Page 9 of 28  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 17-Jun-2003  
Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-04**

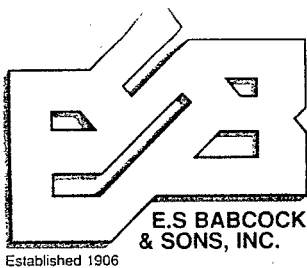
Sample Description                      Matrix                      Sampled Date/Time                      Received Date/Time  
SS-NRO-2.0                                  Liquid                                  05/29/03 13:15                                  05/30/03 8:45  
Salton Sea Nutrients

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Total Nitrogen	7.2	0.2 mg/L	Calculation	06/03/03 08:05	saf	
Ortho Phosphate Phosphorus	0.59	0.050 mg/L	SM 4500P E	05/30/03 22:42	tth	
Total Phosphorus	1.8	0.50 mg/L	SM 4500P B E	06/16/03 12:30	hga	

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JUN 18 2003



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr, Ste. 100  
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Analytical Report: Page 10 of 28  
 Project Name: IFB Number 79170-86 (10 1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-05**

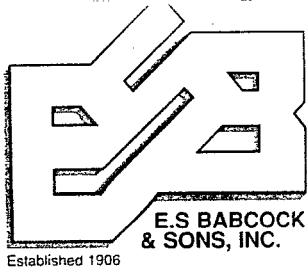
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4	Liquid	05/29/03 13:15	05/30/03 8:45
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	ND	3.0 mg/L	EPA 200.7	06/06/03 14:45	lmt	
Calcium	ND	1.0 mg/L	EPA 200.7	06/06/03 14:45	lmt	
Magnesium	ND	1.0 mg/L	EPA 200.7	06/06/03 14:45	lmt	
<b>Anions</b>						
Total Alkalinity	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Carbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Bicarbonate	ND	3.0 mg/L	SM 2320B	05/30/03 19:54	era	
Sulfate	1.0	0.50 mg/L	EPA 300.0	05/31/03 01:31	KOS	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	05/31/03 01:31	KOS	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/02/03 19:54	imm	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	05/30/03 18:36	cth	
Chemical Oxygen Demand	ND	10 mg/L	SM5220D	06/02/03 17:46	cth	
Total Organic Carbon	2.2	0.70 mg/L	SM 5310B	06/09/03 19:39	jme	
<b>General Physical</b>						
Turbidity	ND	0.20 NTU	SM 2130 B	05/30/03 19:37	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/03/03 11:26	sll	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	05/30/03 19:10	mmml	
Kjeldahl Nitrogen	0.25	0.10 mg/L	EPA 351.2	06/04/03 07:50	sll	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 11 of 28  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 17-Jun-2003  
Work Order Number: A3E1267

Laboratory Reference Number  
**A3E1267-05**

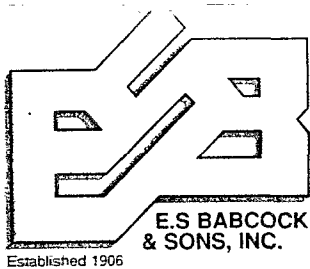
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4 Salton Sea Nutrients	Liquid	05/29/03 13:15	05/30/03 8:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Total Nitrogen	0.3	0.2 mg/L	Calculation	06/03/03 08:05	saf	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	05/30/03 22:42	tjh	
Total Phosphorus	ND	0.05 mg/L	SM 4500P B E	06/16/03 12:30	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 12 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

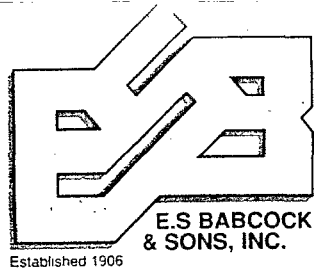
**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3F03005 - EPA 3015</b>										
<b>Blank (3F03005-BLK1)</b>				Prepared: 06/04/03 Analyzed: 06/06/03						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	mg/L							
<b>LCS (3F03005-BS1)</b>				Prepared: 06/04/03 Analyzed: 06/06/03						
Calcium	40.1	1.0	mg/L	40.1		100	85-115			
Magnesium	40.7	1.0	mg/L	40.1		101	85-115			
<b>Matrix Spike (3F03005-MS1)</b>				Source: A3F0036-03 Prepared: 06/04/03 Analyzed: 06/06/03						
Calcium	81.7	1.0	mg/L	40.1	39	106	70-130			
Magnesium	54.8	1.0	mg/L	40.1	13	104	70-130			
<b>Matrix Spike Dup (3F03005-MSD1)</b>				Source: A3F0036-03 Prepared: 06/04/03 Analyzed: 06/06/03						
Calcium	82.4	1.0	mg/L	40.1	39	108	70-130	0.853	20	
Magnesium	55.5	1.0	mg/L	40.1	13	106	70-130	1.27	20	

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 Palm Desert, CA 92260

Analytical Report: Page 13 of 28

Project Name: IFB Number 79170-86 (10/1

Project Number: 02-114-170-0

Report Date: 17-Jun-2003

Work Order Number: A3E1267

**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Flag
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**Batch 3E30023 - Analyzed as received**

**Blank (3E30023-BLK1)**

Prepared & Analyzed: 05/30/03

Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							

**LCS (3E30023-BS1)**

Prepared & Analyzed: 05/30/03

Total Alkalinity	463	3.0	mg/L	471		98.3	90-110			
Carbonate	271	3.0	mg/L	268		101	90-110			

**Duplicate (3E30023-DUP1)**

Source: A3E1264-02

Prepared & Analyzed: 05/30/03

Total Alkalinity	218	3.0	mg/L		210			3.74	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	266	3.0	mg/L		260			2.28	10	

**Duplicate (3E30023-DUP2)**

Source: A3E1278-02

Prepared & Analyzed: 05/30/03

Total Alkalinity	140	3.0	mg/L		140			0.00	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	171	3.0	mg/L		170			0.587	10	

**Batch 3E30032 - Analyzed as received**

**Blank (3E30032-BLK1)**

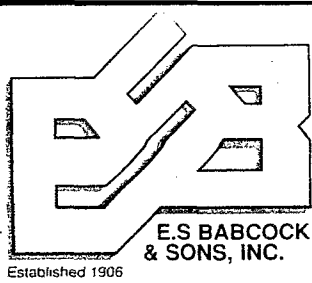
Prepared: 05/30/03 Analyzed: 05/31/03

Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							

\*Reportable Detection Limit



JUN 19 2003



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Analytical Report: Page 14 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

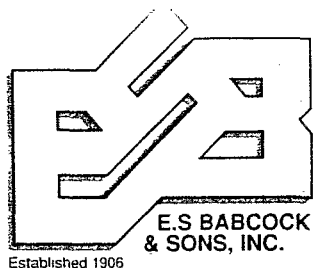
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Flag
<b>Batch 3E30032 - Analyzed as received</b>									
<b>Blank (3E30032-BLK2)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>Blank (3E30032-BLK3)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>Blank (3E30032-BLK4)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>LCS (3E30032-BS1)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	97.7	0.50	mg/L	100	97.7	90-110			
Nitrate as N	11.5	0.20	mg/L	11.3	102	90-110			
<b>LCS (3E30032-BS2)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	97.5	0.50	mg/L	100	97.5	90-110			
Nitrate as N	11.5	0.20	mg/L	11.3	102	90-110			
<b>LCS (3E30032-BS3)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	97.2	0.50	mg/L	100	97.2	90-110			
Nitrate as N	11.4	0.20	mg/L	11.3	101	90-110			
<b>LCS (3E30032-BS4)</b>				Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	96.6	0.50	mg/L	100	96.6	90-110			
Nitrate as N	11.3	0.20	mg/L	11.3	100	90-110			
<b>Matrix Spike (3E30032-MS1)</b>				Source: A3E1275-09 Prepared: 05/30/03 Analyzed: 05/31/03					
Sulfate	707	0.50	mg/L	100	640	67.0	85-137		QM-4X
Nitrate as N	4.60	0.20	mg/L	4.52	0.34	94.2	80-114		

\*Reportable Detection Limit



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Analytical Report: Page 15 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003

Work Order Number: A3E1267

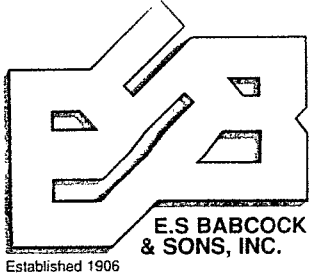
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E30032 - Analyzed as received</b>										
<b>Matrix Spike (3E30032-MS2)</b>		<b>Source: A3E1275-25</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	663	0.50	mg/L	100	580	83.0	85-137			QM-4X
Nitrate as N	5.19	0.20	mg/L	4.52	0.63	101	80-114			
<b>Matrix Spike (3E30032-MS3)</b>		<b>Source: A3E1314-04</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	636	0.50	mg/L	100	510	126	85-137			
Nitrate as N	4.39	0.20	mg/L	4.52	ND	97.1	80-114			
<b>Matrix Spike (3E30032-MS4)</b>		<b>Source: A3E1323-03</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	222	0.50	mg/L	100	82	140	85-137			QFnt, QMour
Nitrate as N	32.0	0.20	mg/L	4.52	29	66.4	80-114			QM-4X
<b>Matrix Spike Dup (3E30032-MSD1)</b>		<b>Source: A3E1275-09</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	707	0.50	mg/L	100	640	67.0	85-137	0.00	20	QM-4X
Nitrate as N	4.58	0.20	mg/L	4.52	0.34	93.8	80-114	0.436	20	
<b>Matrix Spike Dup (3E30032-MSD2)</b>		<b>Source: A3E1275-25</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	663	0.50	mg/L	100	580	83.0	85-137	0.00	20	QM-4X
Nitrate as N	5.16	0.20	mg/L	4.52	0.63	100	80-114	0.580	20	
<b>Matrix Spike Dup (3E30032-MSD3)</b>		<b>Source: A3E1314-04</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	638	0.50	mg/L	100	510	128	85-137	0.314	20	
Nitrate as N	4.44	0.20	mg/L	4.52	ND	98.2	80-114	1.13	20	
<b>Matrix Spike Dup (3E30032-MSD4)</b>		<b>Source: A3E1323-03</b>		Prepared: 05/30/03		Analyzed: 05/31/03				
Sulfate	222	0.50	mg/L	100	82	140	85-137	0.00	20	QFnt, QMour
Nitrate as N	32.0	0.20	mg/L	4.52	29	66.4	80-114	0.00	20	QM-4X

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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 16 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

**Anions - Batch Quality Control**

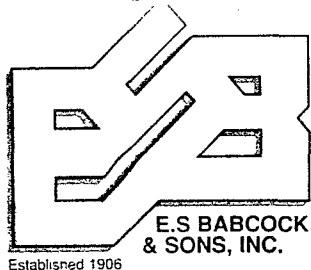
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Flag
<b>Batch 3F03051 - Analyzed as received</b>										
<b>Blank (3F03051-BLK1)</b>	Prepared & Analyzed: 06/03/03									
Sulfate	ND	0.50	mg/L							
<b>Blank (3F03051-BLK2)</b>	Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	ND	0.50	mg/L							
<b>Blank (3F03051-BLK3)</b>	Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	ND	0.50	mg/L							
<b>LCS (3F03051-BS1)</b>	Prepared & Analyzed: 06/03/03									
Sulfate	98.3	0.50	mg/L	100		98.3	90-110			
<b>LCS (3F03051-BS2)</b>	Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	98.1	0.50	mg/L	100		98.1	90-110			
<b>LCS (3F03051-BS3)</b>	Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	98.4	0.50	mg/L	100		98.4	90-110			
<b>Matrix Spike (3F03051-MS1)</b>	Source: A3F0043-03 Prepared & Analyzed: 06/03/03									
Sulfate	255	0.50	mg/L	100	120	135	85-137			
<b>Matrix Spike (3F03051-MS2)</b>	Source: A3F0058-01 Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	215	0.50	mg/L	100	80	135	85-137			
<b>Matrix Spike (3F03051-MS3)</b>	Source: A3F0116-01 Prepared: 06/03/03 Analyzed: 06/04/03									
Sulfate	208	0.50	mg/L	100	71	137	85-137			
<b>Matrix Spike Dup (3F03051-MSD1)</b>	Source: A3F0043-03 Prepared & Analyzed: 06/03/03									
Sulfate	255	0.50	mg/L	100	120	135	85-137	0.00	20	

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Analytical Report: Page 17 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

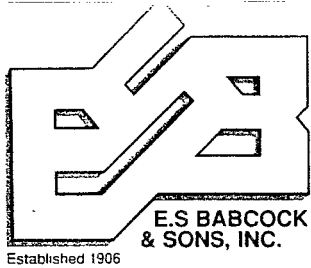
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F03051 - Analyzed as received</b>										
<b>Matrix Spike Dup (3F03051-MSD2)</b> <b>Source: A3F0058-01</b> Prepared: 06/03/03      Analyzed: 06/04/03										
Sulfate	216	0.50	mg/L	100	80	136	85-137	0.464	20	
<b>Matrix Spike Dup (3F03051-MSD3)</b> <b>Source: A3F0116-01</b> Prepared: 06/03/03      Analyzed: 06/04/03										
Sulfate	208	0.50	mg/L	100	71	137	85-137	0.00	20	

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Analytical Report: Page 18 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

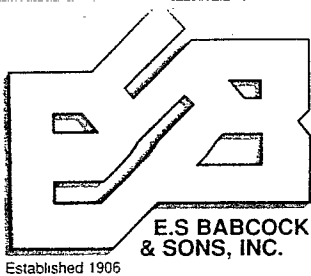
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3F02015 - Analyzed as received</b>										
<b>Blank (3F02015-BLK1)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3F02015-BLK2)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3F02015-BS1)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	481	10 mg/L		500		96.2	90-110			
<b>LCS (3F02015-BS2)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	489	10 mg/L		500		97.8	90-110			
<b>Duplicate (3F02015-DUP1)</b>				Source: A3E1271-02 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	272	40 mg/L			300			9.79	25	
<b>Duplicate (3F02015-DUP2)</b>				Source: A3E1275-01 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	334	20 mg/L			340			1.78	25	
<b>Duplicate (3F02015-DUP3)</b>				Source: A3E1280-13 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	380	20 mg/L			380			0.00	25	
<b>Duplicate (3F02015-DUP4)</b>				Source: A3E1280-14 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	306	20 mg/L			330			7.55	25	
<b>Batch 3F02025 - Analyzed as received</b>										
<b>Blank (3F02025-BLK1)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	ND		5 mg/L							

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Analytical Report: Page 19 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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 Work Order Number: A3E1267

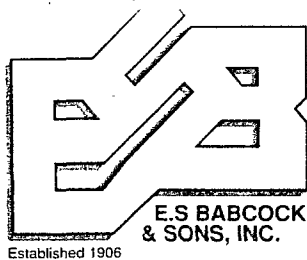
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F02025 - Analyzed as received</b>										
<b>Blank (3F02025-BLK2)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3F02025-BS1)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	495		10 mg/L	500		99.0	90-110			
<b>LCS (3F02025-BS2)</b>				Prepared & Analyzed: 06/02/03						
Total Suspended Solids	497		10 mg/L	500		99.4	90-110			
<b>Duplicate (3F02025-DUP1)</b>				Source: A3E1267-04 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	266		10 mg/L		260			2.28	25	
<b>Duplicate (3F02025-DUP2)</b>				Source: A3E1280-01 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	66.0		10 mg/L		74			11.4	25	
<b>Duplicate (3F02025-DUP3)</b>				Source: A3E1295-01 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	80.5		5 mg/L		82			1.85	25	
<b>Duplicate (3F02025-DUP4)</b>				Source: A3E1323-02 Prepared & Analyzed: 06/02/03						
Total Suspended Solids	276		20 mg/L		280			1.44	25	

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Analytical Report: Page 20 of 28  
 Project Name: IFB Number 79170-86 (10/1  
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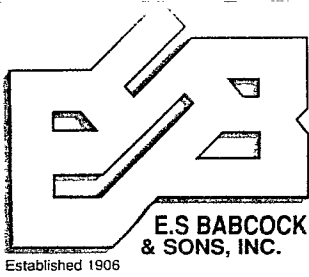
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E30027 - Analyzed as received</b>									
<b>Blank (3E30027-BLK1)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	ND		5 mg/L						
<b>Blank (3E30027-BLK2)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	ND		5 mg/L						
<b>Blank (3E30027-BLK3)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	ND		5 mg/L						
<b>LCS (3E30027-BS1)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	210		5 mg/L	200		105 85-115			
<b>LCS (3E30027-BS2)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	195		5 mg/L	200		97.5 85-115			
<b>LCS (3E30027-BS3)</b>				Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	205		5 mg/L	200		102 85-115			
<b>Duplicate (3E30027-DUP1)</b>				Source: A3E1265-01 Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	410		5 mg/L		380		7.59	20	
<b>Duplicate (3E30027-DUP2)</b>				Source: A3E1281-01 Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	7.75		5 mg/L		8		3.17	20	
<b>Duplicate (3E30027-DUP3)</b>				Source: A3E1323-05 Prepared & Analyzed: 05/30/03					
Biochemical Oxygen Demand	7.50		5 mg/L		8		6.45	20	
<b>Batch 3F02024 - Analyzed as received</b>									
<b>Blank (3F02024-BLK1)</b>				Prepared & Analyzed: 06/02/03					
Chemical Oxygen Demand	ND		10 mg/L						

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Analytical Report: Page 21 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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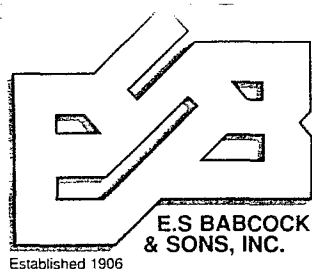
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F02024 - Analyzed as received</b>										
<b>LCS (3F02024-BS1)</b>				Prepared & Analyzed: 06/02/03						
Chemical Oxygen Demand	249	10	mg/L	250		99.6	90-110			
<b>Matrix Spike (3F02024-MS1)</b>				Source: A3F0002-01 Prepared & Analyzed: 06/02/03						
Chemical Oxygen Demand	286	20	mg/L	250	40	98.4	80-120			
<b>Matrix Spike Dup (3F02024-MSD1)</b>				Source: A3F0002-01 Prepared & Analyzed: 06/02/03						
Chemical Oxygen Demand	292	20	mg/L	250	40	101	80-120	2.08	20	
<b>Batch 3F02026 - Analyzed as received</b>										
<b>Blank (3F02026-BLK1)</b>				Prepared: 06/02/03 Analyzed: 06/03/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>LCS (3F02026-BS1)</b>				Prepared: 06/02/03 Analyzed: 06/03/03						
Total Organic Carbon	4.04	0.70	mg/L	4.00		101	90-110			
<b>Matrix Spike (3F02026-MS1)</b>				Source: A3E1267-01 Prepared: 06/02/03 Analyzed: 06/03/03						
Total Organic Carbon	12.3	0.70	mg/L	4.00	8.9	85.0	80-120			
<b>Matrix Spike Dup (3F02026-MSD1)</b>				Source: A3E1267-01 Prepared: 06/02/03 Analyzed: 06/03/03						
Total Organic Carbon	12.1	0.70	mg/L	4.00	8.9	80.0	80-120	1.64	10	
<b>Batch 3F09044 - Analyzed as received</b>										
<b>Blank (3F09044-BLK1)</b>				Prepared & Analyzed: 06/09/03						
Total Organic Carbon	ND	0.70	mg/L							

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 Project Name: IFB Number 79170-86 (10/1  
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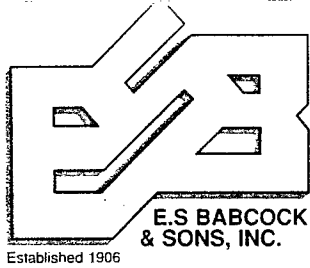
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F09044 - Analyzed as received</b>										
<b>LCS (3F09044-BS1)</b>				Prepared & Analyzed: 06/09/03						
Total Organic Carbon	3.96	0.70	mg/L	4.00		99.0	90-110			
<b>Matrix Spike (3F09044-MS1)</b>				Source: A3F0224-02 Prepared & Analyzed: 06/09/03						
Total Organic Carbon	7.90	0.70	mg/L	4.00	3.9	100	80-120			
<b>Matrix Spike Dup (3F09044-MSD1)</b>				Source: A3F0224-02 Prepared & Analyzed: 06/09/03						
Total Organic Carbon	7.67	0.70	mg/L	4.00	3.9	94.2	80-120	2.95	10	

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 Project Name: IFB Number 79170-86 (10/1  
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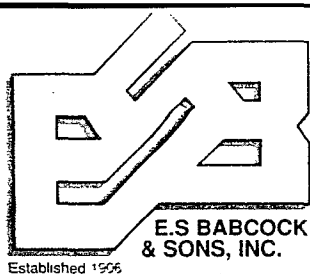
**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E30024 - Analyzed as received</b>									
<b>Blank (3E30024-BLK1)</b>				Prepared & Analyzed: 05/30/03					
Turbidity	ND	0.20	NTU						
<b>LCS (3E30024-BS1)</b>				Prepared & Analyzed: 05/30/03					
Turbidity	0.833	0.20	NTU	0.850	98.0	90-110			
<b>Duplicate (3E30024-DUP1)</b>				Source: A3E1264-01		Prepared & Analyzed: 05/30/03			
Turbidity	4.08	0.20	NTU	3.9			4.51	20	
<b>Duplicate (3E30024-DUP2)</b>				Source: A3E1268-04		Prepared & Analyzed: 05/30/03			
Turbidity	131	0.20	NTU	130			0.766	20	

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 Project Name: IFB Number 79170-86 (10/1  
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**Nutrients - Batch Quality Control**

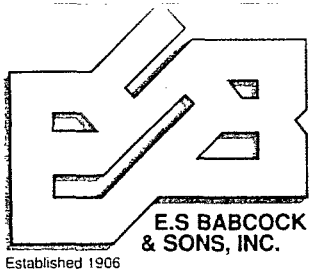
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E27049 - Analyzed as received</b>										
<b>Blank (3E27049-BLK1)</b>				Prepared: 06/02/03 Analyzed: 06/03/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3E27049-BS1)</b>				Prepared: 06/02/03 Analyzed: 06/03/03						
Ammonia-Nitrogen	0.816	0.10	mg/L	0.780		105	90-110			
<b>Matrix Spike (3E27049-MS1)</b>				Source: A3E1051-01 Prepared: 06/02/03 Analyzed: 06/03/03						
Ammonia-Nitrogen	0.730	0.10	mg/L	0.780	0.030	89.7	80-120			
<b>Matrix Spike Dup (3E27049-MSD1)</b>				Source: A3E1051-01 Prepared: 06/02/03 Analyzed: 06/03/03						
Ammonia-Nitrogen	0.741	0.10	mg/L	0.780	0.030	91.2	80-120	1.50	20	
<b>Batch 3E30022 - Analyzed as received</b>										
<b>LCS (3E30022-BS1)</b>				Prepared & Analyzed: 05/30/03						
Nitrite as N	1.03	0.10	mg/L	1.00		103	90-110			
<b>Matrix Spike (3E30022-MS1)</b>				Source: A3E1267-02 Prepared & Analyzed: 05/30/03						
Nitrite as N	1.81	0.10	mg/L	1.00	0.76	105	80-120			
<b>Matrix Spike Dup (3E30022-MSD1)</b>				Source: A3E1267-02 Prepared & Analyzed: 05/30/03						
Nitrite as N	1.80	0.10	mg/L	1.00	0.76	104	80-120	0.554	20	
<b>Batch 3E30029 - Analyzed as received</b>										
<b>LCS (3E30029-BS1)</b>				Prepared & Analyzed: 05/30/03						
Nitrite as N	1.02	0.10	mg/L	1.00		102	90-110			

\*Reportable Detection Limit



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NELAP #02101CA ELAP#1156  
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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 25 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

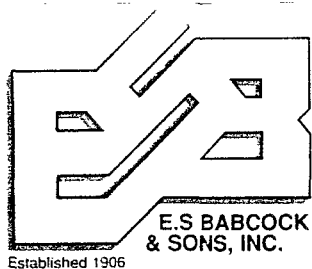
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E30029 - Analyzed as received</b>										
<b>Matrix Spike (3E30029-MS1)</b>			<b>Source: A3E1275-14</b>		<b>Prepared &amp; Analyzed: 05/30/03</b>					
Nitrite as N	0.990	0.10	mg/L	1.00	ND	99.0	80-120			
<b>Matrix Spike Dup (3E30029-MSD1)</b>			<b>Source: A3E1275-14</b>		<b>Prepared &amp; Analyzed: 05/30/03</b>					
Nitrite as N	0.980	0.10	mg/L	1.00	ND	98.0	80-120	1.02	20	
<b>Batch 3E30036 - Analyzed as received</b>										
<b>LCS (3E30036-BS1)</b>			<b>Prepared &amp; Analyzed: 05/30/03</b>							
Ortho Phosphate Phosphorus	0.528	0.050	mg/L	0.500		106	90-110			
<b>Matrix Spike (3E30036-MS1)</b>			<b>Source: A3E1267-03</b>		<b>Prepared &amp; Analyzed: 05/30/03</b>					
Ortho Phosphate Phosphorus	0.702	0.050	mg/L	0.500	0.28	84.4	80-120			
<b>Matrix Spike Dup (3E30036-MSD1)</b>			<b>Source: A3E1267-03</b>		<b>Prepared &amp; Analyzed: 05/30/03</b>					
Ortho Phosphate Phosphorus	0.695	0.050	mg/L	0.500	0.28	83.0	80-120	1.00	20	
<b>Batch 3F03003 - Analyzed as received</b>										
<b>Blank (3F03003-BLK1)</b>			<b>Prepared: 06/03/03 Analyzed: 06/04/03</b>							
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>Blank (3F03003-BLK2)</b>			<b>Prepared: 06/03/03 Analyzed: 06/04/03</b>							
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>LCS (3F03003-BS1)</b>			<b>Prepared: 06/03/03 Analyzed: 06/04/03</b>							
Kjeldahl Nitrogen	0.997	0.10	mg/L	1.00		99.7	80-120			

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 26 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

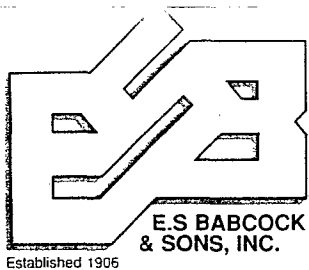
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F03003 - Analyzed as received</b>										
<b>LCS (3F03003-BS2)</b>				Prepared: 06/03/03 Analyzed: 06/04/03						
Kjeldahl Nitrogen	0.963	0.10	mg/L	1.00		96.3	80-120			
<b>Matrix Spike (3F03003-MS1)</b>				Source: A3E1189-01 Prepared: 06/03/03 Analyzed: 06/04/03						
Kjeldahl Nitrogen	65.9	2.0	mg/L	20.0	44	110	50-145			
<b>Matrix Spike (3F03003-MS2)</b>				Source: A3E1275-04 Prepared: 06/03/03 Analyzed: 06/04/03						
Kjeldahl Nitrogen	3.19	0.10	mg/L	1.00	2.2	99.0	50-145			
<b>Matrix Spike Dup (3F03003-MSD1)</b>				Source: A3E1189-01 Prepared: 06/03/03 Analyzed: 06/04/03						
Kjeldahl Nitrogen	63.9	2.0	mg/L	20.0	44	99.5	50-145	3.08	25	
<b>Matrix Spike Dup (3F03003-MSD2)</b>				Source: A3E1275-04 Prepared: 06/03/03 Analyzed: 06/04/03						
Kjeldahl Nitrogen	3.24	0.10	mg/L	1.00	2.2	104	50-145	1.56	25	
<b>Batch 3F03012 - Acid Digest</b>										
<b>LCS (3F03012-BS1)</b>				Prepared & Analyzed: 06/03/03						
Total Phosphorus	0.498	0.05	mg/L	0.500		99.6	90-110			
<b>Matrix Spike (3F03012-MS1)</b>				Source: A3E1116-03 Prepared & Analyzed: 06/03/03						
Total Phosphorus	0.527	0.05	mg/L	0.500	ND	105	80-120			
<b>Matrix Spike Dup (3F03012-MSD1)</b>				Source: A3E1116-03 Prepared & Analyzed: 06/03/03						
Total Phosphorus	0.511	0.05	mg/L	0.500	ND	102	80-120	3.08	20	
<b>Batch 3F16013 - Acid Digest</b>										
<b>LCS (3F16013-BS1)</b>				Prepared & Analyzed: 06/16/03						
Total Phosphorus	0.502	0.05	mg/L	0.500		100	90-110			

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 27 of 28  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 17-Jun-2003  
 Work Order Number: A3E1267

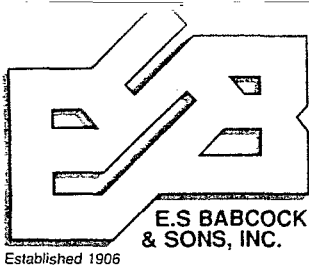
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F16013 - Acid Digest</b>										
<b>Matrix Spike (3F16013-MS1)</b>										
Source: A3F0374-01 Prepared & Analyzed: 06/16/03										
Total Phosphorus	2.66	0.10	mg/L	1.00	1.7	96.0	80-120			
<b>Matrix Spike Dup (3F16013-MSD1)</b>										
Source: A3F0374-01 Prepared & Analyzed: 06/16/03										
Total Phosphorus	2.48	0.10	mg/L	1.00	1.7	78.0	80-120	7.00	20	QMSD

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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
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Palm Desert, CA 92260

Analytical Report: Page 28 of 28  
Project Name: IFB Number 79170-86 (10.1  
Project Number: 02-114-170-0  
Report Date: 17-Jun-2003  
Work Order Number: A3E1267

### Notes and Definitions

- QFnt The referenced sample did not require this QC analyte, so a follow-up is not needed.
- QM-4X Recoveries for the MS and/or MSD did not meet laboratory acceptance criteria due to analyte concentration greater than or equal to 4 times the spike concentration.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

- James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

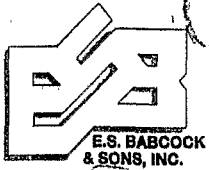
cc:



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# Chain of Custody & Sample Information Record

Client: CRWQCB - R-7 Contact: Nancy White Phone No. (760) 346-6585

Project Name: Salton Sea Nutrients Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours (Rushes Require Approval, Additional Charges May Apply)

Project Location: \_\_\_\_\_

Sampler Information				# of Containers & Preservatives						Analysis Requested										Matrix	Notes			
Name: <u>Jeff Allred</u>				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	NITRATE - N	NITRITE - N	AMMONIA - N	TKN	TOTAL AMMONIUM - N	TOTAL PHOSPHORUS	ORTHOPHOSPHATE	COD, BOD, TOC	SULFATE	TSS, TURBIDITY	HEAVY METALS	ALKALINITY	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous	
ESB #	Sample ID	Date	Time																					
	<u>SS-CVSWC-2.0 (1-4)</u>	<u>5/29/03</u>	<u>7:30 am</u>	1	2	1				4													<u>Surface Water</u>	
	<u>SS-CVSWC-2.1 (5-8)</u>		<u>7:30 am</u>	1	2	1				4														
	<u>SS-ARO-2.0 (9-12)</u>		<u>10:25 am</u>	1	2	1				4														
	<u>SS-NRO-2.0 (13-16)</u>		<u>11:15 pm</u>	1	2	1				4														
	<u>SS-NRU-2.4 (17-20)</u>		<u>11:15 pm</u>	1	2	1				4														

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Jeff Allred</u>	<u>Jeff Allred / CRWQCB - R7</u>	<u>5-29-03 / 4:00 pm</u>	<u>Alexander White</u>	<u>Alexander White / CRWQCB - R7</u>
<u>Alexander White</u>	<u>Alexander White / CRWQCB - R7</u>	<u>5/30/03 / 8:45</u>	<u>Caren Tracy</u>	<u>Caren Tracy</u>

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice?  Yes  No

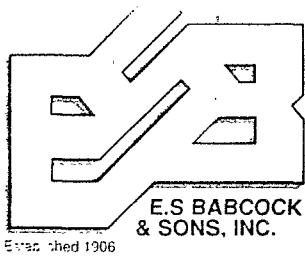
Custody Seal(s) Intact?  Yes  No N/A

Sample(s) Intact?  Yes  No

Temperature 4 °C

Lab No. ABE1267A1

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www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 34  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

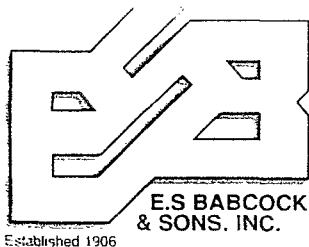
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3F1187-01	SS-ND5-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 08:30	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-02	SS-ND3-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 09:10	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-03	SS-ND3-2.1 Surface Water Salton Sea Nutrients	Liquid	06/25/03 09:10	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-04	SS-ND2-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 09:45	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-05	SS-ND1-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 10:15	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-06	SS-ND1-2.4 Surface Water Salton Sea Nutrients	Liquid	06/25/03 10:15	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-07	SS-ZD-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 12:15	Jeff Allre	06/26/03 11:50	Jeff Allre
A3F1187-08	SS-WD-2.0 Surface Water Salton Sea Nutrients	Liquid	06/25/03 12:15	Jeff Allre	06/26/03 11:50	Jeff Allre

JUL 2 2003





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-01**

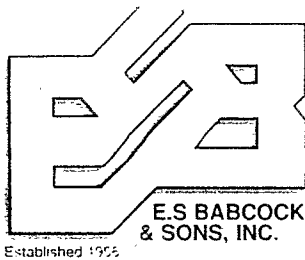
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-ND5-2.0 Salton Sea Nutrients	Liquid	06/25/03 08:30	06/26/03 11:50

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	370	3.0 mg/L	EPA 200.7	07/08/03 16:14	jla	
Calcium	81	1.0 mg/L	EPA 200.7	07/08/03 16:14	jla	
Magnesium	40	1.0 mg/L	EPA 200.7	07/08/03 16:14	jla	
<b>Anions</b>						
Total Nitrogen	0.60	0.40 mg/L	EPA 300.0	07/08/03 09:49	mml	
Total Alkalinity	160	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	190	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	360	0.50 mg/L	EPA 300.0	06/27/03 04:12	KOS	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	06/27/03 04:12	KOS	
<b>Solids</b>						
Total Suspended Solids	67	10 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	31	10 mg/L	SM5220D	07/02/03 16:15	cth	
Total Organic Carbon	5.0	0.70 mg/L	SM 5310B	07/08/03 20:08	la	
<b>General Physical</b>						
Turbidity	70	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	07/01/03 14:33	sll	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND5-2.0 Salton Sea Nutrients	Liquid	06/25/03 08:30	06/26/03 11:50

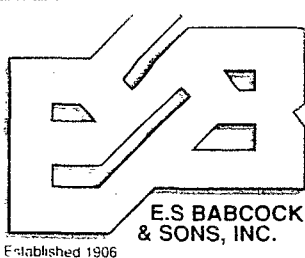
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>							
Kjeldahl Nitrogen	0.60	0.10	mg/L	EPA 351.2	07/08/03 09:49	slf	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.17	0.05	mg/L	SM 4500P B E	06/30/03 10:00	hga	

\*Reportable Detection Limit

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Client Name: Regional Water Quality C B #7

Contact: Teresa Gonzales

Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 34

Project Name: IFB Number 79170-86 (10/1

Project Number: 02-114-170-0

Report Date: 16-Jul-2003

Work Order Number: A3F1187

Laboratory Reference Number

**A3F1187-02**

Sample Description  
 SS-ND3-2.0  
 Salton Sea Nutrients

Matrix  
 Liquid

Sampled Date/Time  
 06/25/03 09:10

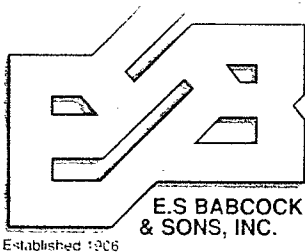
Received Date/Time  
 06/26/03 11:50

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	480	3.0 mg/L	EPA 200.7	07/08/03 16:16	jla	
Calcium	99	1.0 mg/L	EPA 200.7	07/08/03 16:16	jla	
Magnesium	56	1.0 mg/L	EPA 200.7	07/08/03 16:16	jla	
<b>Anions</b>						
Total Nitrogen	8.9	0.40 mg/L	EPA 300.0	07/08/03 09:50	mml	
Total Alkalinity	150	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM-2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	180	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	480	2.5 mg/L	EPA 300.0	06/27/03 19:58	KOS	
Nitrate as N	8.9	0.20 mg/L	EPA 300.0	06/27/03 04:19	KOS	
<b>Solids</b>						
Total Suspended Solids	29	5 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	13	10 mg/L	SM5220D	07/02/03 16:15	cth	
Total Organic Carbon	4.3	0.70 mg/L	SM 5310B	07/08/03 20:21	la	
<b>General Physical</b>						
Turbidity	31	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	07/01/03 14:33	sll	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit



JUL 2 2003



NELAP #02101CA ELAP#1156  
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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7

Contact: Teresa Gonzales

Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 34

Project Name: IFB Number 79170-86 (10.1

Project Number: 02-114-170-0

Report Date: 16-Jul-2003

Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-02**

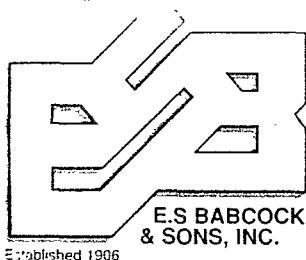
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND3-2.0 Salton Sea Nutrients	Liquid	06/25/03 09:10	06/26/03 11:50

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.69	0.05 mg/L	SM 4500P B E	06/30/03 10:00	hga	
Kjeldahl Nitrogen	0.54	0.20 mg/L	EPA 351.2	07/15/03 12:31	slf	N_RLm

\*Reportable Detection Limit



JUL 21 2003



NELAP #02101CA ELAP#1156  
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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720-Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 6 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-03**

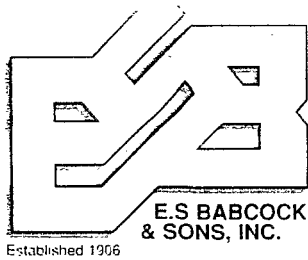
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND3-2.1	Liquid	06/25/03 09:10	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	480	3.0	mg/L	EPA 200.7	07/08/03 16:17	jla	
Calcium	97	1.0	mg/L	EPA 200.7	07/08/03 16:17	jla	
Magnesium	56	1.0	mg/L	EPA 200.7	07/08/03 16:17	jla	
<b>Anions</b>							
Total Nitrogen	9.4	0.40	mg/L	EPA 300.0	07/08/03 09:55	mml	
Total Alkalinity	150	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	180	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	480	2.5	mg/L	EPA 300.0	06/27/03 20:05	KOS	
Nitrate as N	8.9	0.20	mg/L	EPA 300.0	06/27/03 04:26	KOS	
<b>Solids</b>							
Total Suspended Solids	33	5	mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	ND	5	mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	20	10	mg/L	SM5220D	07/02/03 16:15	cth	
Total Organic Carbon	4.4	0.70	mg/L	SM 5310B	07/08/03 20:34	la	
<b>General Physical</b>							
Turbidity	32	0.20	NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>							
Ammonia-Nitrogen	ND	0.10	mg/L	SM4500NH3H	07/01/03 14:34	sl	
Nitrite as N	ND	0.10	mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit



JUL 21 2003



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 7 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number:  
**A3F1187-03**

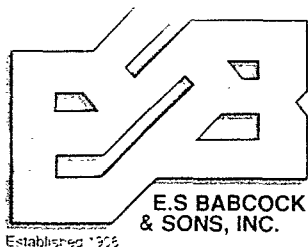
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND3-2.1	Liquid	06/25/03 09:10	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Nutrients						
Kjeldahl Nitrogen	0.47	0.10 mg/L	EPA 351.2	07/08/03 09:55	sll	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.06	0.05 mg/L	SM 4500P B E	06/30/03 10:00	hga	

\*Reportable Detection Limit



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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr, Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-04**

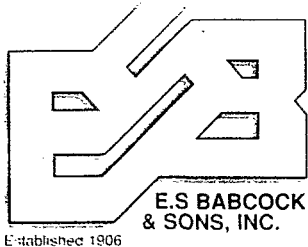
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-ND2-2.0	Liquid	06/25/03 09:45	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	380	3.0 mg/L	EPA 200.7	07/08/03 16:39	jla	
Calcium	87	1.0 mg/L	EPA 200.7	07/08/03 16:39	jla	
Magnesium	40	1.0 mg/L	EPA 200.7	07/08/03 16:39	jla	
<b>Anions</b>						
Total Nitrogen	2.7	0.40 mg/L	EPA 300.0	07/08/03 09:56	mml	
Total Alkalinity	160	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	190	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	380	0.50 mg/L	EPA 300.0	06/27/03 04:33	KOS	
Nitrate as N	2.1	0.20 mg/L	EPA 300.0	06/27/03 04:33	KOS	
<b>Solids</b>						
Total Suspended Solids	62	5 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	11	10 mg/L	SM5220D	07/03/03 17:48	cth	
Total Organic Carbon	4.4	0.70 mg/L	SM 5310B	07/08/03 20:47	la	
<b>General Physical</b>						
Turbidity	46	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	07/01/03 14:35	sil	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit



JUL 2 2003



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 9 of 34  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-04**

Sample Description  
SS-ND2-2.0  
Salton Sea Nutrients

Matrix  
Liquid

Sampled Date/Time  
06/25/03 09:45

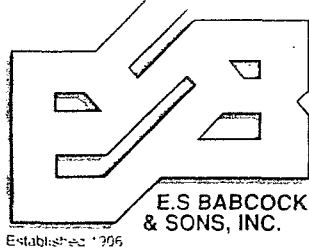
Received Date/Time  
06/26/03 11:50

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients							
Kjeldahl Nitrogen	0.59	0.10	mg/L	EPA 351.2	07/08/03 09:56	sll	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.10	0.05	mg/L	SM 4500P B E	06/30/03 10:00	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 10 of 34  
 Project Name: IFB Number 79170-86 (10/03)  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-05**

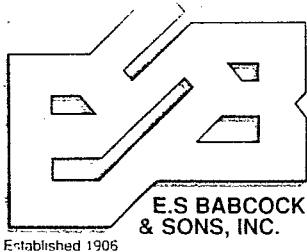
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND1-2.0	Liquid	06/25/03 10:15	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	390	3.0 mg/L	EPA 200.7	07/08/03 16:40	jl	
Calcium	87	1.0 mg/L	EPA 200.7	07/08/03 16:40	jl	
Magnesium	41	1.0 mg/L	EPA 200.7	07/08/03 16:40	jl	
<b>Anions</b>						
Total Nitrogen	0.40	0.40 mg/L	EPA 300.0	07/08/03 10:35	mml	
Total Alkalinity	180	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	220	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	360	0.50 mg/L	EPA 300.0	06/27/03 05:01	KOS	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	06/27/03 05:01	KOS	
<b>Solids</b>						
Total Suspended Solids	30	5 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	18	10 mg/L	SM5220D	07/03/03 17:48	cth	
Total Organic Carbon	5.1	0.70 mg/L	SM 5310B	07/08/03 21:00	la	
<b>General Physical</b>						
Turbidity	20	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	07/01/03 14:36	sl	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit

JUL 2 2003





NELAP #02101CA ELAP#1156  
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 11 of 34  
Project Name: IFB Number 79170-86 (10, 1  
Project Number: 02-114-170-0  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND1-2.0 Salton Sea Nutrients	Liquid	06/25/03 10:15	06/26/03 11:50

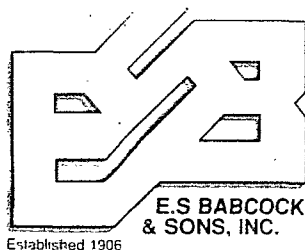
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>							
Kjeldahl Nitrogen	0.40	0.10	mg/L	EPA 351.2	07/08/03 10:35	sll	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.08	0.05	mg/L	SM 4500P B E	06/30/03 10:00	hga	

\*Reportable Detection Limit



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 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 12 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: Q2-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-06**

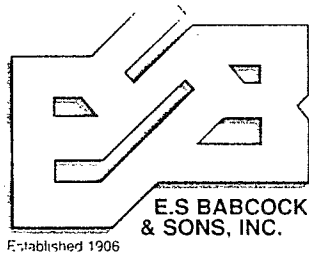
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-ND1-2.4 Salton Sea Nutrients	Liquid	06/25/03 10:15	06/26/03 11:50

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	ND	3.0 mg/L	EPA 200.7	07/08/03 16:42	jla	
Calcium	ND	1.0 mg/L	EPA 200.7	07/08/03 16:42	jla	
Magnesium	ND	1.0 mg/L	EPA 200.7	07/08/03 16:42	jla	
<b>Anions</b>						
Total Nitrogen	ND	0.40 mg/L	EPA 300.0	07/08/03 10:36	mml	
Total Alkalinity	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	1.4	0.50 mg/L	EPA 300.0	06/27/03 05:07	KOS	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	06/27/03 05:07	KOS	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	ND	10 mg/L	SM5220D	07/03/03 17:48	cth	
Total Organic Carbon	1.3	0.70 mg/L	SM 5310B	07/08/03 21:09	la	
<b>General Physical</b>						
Turbidity	ND	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	07/01/03 14:39	sll	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/26/03 19:00	mml	

\*Reportable Detection Limit



JUL 21 2003



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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 13 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003

**Work Order Number: A3F1187**

Laboratory Reference Number  
**A3F1187-06**

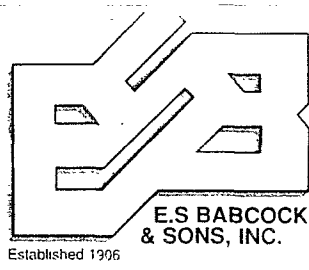
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ND1-2.4	Liquid	06/25/03 10:15	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients							
Kjeldahl Nitrogen	ND	0.10	mg/L	EPA 351.2	07/08/03 10:36	sll	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	ND	0.05	mg/L	SM 4500P B E	06/30/03 10:00	hga	

\*Reportable Detection Limit



JUL 2 2003



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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720, Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 14 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-07**

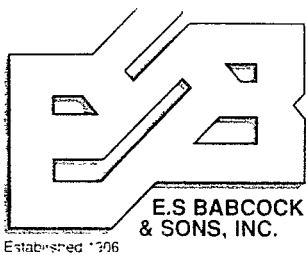
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ZD-2.0	Liquid	06/25/03 12:15	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	650	3.0	mg/L	EPA 200.7	07/08/03 16:44	jla	
Calcium	130	1.0	mg/L	EPA 200.7	07/08/03 16:44	jla	
Magnesium	78	1.0	mg/L	EPA 200.7	07/08/03 16:44	jla	
<b>Anions</b>							
Total Nitrogen	18	0.40	mg/L	EPA 300.0	07/08/03 10:37	mml	
Total Alkalinity	190	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	230	3.0	mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	610	2.5	mg/L	EPA 300.0	06/27/03 20:12	KOS	
Nitrate as N	17	0.20	mg/L	EPA 300.0	06/27/03 05:14	KOS	
<b>Solids</b>							
Total Suspended Solids	61	5	mg/L	SM 2540D	06/30/03 20:18	imm	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	ND	5	mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	29	10	mg/L	SM5220D	07/03/03 17:48	cth	
Total Organic Carbon	6.0	0.70	mg/L	SM 5310B	07/08/03 21:22	la	
<b>General Physical</b>							
Turbidity	55	0.20	NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>							
Ammonia-Nitrogen	0.11	0.10	mg/L	SM4500NH3H	07/01/03 14:40	sl	
Nitrite as N	ND	0.10	mg/L	SM 4500NO2 B	06/26/03 20:00	mml	

\*Reportable Detection Limit

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NELAP #02101CA ELAP#1156  
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 15 of 34  
Project Name: IFB Number 79170-86 (10/1  
Project Number: ~~02-114-170-0~~  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-07**

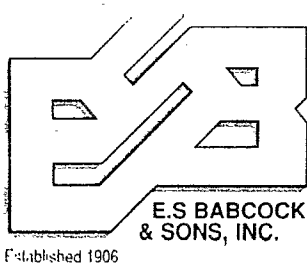
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ZD-2.0	Liquid	06/25/03 12:15	06/26/03 11:50
Salton Sea Nutrients			

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>							
Kjeldahl Nitrogen	0.72	0.10	mg/L	EPA 351.2	07/08/03 10:37	slj	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.09	0.05	mg/L	SM 4500P B E	06/30/03 10:00	hga	

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 Palm Desert, CA 92260

Analytical Report: Page 16 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-08**

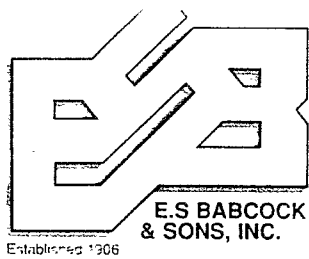
Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-WD-2.0 Salton Sea Nutrients	Liquid	06/25/03 12:15	06/26/03 11:50

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	690	3.0 mg/L	EPA 200.7	07/08/03 16:47	jla	
Calcium	150	1.0 mg/L	EPA 200.7	07/08/03 16:47	jla	
Magnesium	77	1.0 mg/L	EPA 200.7	07/08/03 16:47	jla	
<b>Anions</b>						
Total Nitrogen	5.5	0.40 mg/L	EPA 300.0	07/08/03 10:37	mml	
Total Alkalinity	200	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Bicarbonate	250	3.0 mg/L	SM 2320B	06/27/03 19:46	era	
Sulfate	810	2.5 mg/L	EPA 300.0	06/27/03 20:40	KOS	
Nitrate as N	3.7	0.20 mg/L	EPA 300.0	06/27/03 05:21	KOS	
<b>Solids</b>						
Total Suspended Solids	190	20 mg/L	SM 2540D	06/30/03 16:02	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/26/03 18:17	cth	
Chemical Oxygen Demand	58	10 mg/L	SM5220D	07/03/03 17:48	cth	
Total Organic Carbon	9.4	1.4 mg/L	SM 5310B	07/08/03 21:32	la	
<b>General Physical</b>						
Turbidity	170	0.20 NTU	SM 2130 B	06/26/03 19:14	era	
<b>Nutrients</b>						
Ammonia-Nitrogen	0.46	0.10 mg/L	SM4500NH3H	07/01/03 14:41	sll	
Nitrite as N	0.12	0.10 mg/L	SM 4500NO2 B	06/26/03 20:00	mml	

\*Reportable Detection Limit



JUL 21 2003



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Analytical Report: Page 17 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

Laboratory Reference Number  
**A3F1187-08**

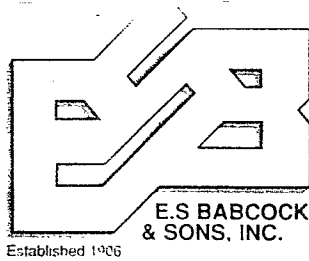
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-WD-2.0	Liquid	06/25/03 12:15	06/26/03 11:50
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	1.7	0.10 mg/L	EPA 351.2	07/08/03 10:37	sll	
Ortho Phosphate Phosphorus	0.070	0.050 mg/L	SM 4500P E	06/27/03 07:48	hga	
Total Phosphorus	0.34	0.25 mg/L	SM 4500P B E	06/30/03 10:00	hga	

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Analytical Report: Page 18 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

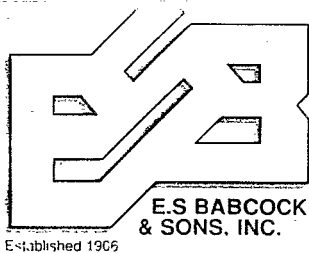
**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3G03022 - EPA 3015A SOP M02A</b>										
<b>Blank (3G03022-BLK1)</b>				Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	mg/L							
<b>LCS (3G03022-BS1)</b>				Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	39.3	1.0	mg/L	40.1		98.0	85-115			
Magnesium	39.4	1.0	mg/L	40.1		98.3	85-115			
<b>Matrix Spike (3G03022-MS1)</b>				Source: A3F1187-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	123	1.0	mg/L	40.1	81	105	70-130			
Magnesium	80.7	1.0	mg/L	40.1	40	101	70-130			
<b>Matrix Spike (3G03022-MS2)</b>				Source: A3F1179-09RE Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	201	1.0	mg/L	40.0	150	128	70-130			
<b>Matrix Spike Dup (3G03022-MSD1)</b>				Source: A3F1187-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	123	1.0	mg/L	40.1	81	105	70-130	0.00	20	
Magnesium	80.6	1.0	mg/L	40.1	40	101	70-130	0.124	20	
<b>Matrix Spike Dup (3G03022-MSD2)</b>				Source: A3F1179-09RE Prepared: 07/07/03 Analyzed: 07/08/03						
Calcium	199	1.0	mg/L	40.0	150	122	70-130	1.00	20	

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Analytical Report: Page 19 of 34  
 Project Name: IFB Number 79170-86 10/1  
 Project Number: 02-114-170-9  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

**Anions - Batch Quality Control**

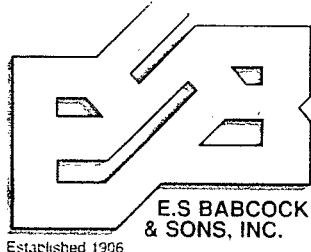
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26049 - Analyzed as received</b>										
<b>Blank (3F26049-BLK1)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F26049-BLK2)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F26049-BLK3)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3F26049-BS1)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	95.4	0.50	mg/L	100		95.4	90-110			
Nitrate as N	11.2	0.20	mg/L	11.3		99.1	90-110			
<b>LCS (3F26049-BS2)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	94.5	0.50	mg/L	100		94.5	90-110			
Nitrate as N	11.2	0.20	mg/L	11.3		99.1	90-110			
<b>LCS (3F26049-BS3)</b>				Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	95.2	0.50	mg/L	100		95.2	90-110			
Nitrate as N	11.2	0.20	mg/L	11.3		99.1	90-110			
<b>Matrix Spike (3F26049-MS1)</b>				Source: A3F1179-13 Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	771	0.50	mg/L	100	700	71.0	85-137			QM-4
Nitrate as N	4.07	0.20	mg/L	4.52	0.11	87.6	80-114			
<b>Matrix Spike (3F26049-MS2)</b>				Source: A3F1180-03 Prepared: 06/26/03 Analyzed: 06/27/03						
Sulfate	95.1	0.50	mg/L	100	0.90	94.2	85-137			
Nitrate as N	4.14	0.20	mg/L	4.52	0.14	88.5	80-114			

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Client Name: Regional Water Quality C B #7

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Address: 73-720 Fred Waring Dr. Ste. 100

Palm Desert, CA 92260

Analytical Report: Page 20 of 34

Project Name: IFB Number 79170-86 (10/1

Project Number: 02-114-170-0

Report Date: 16-Jul-2003

Work Order Number: A3F1187

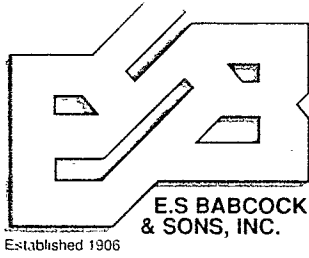
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26049 - Analyzed as received</b>										
<b>Matrix Spike (3F26049-MS3) Source: A3F1223-02 Prepared: 06/26/03 Analyzed: 06/27/03</b>										
Sulfate	114	0.50	mg/L	100	17	97.0	85-137			
Nitrate as N	44.6	0.20	mg/L	4.52	42	57.5	80-114			QM-4X
<b>Matrix Spike Dup (3F26049-MSD1) Source: A3F1179-13 Prepared: 06/26/03 Analyzed: 06/27/03</b>										
Sulfate	771	0.50	mg/L	100	700	71.0	85-137	0.00	20	QM-4X
Nitrate as N	4.11	0.20	mg/L	4.52	0.11	88.5	80-114	0.978	20	
<b>Matrix Spike Dup (3F26049-MSD2) Source: A3F1180-03 Prepared: 06/26/03 Analyzed: 06/27/03</b>										
Sulfate	93.5	0.50	mg/L	100	0.90	92.6	85-137	1.70	20	
Nitrate as N	4.07	0.20	mg/L	4.52	0.14	86.9	80-114	1.71	20	
<b>Matrix Spike Dup (3F26049-MSD3) Source: A3F1223-02 Prepared: 06/26/03 Analyzed: 06/27/03</b>										
Sulfate	116	0.50	mg/L	100	17	99.0	85-137	1.74	20	
Nitrate as N	45.0	0.20	mg/L	4.52	42	66.4	80-114	0.893	20	QM-4X
<b>Batch 3F27034 - Analyzed as received</b>										
<b>Blank (3F27034-BLK1) Prepared &amp; Analyzed: 06/27/03</b>										
Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							
<b>LCS (3F27034-BS1) Prepared &amp; Analyzed: 06/27/03</b>										
Total Alkalinity	470	3.0	mg/L	471		99.8	90-110			
Carbonate	276	3.0	mg/L	268		103	90-110			

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Analytical Report: Page 21 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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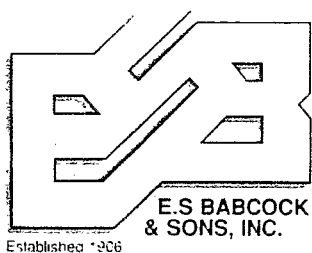
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27034 - Analyzed as received</b>										
<b>Duplicate (3F27034-DUP1)</b>			<b>Source: A3F1117-01</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>					
Total Alkalinity	118	3.0	mg/L		120			1.68	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	144	3.0	mg/L		140			2.82	10	
<b>Duplicate (3F27034-DUP2)</b>			<b>Source: A3F1230-01</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>					
Total Alkalinity	232	3.0	mg/L		230			0.866	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	283	3.0	mg/L		280			1.07	10	
<b>Batch 3F27045 - Analyzed as received</b>										
<b>Blank (3F27045-BLK1)</b>			<b>Prepared &amp; Analyzed: 06/27/03</b>							
Sulfate	ND	0.50	mg/L							
<b>Blank (3F27045-BLK2)</b>			<b>Prepared &amp; Analyzed: 06/27/03</b>							
Sulfate	ND	0.50	mg/L							
<b>LCS (3F27045-BS1)</b>			<b>Prepared &amp; Analyzed: 06/27/03</b>							
Sulfate	96.6	0.50	mg/L	100		96.6	90-110			
<b>LCS (3F27045-BS2)</b>			<b>Prepared &amp; Analyzed: 06/27/03</b>							
Sulfate	95.9	0.50	mg/L	100		95.9	90-110			
<b>Matrix Spike (3F27045-MS1)</b>			<b>Source: A3F1260-02</b>		<b>Prepared &amp; Analyzed: 06/27/03</b>					
Sulfate	119	0.50	mg/L	100	22	97.0	85-137			

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Analytical Report: Page 22 of 34  
 Project Name: IFB Number 79170-86 (10-1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

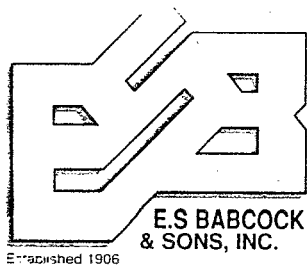
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27045 - Analyzed as received</b>										
<b>Matrix Spike (3F27045-MS2) Source: A3F1273-05 Prepared &amp; Analyzed: 06/27/03</b>										
Sulfate	161	0.50	mg/L	100	70	91.0	85-137			
<b>Matrix Spike Dup (3F27045-MSD1) Source: A3F1260-02 Prepared &amp; Analyzed: 06/27/03</b>										
Sulfate	121	0.50	mg/L	100	22	99.0	85-137	1.67	20	
<b>Matrix Spike Dup (3F27045-MSD2) Source: A3F1273-05 Prepared &amp; Analyzed: 06/27/03</b>										
Sulfate	162	0.50	mg/L	100	70	92.0	85-137	0.619	20	

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Analytical Report: Page 23 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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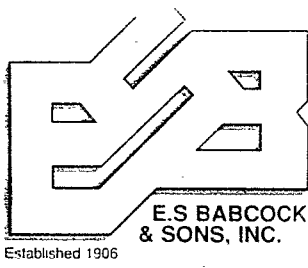
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F30010 - Analyzed as received</b>										
<b>Blank (3F30010-BLK1)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3F30010-BLK2)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3F30010-BS1)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	457		10 mg/L	500		91.4	90-110			
<b>LCS (3F30010-BS2)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	469		10 mg/L	500		93.8	90-110			
<b>Duplicate (3F30010-DUP1)</b>				Source: A3F1026-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	360		20 mg/L		310			14.9	25	
<b>Duplicate (3F30010-DUP2)</b>				Source: A3F1119-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	670		20 mg/L		660			1.50	25	
<b>Duplicate (3F30010-DUP3)</b>				Source: A3F1187-08 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	200		20 mg/L		190			5.13	25	
<b>Batch 3F30022 - Analyzed as received</b>										
<b>Blank (3F30022-BLK1)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3F30022-BLK2)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	ND		5 mg/L							

\*Reportable Detection Limit

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Analytical Report: Page 24 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 16-Jul-2003  
 Work Order Number: A3F1187

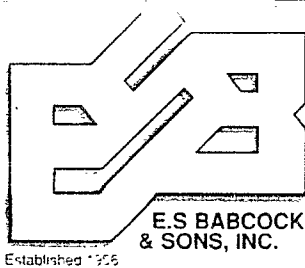
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F30022 - Analyzed as received</b>										
<b>LCS (3F30022-BS1)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	483	10	mg/L	500		96.6	90-110			
<b>LCS (3F30022-BS2)</b>				Prepared & Analyzed: 06/30/03						
Total Suspended Solids	487	10	mg/L	500		97.4	90-110			
<b>Duplicate (3F30022-DUP1)</b>				Source: A3F1140-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	426	20	mg/L		420			1.42	25	
<b>Duplicate (3F30022-DUP2)</b>				Source: A3F1195-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	144	40	mg/L		150			4.08	25	
<b>Duplicate (3F30022-DUP3)</b>				Source: A3F1216-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	202	20	mg/L		190			6.12	25	
<b>Duplicate (3F30022-DUP4)</b>				Source: A3F1273-01 Prepared & Analyzed: 06/30/03						
Total Suspended Solids	134	20	mg/L		150			11.3	25	

\*Reportable Detection Limit

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Analytical Report: Page 25 of 34  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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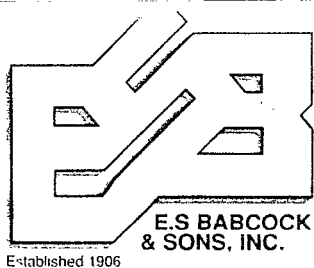
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26044 - Analyzed as received</b>										
<b>Blank (3F26044-BLK1)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3F26044-BLK2)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3F26044-BLK3)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>LCS (3F26044-BS1)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	175		5 mg/L	200		87.5	85-115			
<b>LCS (3F26044-BS2)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	200		5 mg/L	200		100	85-115			
<b>LCS (3F26044-BS3)</b>				Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	195		5 mg/L	200		97.5	85-115			
<b>Duplicate (3F26044-DUP1)</b>				Source: A3F1169-01 Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	340		5 mg/L		340			0.00	20	
<b>Duplicate (3F26044-DUP2)</b>				Source: A3F1187-06 Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	ND		5 mg/L		ND				20	
<b>Duplicate (3F26044-DUP3)</b>				Source: A3F1211-01 Prepared & Analyzed: 06/26/03						
Biochemical Oxygen Demand	220		5 mg/L		200			9.52	20	
<b>Batch 3G02028 - Analyzed as received</b>										
<b>LCS (3G02028-BS1)</b>				Prepared & Analyzed: 07/02/03						
Chemical Oxygen Demand	251		10 mg/L	250		100	90-110			

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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
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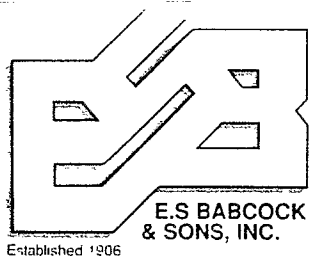
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3G02028 - Analyzed as received</b>										
<b>Matrix Spike (3G02028-MS1)</b>				Source: A3G0074-01		Prepared & Analyzed: 07/02/03				
Chemical Oxygen Demand	300	20	mg/L	250	51	99.6	80-120			
<b>Matrix Spike Dup (3G02028-MSD1)</b>				Source: A3G0074-01		Prepared & Analyzed: 07/02/03				
Chemical Oxygen Demand	300	20	mg/L	250	51	99.6	80-120	0.00	20	
<b>Batch 3G03031 - Analyzed as received</b>										
<b>LCS (3G03031-BS1)</b>				Prepared & Analyzed: 07/03/03						
Chemical Oxygen Demand	249	10	mg/L	250		99.6	90-110			
<b>Matrix Spike (3G03031-MS1)</b>				Source: A3G0170-01		Prepared & Analyzed: 07/03/03				
Chemical Oxygen Demand	310	20	mg/L	250	58	101	80-120			
<b>Matrix Spike Dup (3G03031-MSD1)</b>				Source: A3G0170-01		Prepared & Analyzed: 07/03/03				
Chemical Oxygen Demand	292	20	mg/L	250	58	93.6	80-120	5.98	20	
<b>Batch 3G07010 - Analyzed as received</b>										
<b>Blank (3G07010-BLK1)</b>				Prepared: 07/07/03 Analyzed: 07/08/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>Blank (3G07010-BLK2)</b>				Prepared: 07/07/03 Analyzed: 07/08/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>LCS (3G07010-BS1)</b>				Prepared: 07/07/03 Analyzed: 07/08/03						
Total Organic Carbon	3.35	0.70	mg/L	4.00		83.8	90-110			QL-MS

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Analytical Report: Page 27 of 34  
 Project Name: IFB Number 79170-86 (10/1  
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**Aggregate Organic Compounds - Batch Quality Control**

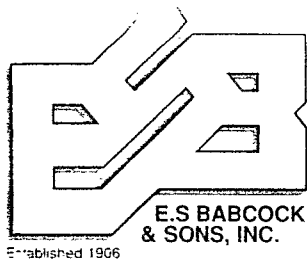
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3G07010 - Analyzed as received</b>										
<b>LCS (3G07010-BS2)</b>				Prepared: 07/07/03 Analyzed: 07/09/03						
Total Organic Carbon	3.51	0.70	mg/L	4.00		87.8	90-110			QL-MS
<b>Matrix Spike (3G07010-MS1)</b>				Source: A3G0018-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Total Organic Carbon	7.09	0.70	mg/L	4.00	3.4	92.2	80-120			
<b>Matrix Spike (3G07010-MS2)</b>				Source: A3G0148-04 Prepared: 07/07/03 Analyzed: 07/09/03						
Total Organic Carbon	9.92	0.70	mg/L	4.00	6.3	90.5	80-120			
<b>Matrix Spike Dup (3G07010-MSD1)</b>				Source: A3G0018-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Total Organic Carbon	7.02	0.70	mg/L	4.00	3.4	90.5	80-120	0.992	10	
<b>Matrix Spike Dup (3G07010-MSD2)</b>				Source: A3G0148-04 Prepared: 07/07/03 Analyzed: 07/09/03						
Total Organic Carbon	9.77	0.70	mg/L	4.00	6.3	86.8	80-120	1.52	10	

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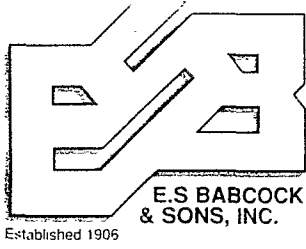
**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26024 - Analyzed as received</b>									
<b>Blank (3F26024-BLK1)</b>				Prepared & Analyzed: 06/26/03					
Turbidity	ND	0.20	NTU						
<b>LCS (3F26024-BS1)</b>				Prepared & Analyzed: 06/26/03					
Turbidity	0.876	0.20	NTU	0.850		103 90-110			
<b>Duplicate (3F26024-DUP1)</b>				Source: A3F1168-01 Prepared & Analyzed: 06/26/03					
Turbidity	3.56	0.20	NTU		3.6		1.12	20	
<b>Duplicate (3F26024-DUP2)</b>				Source: A3F1187-03 Prepared & Analyzed: 06/26/03					
Turbidity	31.8	0.20	NTU		32		0.627	20	

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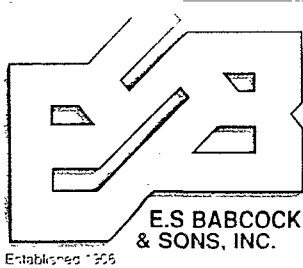
### Nutrients - Batch Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F26045 - Analyzed as received</b>										
<b>LCS (3F26045-BS1)</b>				Prepared & Analyzed: 06/26/03						
Nitrite as N	1.03	0.10	mg/L	1.00		103	90-110			
<b>Matrix Spike (3F26045-MS1)</b>				Source: A3F1187-06 Prepared & Analyzed: 06/26/03						
Nitrite as N	1.03	0.10	mg/L	1.00	ND	103	80-120			
<b>Matrix Spike Dup (3F26045-MSD1)</b>				Source: A3F1187-06 Prepared & Analyzed: 06/26/03						
Nitrite as N	1.04	0.10	mg/L	1.00	ND	104	80-120	0.966	20	
<b>Batch 3F26046 - Analyzed as received</b>										
<b>LCS (3F26046-BS1)</b>				Prepared & Analyzed: 06/26/03						
Nitrite as N	1.01	0.10	mg/L	1.00		101	90-110			
<b>Matrix Spike (3F26046-MS1)</b>				Source: A3F1146-01 Prepared & Analyzed: 06/26/03						
Nitrite as N	1.00	0.10	mg/L	1.00	ND	100	80-120			
<b>Matrix Spike Dup (3F26046-MSD1)</b>				Source: A3F1146-01 Prepared & Analyzed: 06/26/03						
Nitrite as N	1.01	0.10	mg/L	1.00	ND	101	80-120	0.995	20	
<b>Batch 3F27005 - Analyzed as received</b>										
<b>LCS (3F27005-BS1)</b>				Prepared & Analyzed: 06/27/03						
Ortho Phosphate Phosphorus	0.518	0.050	mg/L	0.500		104	90-110			
<b>Matrix Spike (3F27005-MS1)</b>				Source: A3F1118-01 Prepared & Analyzed: 06/27/03						
Ortho Phosphate Phosphorus	8.16	0.50	mg/L	5.00	2.9	105	80-120			

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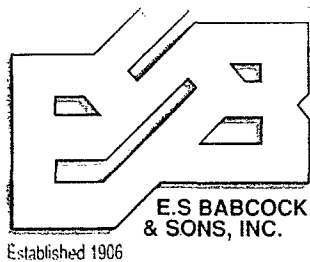
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27005 - Analyzed as received</b>										
<b>Matrix Spike Dup (3F27005-MSD1) Source: A3F1118-01 Prepared &amp; Analyzed: 06/27/03</b>										
Ortho Phosphate Phosphorus	8.07	0.50	mg/L	5.00	2.9	103	80-120	1.11	20	
<b>Batch 3F27019 - Analyzed as received</b>										
<b>Blank (3F27019-BLK1) Prepared: 06/27/03 Analyzed: 07/01/03</b>										
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F27019-BS1) Prepared: 06/27/03 Analyzed: 07/01/03</b>										
Ammonia-Nitrogen	0.746	0.10	mg/L	0.780		95.6	90-110			
<b>Matrix Spike (3F27019-MS1) Source: A3F1187-01 Prepared: 06/27/03 Analyzed: 07/01/03</b>										
Ammonia-Nitrogen	0.781	0.10	mg/L	0.780	0.070	91.2	80-120			
<b>Matrix Spike Dup (3F27019-MSD1) Source: A3F1187-01 Prepared: 06/27/03 Analyzed: 07/01/03</b>										
Ammonia-Nitrogen	0.771	0.10	mg/L	0.780	0.070	89.9	80-120	1.29	20	
<b>Batch 3F30004 - Acid Digest</b>										
<b>LCS (3F30004-BS1) Prepared &amp; Analyzed: 06/30/03</b>										
Total Phosphorus	2.26	0.05	mg/L	2.50		90.4	90-110			
<b>Matrix Spike (3F30004-MS1) Source: A3F1180-02 Prepared &amp; Analyzed: 06/30/03</b>										
Total Phosphorus	2.14	0.05	mg/L	2.50	0.12	80.8	80-120			
<b>Matrix Spike Dup (3F30004-MSD1) Source: A3F1180-02 Prepared &amp; Analyzed: 06/30/03</b>										
Total Phosphorus	2.11	0.05	mg/L	2.50	0.12	79.6	80-120	1.41	20	QMSD

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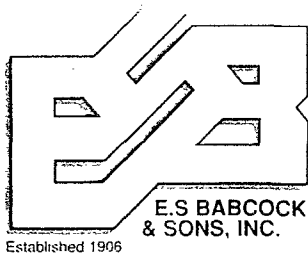
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Flag
<b>Batch 3G07002 - Analyzed as received</b>										
<b>Blank (3G07002-BLK1)</b>										
Kjeldahl Nitrogen	ND	0.10	mg/L							
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>Blank (3G07002-BLK2)</b>										
Kjeldahl Nitrogen	ND	0.10	mg/L							
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>LCS (3G07002-BS1)</b>										
Kjeldahl Nitrogen	1.02	0.10	mg/L	1.00	102	80-120				
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>LCS (3G07002-BS2)</b>										
Kjeldahl Nitrogen	0.979	0.10	mg/L	1.00	97.9	80-120				
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>Matrix Spike (3G07002-MS1)</b>										
				Source: A3F1179-16 Prepared: 07/07/03 Analyzed: 07/08/03						
Kjeldahl Nitrogen	2.13	0.10	mg/L	1.00	0.94	119	50-145			
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>Matrix Spike (3G07002-MS2)</b>										
				Source: A3G0018-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Kjeldahl Nitrogen	1.65	0.10	mg/L	1.00	0.96	69.0	50-145			
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>Matrix Spike Dup (3G07002-MSD1)</b>										
				Source: A3F1179-16 Prepared: 07/07/03 Analyzed: 07/08/03						
Kjeldahl Nitrogen	2.11	0.10	mg/L	1.00	0.94	117	50-145	0.943	25	
				Prepared: 07/07/03 Analyzed: 07/08/03						
<b>Matrix Spike Dup (3G07002-MSD2)</b>										
				Source: A3G0018-01 Prepared: 07/07/03 Analyzed: 07/08/03						
Kjeldahl Nitrogen	1.88	0.10	mg/L	1.00	0.96	92.0	50-145	13.0	25	
<b>Batch 3G11063 - Analyzed as received</b>										
<b>Blank (3G11063-BLK1)</b>										
Kjeldahl Nitrogen	ND	0.10	mg/L							
				Prepared: 07/11/03 Analyzed: 07/15/03						

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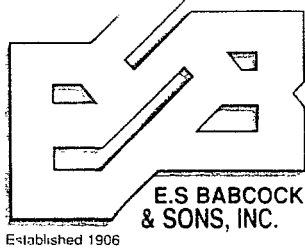
Work Order Number: A3F1187

**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Flag
<b>Batch 3G11063 - Analyzed as received</b>									
<b>Blank (3G11063-BLK2)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	ND	0.10	mg/L						
<b>LCS (3G11063-BS1)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	0.986	0.10	mg/L	1.00	98.6	80-120			
<b>LCS (3G11063-BS2)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	1.26	0.10	mg/L	1.00	126	80-120			QL-MS
<b>Matrix Spike (3G11063-MS1)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	92.2	4.0	mg/L	40.0	58	85.5	50-145		
<b>Matrix Spike (3G11063-MS2)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	67.8	2.0	mg/L	20.0	49	94.0	50-145		
<b>Matrix Spike Dup (3G11063-MSD1)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	97.2	4.0	mg/L	40.0	58	98.0	50-145	5.28	25
<b>Matrix Spike Dup (3G11063-MSD2)</b>				Prepared: 07/11/03 Analyzed: 07/15/03					
Kjeldahl Nitrogen	70.5	2.0	mg/L	20.0	49	108	50-145	3.90	25

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www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 33 of 34  
Project Name: IFB Number 79170-86 (10/1  
Project Number: Q2-114-170-0  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

### Notes and Definitions

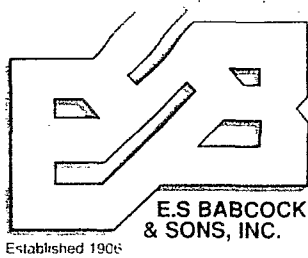
- N\_RLm The reporting limit for this analyte has been raised due to sample matrix.
- QFnt The referenced sample did not require this QC analyte, so a follow-up is not needed.
- QL-MS The LCS recovery did not meet laboratory acceptance criteria. Batch acceptance based on MS and/or MSD recovery.
- QM-4X Recoveries for the MS and/or MSD did not meet laboratory acceptance criteria due to analyte concentration greater than or equal to 4 times the spike concentration.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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\*Reportable Detection Limit



JUL 21 2003



NELAP #02101CA ELAP#1156  
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 34 of 34  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 16-Jul-2003  
Work Order Number: A3F1187

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



JUL 16 2003



E.S. Babcock & Sons, Inc.  
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# Chain of Custody & Sample Information Record

Client: RWD&B R7 Contact: DOUG WYLIE Phone No. (760) 346-0533

Project Name: SALTWATER TREATMENT Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours

Project Location: SALTWATER

(Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Total # of Containers	Analysis Requested										Matrix	Notes			
Name:	Employer:	Signature:		Unpreserved	H2SO4	HCl	HNO3	Na2S2O3	NaOH		NITRATE - N	NITRITE - N	AMMONIA - N	TKN	TOTAL PHOSPHOROUS	ORTHOPHOSPHATE	BOC COC TOC	SULFATE	TSS TURBIDITY	HARDNESS	ALKALINITY				
6/25/03	8:30 am	1	2	1						4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	SURFACE WATER	
	9:12 am	1	2	1						4															
	9:10 am	1	2	1						4															
	9:45 am	1	2	1						4															
	10:15 am	1	2	1						4															
	10:15 am	1	2	1						4															
	12:15 pm	1	2	1						4															
	12:15 pm	1	2	1						4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

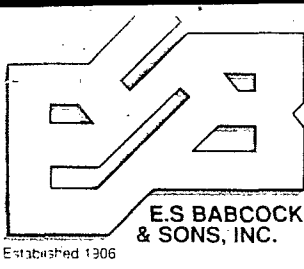
Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<i>Jeff Allard</i>	Jeff Allard / RWD&B R7	6-26-03		

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice?	Yes	No	Temperature
Custody Seal(s) Intact?	Yes	No	N/A
Sample(s) Intact?	Yes	No	°C

Lab No. 173F1187  
 JUL 21 2003 Page 1 of 1





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6100 Quail Valley Court Riverside, CA 92507-0704  
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PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 30  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 08-Jul-2003  
Work Order Number: A3F0999

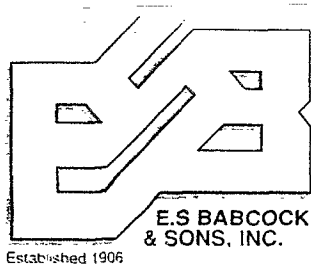
Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3F0999-01	SS-OG-2.0 Salton Sea Nutrients	Liquid	06/23/03 07:40	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-02	SS-ED-2.0 Salton Sea Nutrients	Liquid	06/23/03 08:17	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-03	SS-ED-2.1 Salton Sea Nutrients	Liquid	06/23/03 08:17	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-04	SS-AV83-2.0 Salton Sea Nutrients	Liquid	06/23/03 08:55	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-05	SS-DD-2.0 Salton Sea Nutrients	Liquid	06/23/03 09:25	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-06	SS-CD-2.0 Salton Sea Nutrients	Liquid	06/23/03 10:25	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-07	SS-LO-2.0 Salton Sea Nutrients	Liquid	06/23/03 10:50	Jeff Allre	06/23/03 13:00	Alexande
A3F0999-08	SS-AV79-2.0 Salton Sea Nutrients	Liquid	06/23/03 11:18	Jeff Allre	06/23/03 13:00	Alexande





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 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

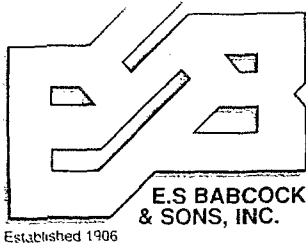
Laboratory Reference Number  
**A3F0999-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-OG-2.0	Liquid	06/23/03 07:40	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	1900	3.0 mg/L	EPA 200.7	06/25/03 10:26	lmt	
Calcium	310	1.0 mg/L	EPA 200.7	06/25/03 10:26	lmt	
Magnesium	260	1.0 mg/L	EPA 200.7	06/25/03 10:26	lmt	
<b>Anions</b>						
Total Alkalinity	270	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	330	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	1100	5.0 mg/L	EPA 300.0	06/24/03 18:57	CTH	
Nitrate as N	2.3	2.0 mg/L	EPA 300.0	06/24/03 18:57	CTH	
<b>Solids</b>						
Total Suspended Solids	9	5 mg/L	SM 2540D	06/25/03 16:09	aeH	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Total Organic Carbon	11	0.70 mg/L	SM 5310B	06/27/03 17:20	la	
Chemical Oxygen Demand	92	10 mg/L	SM5220D	07/07/03 16:42	cth	N_UNP
<b>General Physical</b>						
Turbidity	3.7	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	4.3	2.2 mg/L	SM 4500NO2 B	06/25/03 13:40	aeH	
Ammonia-Nitrogen	0.39	0.10 mg/L	SM4500NH3H	06/25/03 11:04	sll	
Nitrite as N	0.11	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeH	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

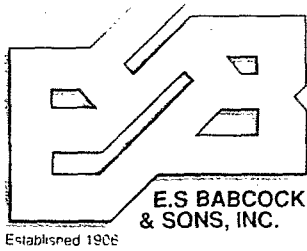
Laboratory Reference Number  
**A3F0999-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-OG-2.0 Salton Sea Nutrients	Liquid	06/23/03 07:40	06/23/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Kjeldahl Nitrogen	1.9	0.10 mg/L	EPA 351.2	06/25/03 13:40	sll	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	ND	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

\*Reportable Detection Limit





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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

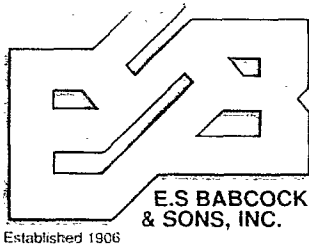
Laboratory Reference Number  
**A3F0999-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ED-2.0	Liquid	06/23/03 08:17	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	810	3.0 mg/L	EPA 200.7	06/25/03 10:29	lmt	
Calcium	180	1.0 mg/L	EPA 200.7	06/25/03 10:29	lmt	
Magnesium	86	1.0 mg/L	EPA 200.7	06/25/03 10:29	lmt	
<b>Anions</b>						
Total Alkalinity	260	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	320	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	770	2.5 mg/L	EPA 300.0	06/24/03 19:04	CTH	
Nitrate as N	5.9	1.0 mg/L	EPA 300.0	06/24/03 19:04	CTH	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	22	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	3.2	0.70 mg/L	SM 5310B	06/27/03 17:30	la	
<b>General Physical</b>						
Turbidity	2.1	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	6.5	1.2 mg/L	SM 4500NO2 B	07/01/03 07:32	aeh	
Ammonia-Nitrogen	0.30	0.10 mg/L	SM4500NH3H	06/25/03 11:05	sil	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

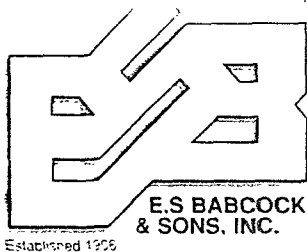
Laboratory Reference Number  
**A3F0999-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ED-2.0 Salton Sea Nutrients	Liquid	06/23/03 08:17	06/23/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Kjeldahl Nitrogen	0.64	0.10 mg/L	EPA 351.2	07/01/03 07:32	sl	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	ND	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste 100  
 Palm Desert, CA 92260

Analytical Report: Page 6 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

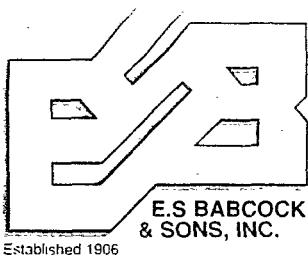
Laboratory Reference Number  
**A3F0999-03**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-ED-2.1 Salton Sea Nutrients	Liquid	06/23/03 08:17	06/23/03 13:00

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	810	3.0 mg/L	EPA 200.7	06/25/03 10:32	lmt	
Calcium	180	1.0 mg/L	EPA 200.7	06/25/03 10:32	lmt	
Magnesium	87	1.0 mg/L	EPA 200.7	06/25/03 10:32	lmt	
<b>Anions</b>						
Total Alkalinity	260	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	320	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	810	2.5 mg/L	EPA 300.0	06/24/03 19:11	CTH	
Nitrate as N	6.3	1.0 mg/L	EPA 300.0	06/24/03 19:11	CTH	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	15	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	3.0	0.70 mg/L	SM 5310B	06/27/03 17:39	la	
<b>General Physical</b>						
Turbidity	2.4	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	6.9	1.2 mg/L	SM 4500NO2 B	07/01/03 07:33	aeh	
Ammonia-Nitrogen	0.24	0.10 mg/L	SM4500NH3H	06/25/03 11:06	sil	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 7 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

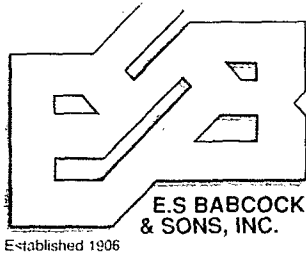
Laboratory Reference Number  
**A3F0999-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ED-2.1	Liquid	06/23/03 08:17	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>							
Kjeldahl Nitrogen	0.63	0.10	mg/L	EPA 351.2	07/01/03 07:33	sl	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	ND	0.05	mg/L	SM 4500P B E	06/26/03 17:30	jme	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

Laboratory Reference Number  
**A3F0999-04**

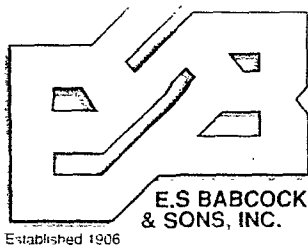
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AV83-2.0	Liquid	06/23/03 08:55	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	850	3.0 mg/L	EPA 200.7	06/25/03 10:35	lmt	
Calcium	240	1.0 mg/L	EPA 200.7	06/25/03 10:35	lmt	
Magnesium	57	1.0 mg/L	EPA 200.7	06/25/03 10:35	lmt	
<b>Anions</b>						
Total Alkalinity	290	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	360	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	560	2.5 mg/L	EPA 300.0	06/24/03 19:18	CTH	
Nitrate as N	49	1.0 mg/L	EPA 300.0	06/24/03 19:18	CTH	
<b>Solids</b>						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	20	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	6.9	0.70 mg/L	SM 5310B	06/27/03 17:52	la	
<b>General Physical</b>						
Turbidity	0.34	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	49	1.2 mg/L	SM 4500NO2 B	07/01/03 07:34	aeh	
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/25/03 11:07	sil	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit







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 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr., Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 9 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

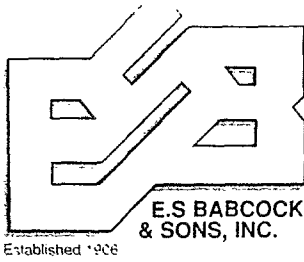
Laboratory Reference Number  
**A3F0999-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AV83-2.0 Salton Sea Nutrients	Liquid	06/23/03 08:55	06/23/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Kjeldahl Nitrogen	ND	0.10 mg/L	EPA 351.2	07/01/03 07:34	sll	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	ND	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

\*Reportable Detection Limit





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 Palm Desert, CA 92260

Analytical Report: Page 10 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

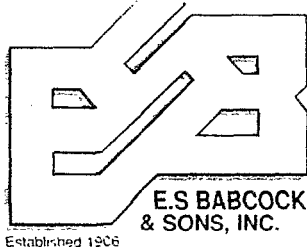
Laboratory Reference Number  
**A3F0999-05**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-DD-2.0 Salton Sea Nutrients	Liquid	06/23/03 09:25	06/23/03 13:00

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	600	3.0 mg/L	EPA 200.7	06/25/03 10:41	lmt	
Calcium	160	1.0 mg/L	EPA 200.7	06/25/03 10:41	lmt	
Magnesium	44	1.0 mg/L	EPA 200.7	06/25/03 10:41	lmt	
<b>Anions</b>						
Total Alkalinity	180	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	210	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	560	2.5 mg/L	EPA 300.0	06/24/03 19:25	CTH	
Nitrate as N	6.0	1.0 mg/L	EPA 300.0	06/24/03 19:25	CTH	
<b>Solids</b>						
Total Suspended Solids	210	20 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	10 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	65	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	13	3.5 mg/L	SM 5310B	06/27/03 18:01	la	
<b>General Physical</b>						
Turbidity	61	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	10	1.2 mg/L	SM 4500NO2 B	07/01/03 07:35	aeh	
Ammonia-Nitrogen	0.63	0.10 mg/L	SM4500NH3H	06/25/03 11:08	sll	
Nitrite as N	0.34	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit





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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

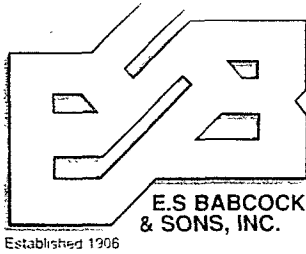
Laboratory Reference Number  
**A3F0999-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-DD-2.0	Liquid	06/23/03 09:25	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	4.1	0.10 mg/L	EPA 351.2	07/01/03 07:35	sll	
Ortho Phosphate Phosphorus	0.17	0.050 mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	1.6	0.10 mg/L	SM 4500P B E	06/27/03 17:30	jme	

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Analytical Report: Page 12 of 30  
 Project Name: IFB Number 79170-86 (10/1  
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 Report Date: 08-Jul-2003  
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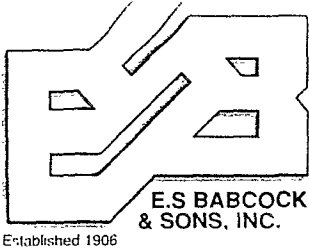
Laboratory Reference Number  
**A3F0999-06**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CD-2.0 Salton Sea Nutrients	Liquid	06/23/03 10:25	06/23/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>						
Total Hardness	700	3.0 mg/L	EPA 200.7	06/25/03 10:44	lmt	
Calcium	170	1.0 mg/L	EPA 200.7	06/25/03 10:44	lmt	
Magnesium	66	1.0 mg/L	EPA 200.7	06/25/03 10:44	lmt	
<b>Anions</b>						
Total Alkalinity	280	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	340	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	650	2.5 mg/L	EPA 300.0	06/24/03 19:32	CTH	
Nitrate as N	17	1.0 mg/L	EPA 300.0	06/24/03 19:32	CTH	
<b>Solids</b>						
Total Suspended Solids	15	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	11	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	6.7	0.70 mg/L	SM 5310B	06/27/03 18:13	la	
<b>General Physical</b>						
Turbidity	6.2	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	17	1.2 mg/L	SM 4500NO2 B	07/01/03 07:36	aeh	
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/25/03 11:09	sl	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit





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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

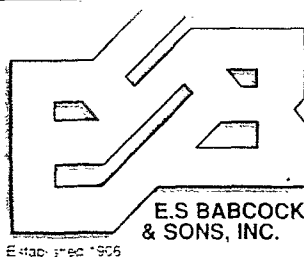
Laboratory Reference Number  
**A3F0999-06**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CD-2.0	Liquid	06/23/03 10:25	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients							
Ortho Phosphate Phosphorus	0.10	0.050	mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	0.20	0.05	mg/L	SM 4500P B E	06/26/03 17:30	jme	
Kjeldahl Nitrogen	0.66	0.10	mg/L	EPA 351.2	07/03/03 06:55	sl	

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Analytical Report: Page 14 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0

Report Date: 08-Jul-2003

Work Order Number: A3F0999

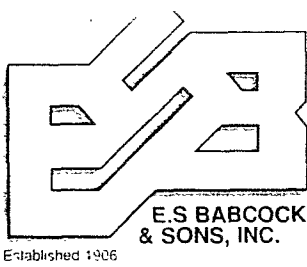
Laboratory Reference Number  
**A3F0999-07**

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
SS-LO-2.0 Salton Sea Nutrients	Liquid	06/23/03 10:50	06/23/03 13:00

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	310	3.0 mg/L	EPA 200.7	06/25/03 10:47	lmt	
Calcium	77	1.0 mg/L	EPA 200.7	06/25/03 10:47	lmt	
Magnesium	28	1.0 mg/L	EPA 200.7	06/25/03 10:47	lmt	
<b>Anions</b>						
Total Alkalinity	140	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	170	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	270	0.50 mg/L	EPA 300.0	06/24/03 19:38	CTH	
Nitrate as N	ND	0.20 mg/L	EPA 300.0	06/24/03 19:38	CTH	
<b>Solids</b>						
Total Suspended Solids	8	5 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	ND	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	ND	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	3.0	0.70 mg/L	SM 5310B	06/27/03 18:23	la	
<b>General Physical</b>						
Turbidity	4.9	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	ND	0.40 mg/L	SM 4500NO2 B	07/01/03 07:39	aeh	
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	06/25/03 11:12	sll	
Nitrite as N	ND	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

\*Reportable Detection Limit





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 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

Laboratory Reference Number  
**A3F0999-07**

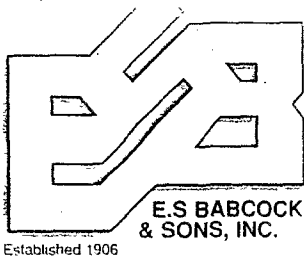
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-LO-2.0	Liquid	06/23/03 10:50	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	0.32	0.10 mg/L	EPA 351.2	07/01/03 07:39	sil	
Ortho Phosphate Phosphorus	ND	0.050 mg/L	SM 4500P E	06/24/03 11:10	hga	
Total Phosphorus	ND	0.05 mg/L	SM 4500P B E	06/26/03 17:30	jme	

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Analytical Report: Page 16 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

Laboratory Reference Number  
**A3F0999-08**

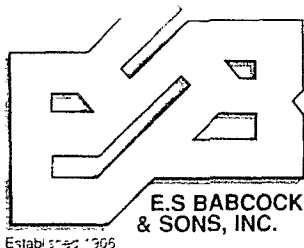
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AV79-2.0	Liquid	06/23/03 11:18	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	200	3.0 mg/L	EPA 200.7	06/25/03 10:48	lmt	
Calcium	51	1.0 mg/L	EPA 200.7	06/25/03 10:48	lmt	
Magnesium	17	1.0 mg/L	EPA 200.7	06/25/03 10:48	lmt	
<b>Anions</b>						
Total Alkalinity	130	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Carbonate	ND	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Bicarbonate	160	3.0 mg/L	SM 2320B	06/24/03 17:43	era	
Sulfate	170	0.50 mg/L	EPA 300.0	06/24/03 19:45	CTH	
Nitrate as N	0.45	0.20 mg/L	EPA 300.0	06/24/03 19:45	CTH	
<b>Solids</b>						
Total Suspended Solids	260	40 mg/L	SM 2540D	06/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	32	5 mg/L	SM 5210B	06/23/03 19:50	cth	
Chemical Oxygen Demand	170	10 mg/L	SM5220D	06/26/03 17:09	cth	
Total Organic Carbon	20	3.5 mg/L	SM 5310B	06/27/03 18:32	la	
<b>General Physical</b>						
Turbidity	82	0.20 NTU	SM 2130 B	06/23/03 19:36	era	
<b>Nutrients</b>						
Total Nitrogen	15	0.70 mg/L	SM 4500NO2 B	07/01/03 08:23	aeh	
Ammonia-Nitrogen	3.0	0.20 mg/L	SM4500NH3H	06/25/03 11:13	slf	
Nitrite as N	0.62	0.10 mg/L	SM 4500NO2 B	06/23/03 14:55	aeh	

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Analytical Report: Page 17 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

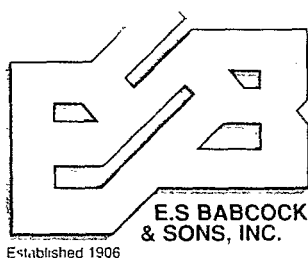
Laboratory Reference Number  
**A3F0999-08**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-AV79-2.0	Liquid	06/23/03 11:18	06/23/03 13:00
Salton Sea Nutrients			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	14	0.40 mg/L	EPA 351.2	07/01/03 08:23	sll	
Ortho Phosphate Phosphorus	0.36	0.050 mg/L	SM 4500P E	06/25/03 10:05	jme	
Total Phosphorus	3.6	0.25 mg/L	SM 4500P B E	06/26/03 17:30	jme	

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 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

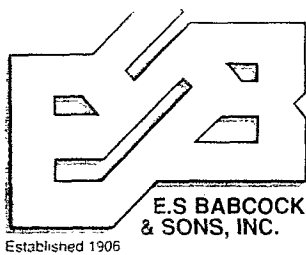
**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Flag
<b>Batch 3F24007 - EPA 3015A SOP M02A</b>										
<b>Blank (3F24007-BLK1)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Calcium	ND		1.0 mg/L							
Magnesium	ND		1.0 mg/L							
<b>LCS (3F24007-BS1)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Calcium	40.6		1.0 mg/L	40.1	101		85-115			
Magnesium	39.7		1.0 mg/L	40.1	99.0		85-115			
<b>Matrix Spike (3F24007-MS1)</b>				Source: A3F1007-01 Prepared: 06/24/03 Analyzed: 06/25/03						
Calcium	223		1.0 mg/L	40.1	180	107	70-130			
Magnesium	52.4		1.0 mg/L	40.1	11	103	70-130			
<b>Matrix Spike Dup (3F24007-MSD1)</b>				Source: A3F1007-01 Prepared: 06/24/03 Analyzed: 06/25/03						
Calcium	227		1.0 mg/L	40.1	180	117	70-130	1.78	20	
Magnesium	52.1		1.0 mg/L	40.1	11	102	70-130	0.574	20	

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 Project Name: IFB Number 79170-86 (10)  
 Project Number: 02-114-170-0  
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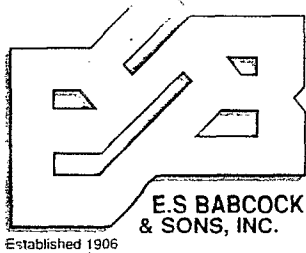
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Flag
<b>Batch 3F24041 - Analyzed as received</b>										
<b>Blank (3F24041-BLK1)</b> Prepared & Analyzed: 06/24/03										
Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							
<b>LCS (3F24041-BS1)</b> Prepared & Analyzed: 06/24/03										
Total Alkalinity	464	3.0	mg/L	471		98.5	90-110			
Carbonate	271	3.0	mg/L	268		101	90-110			
<b>Duplicate (3F24041-DUP1)</b> Source: A3F0999-01 Prepared & Analyzed: 06/24/03										
Total Alkalinity	277	3.0	mg/L		270			2.56	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	338	3.0	mg/L		330			2.40	10	
<b>Duplicate (3F24041-DUP2)</b> Source: A3F1023-01 Prepared & Analyzed: 06/24/03										
Total Alkalinity	173	3.0	mg/L		170			1.75	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	211	3.0	mg/L		210			0.475	10	
<b>Batch 3F24057 - Analyzed as received</b>										
<b>Blank (3F24057-BLK1)</b> Prepared & Analyzed: 06/24/03										
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							

\*Reportable Detection Limit



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 Project Name: IFB Number 79170-86 (10/03)  
 Project Number: 02-114-170-0  
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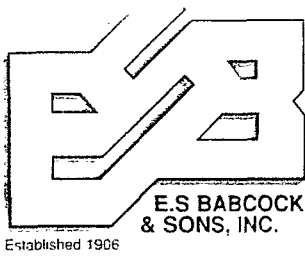
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F24057 - Analyzed as received</b>									
<b>Blank (3F24057-BLK2)</b>				Prepared & Analyzed: 06/24/03					
Sulfate	ND	0.50	mg/L						
Nitrate as N	ND	0.20	mg/L						
<b>LCS (3F24057-BS1)</b>				Prepared & Analyzed: 06/24/03					
Sulfate	94.7	0.50	mg/L	100	94.7	90-110			
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110			
<b>LCS (3F24057-BS2)</b>				Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	94.0	0.50	mg/L	100	94.0	90-110			
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110			
<b>Matrix Spike (3F24057-MS1)</b>				Source: A3F1037-01 Prepared & Analyzed: 06/24/03					
Sulfate	192	0.50	mg/L	100	78	114	85-137		
Nitrate as N	8.64	0.20	mg/L	4.52	3.8	107	80-114		
<b>Matrix Spike (3F24057-MS2)</b>				Source: A3F1059-05 Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	341	0.50	mg/L	100	230	111	85-137		
Nitrate as N	4.42	0.20	mg/L	4.52	0.20	93.4	80-114		
<b>Matrix Spike Dup (3F24057-MSD1)</b>				Source: A3F1037-01 Prepared & Analyzed: 06/24/03					
Sulfate	192	0.50	mg/L	100	78	114	85-137	0.00	20
Nitrate as N	8.60	0.20	mg/L	4.52	3.8	106	80-114	0.464	20
<b>Matrix Spike Dup (3F24057-MSD2)</b>				Source: A3F1059-05 Prepared: 06/24/03 Analyzed: 06/25/03					
Sulfate	345	0.50	mg/L	100	230	115	85-137	1.17	20
Nitrate as N	4.42	0.20	mg/L	4.52	0.20	93.4	80-114	0.00	20

\*Reportable Detection Limit



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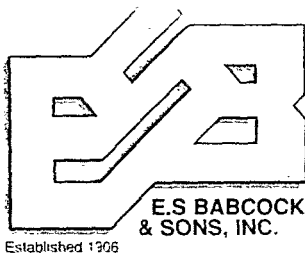
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 Project Name: IFB Number 79170-86 (10/1  
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 Work Order Number: A3F0999

**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Flag
<b>Batch 3F25014 - Analyzed as received</b>										
<b>Blank (3F25014-BLK1)</b>				Prepared & Analyzed: 06/25/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3F25014-BLK2)</b>				Prepared & Analyzed: 06/25/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3F25014-BS1)</b>				Prepared & Analyzed: 06/25/03						
Total Suspended Solids	476	10 mg/L		500		95.2	90-110			
<b>LCS (3F25014-BS2)</b>				Prepared & Analyzed: 06/25/03						
Total Suspended Solids	516	10 mg/L		500		103	90-110			
<b>Duplicate (3F25014-DUP1)</b>				Source: A3F0994-01 Prepared & Analyzed: 06/25/03						
Total Suspended Solids	306	20 mg/L			290			5.37	25	
<b>Duplicate (3F25014-DUP2)</b>				Source: A3F0995-01 Prepared & Analyzed: 06/25/03						
Total Suspended Solids	412	40 mg/L			400			2.96	25	
<b>Duplicate (3F25014-DUP3)</b>				Source: A3F1013-01 Prepared & Analyzed: 06/25/03						
Total Suspended Solids	268	20 mg/L			250			6.95	25	
<b>Duplicate (3F25014-DUP4)</b>				Source: A3F1016-01 Prepared & Analyzed: 06/25/03						
Total Suspended Solids	304	20 mg/L			270			11.8	25	

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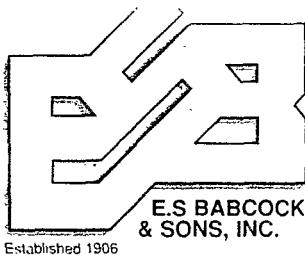
Analytical Report: Page 22 of 30  
 Project Name: IFB Number 79170-86 (10/1  
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 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3F23063 - Analyzed as received</b>										
<b>Blank (3F23063-BLK1)</b>	Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3F23063-BLK2)</b>	Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	ND		5 mg/L							
<b>LCS (3F23063-BS1)</b>	Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	195		5 mg/L	200		97.5	85-115			
<b>LCS (3F23063-BS2)</b>	Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	185		5 mg/L	200		92.5	85-115			
<b>Duplicate (3F23063-DUP1)</b>	Source: A3F0983-01 Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	290		5 mg/L		300			3.39	20	
<b>Duplicate (3F23063-DUP2)</b>	Source: A3F1016-01 Prepared & Analyzed: 06/23/03									
Biochemical Oxygen Demand	320		5 mg/L		320			0.00	20	
<b>Batch 3F26025 - Analyzed as received</b>										
<b>LCS (3F26025-BS1)</b>	Prepared & Analyzed: 06/26/03									
Chemical Oxygen Demand	242		10 mg/L	250		96.8	90-110			
<b>Matrix Spike (3F26025-MS1)</b>	Source: A3F1168-01 Prepared & Analyzed: 06/26/03									
Chemical Oxygen Demand	260		20 mg/L	250	24	94.4	80-120			
<b>Matrix Spike Dup (3F26025-MSD1)</b>	Source: A3F1168-01 Prepared & Analyzed: 06/26/03									
Chemical Oxygen Demand	274		20 mg/L	250	24	100	80-120	5.24	20	

\*Reportable Detection Limit





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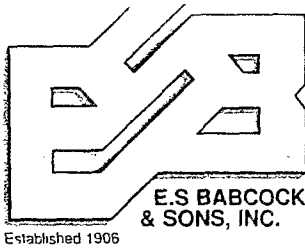
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27024 - Analyzed as received</b>										
<b>Blank (3F27024-BLK1)</b>				Prepared & Analyzed: 06/27/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>LCS (3F27024-BS1)</b>				Prepared & Analyzed: 06/27/03						
Total Organic Carbon	4.35	0.70	mg/L	4.00	109	90-110				
<b>Matrix Spike (3F27024-MS1)</b>				Source: A3F1056-01 Prepared & Analyzed: 06/27/03						
Total Organic Carbon	119	3.5	mg/L	20.0	100	95.0	80-120			
<b>Matrix Spike Dup (3F27024-MSD1)</b>				Source: A3F1056-01 Prepared & Analyzed: 06/27/03						
Total Organic Carbon	109	3.5	mg/L	20.0	100	45.0	80-120	8.77	10	QM-4X
<b>Batch 3G07030 - Analyzed as received</b>										
<b>Blank (3G07030-BLK1)</b>				Prepared & Analyzed: 07/07/03						
Chemical Oxygen Demand	ND	10	mg/L							
<b>LCS (3G07030-BS1)</b>				Prepared & Analyzed: 07/07/03						
Chemical Oxygen Demand	251	10	mg/L	250	100	90-110				
<b>Matrix Spike (3G07030-MS1)</b>				Source: A3G0237-01 Prepared & Analyzed: 07/07/03						
Chemical Oxygen Demand	292	20	mg/L	250	47	98.0	80-120			
<b>Matrix Spike Dup (3G07030-MSD1)</b>				Source: A3G0237-01 Prepared & Analyzed: 07/07/03						
Chemical Oxygen Demand	300	20	mg/L	250	47	101	80-120	2.70	20	

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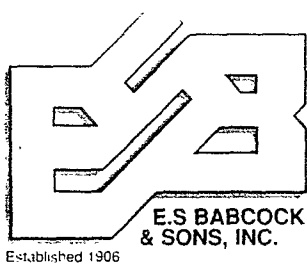
**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F23064 - Analyzed as received</b>										
<b>Blank (3F23064-BLK1)</b>				Prepared & Analyzed: 06/23/03						
Turbidity	ND	0.20	NTU							
<b>LCS (3F23064-BS1)</b>				Prepared & Analyzed: 06/23/03						
Turbidity	0.870	0.20	NTU	0.850		102	90-110			
<b>Duplicate (3F23064-DUP1)</b>				Source: A3F0982-01		Prepared & Analyzed: 06/23/03				
Turbidity	5.39	0.20	NTU		5.4			0.185	20	
<b>Duplicate (3F23064-DUP2)</b>				Source: A3F0999-05		Prepared & Analyzed: 06/23/03				
Turbidity	61.3	0.20	NTU		61			0.491	20	

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 Project Number: 02-114-170-0  
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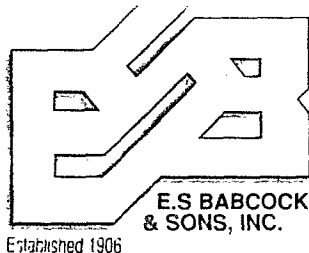
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F23041 - Analyzed as received</b>										
<b>LCS (3F23041-BS1)</b>				Prepared & Analyzed: 06/23/03						
Nitrite as N	1.00	0.10	mg/L	1.00		100	90-110			
<b>Matrix Spike (3F23041-MS1)</b>				Source: A3F0999-01 Prepared & Analyzed: 06/23/03						
Nitrite as N	1.07	0.10	mg/L	1.00	0.11	96.0	80-120			
<b>Matrix Spike Dup (3F23041-MSD1)</b>				Source: A3F0999-01 Prepared & Analyzed: 06/23/03						
Nitrite as N	1.08	0.10	mg/L	1.00	0.11	97.0	80-120	0.930	20	
<b>Batch 3F24001 - Analyzed as received</b>										
<b>Blank (3F24001-BLK1)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>Blank (3F24001-BLK2)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>LCS (3F24001-BS1)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	1.14	0.10	mg/L	1.00		114	80-120			
<b>LCS (3F24001-BS2)</b>				Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	1.13	0.10	mg/L	1.00		113	80-120			
<b>Matrix Spike (3F24001-MS1)</b>				Source: A3F0917-01 Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	99.9	4.0	mg/L	40.0	53	117	50-145			
<b>Matrix Spike (3F24001-MS2)</b>				Source: A3F0917-05 Prepared: 06/24/03 Analyzed: 06/25/03						
Kjeldahl Nitrogen	100	4.0	mg/L	40.0	57	108	50-145			

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07/10/2003



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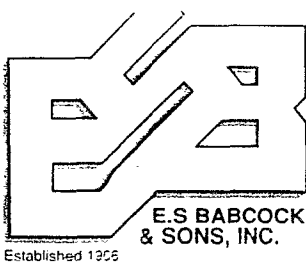
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F24001 - Analyzed as received</b>										
<b>Matrix Spike Dup (3F24001-MSD1)</b>				<b>Source: A3F0917-01</b>		<b>Prepared: 06/24/03 Analyzed: 06/25/03</b>				
Kjeldahl Nitrogen	95.7	4.0	mg/L	40.0	53	107	50-145	4.29	25	
<b>Matrix Spike Dup (3F24001-MSD2)</b>				<b>Source: A3F0917-05</b>		<b>Prepared: 06/24/03 Analyzed: 06/25/03</b>				
Kjeldahl Nitrogen	93.9	4.0	mg/L	40.0	57	92.2	50-145	6.29	25	
<b>Batch 3F24005 - Analyzed as received</b>										
<b>LCS (3F24005-BS1)</b>				<b>Prepared &amp; Analyzed: 06/24/03</b>						
Ortho Phosphate Phosphorus	0.531	0.050	mg/L	0.500		106	90-110			
<b>Matrix Spike (3F24005-MS1)</b>				<b>Source: A3F0999-07 Prepared &amp; Analyzed: 06/24/03</b>						
Ortho Phosphate Phosphorus	0.432	0.050	mg/L	0.500	ND	86.4	80-120			
<b>Matrix Spike Dup (3F24005-MSD1)</b>				<b>Source: A3F0999-07 Prepared &amp; Analyzed: 06/24/03</b>						
Ortho Phosphate Phosphorus	0.426	0.050	mg/L	0.500	ND	85.2	80-120	1.40	20	
<b>Batch 3F25003 - Analyzed as received</b>										
<b>Blank (3F25003-BLK1)</b>				<b>Prepared &amp; Analyzed: 06/25/03</b>						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F25003-BS1)</b>				<b>Prepared &amp; Analyzed: 06/25/03</b>						
Ammonia-Nitrogen	0.785	0.10	mg/L	0.780		101	90-110			
<b>Matrix Spike (3F25003-MS1)</b>				<b>Source: A3F0999-01 Prepared &amp; Analyzed: 06/25/03</b>						
Ammonia-Nitrogen	1.06	0.10	mg/L	0.780	0.39	85.9	80-120			

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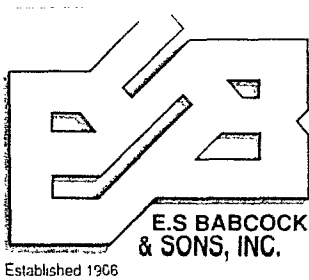
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**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F25003 - Analyzed as received</b>										
<b>Matrix Spike Dup (3F25003-MSD1)</b>				<b>Source: A3F0999-01</b>		<b>Prepared &amp; Analyzed: 06/25/03</b>				
Ammonia-Nitrogen	1.10	0.10	mg/L	0.780	0.39	91.0	80-120	3.70	20	
<b>Batch 3F25017 - Analyzed as received</b>										
<b>LCS (3F25017-BS1)</b>				<b>Prepared &amp; Analyzed: 06/25/03</b>						
Ortho Phosphate Phosphorus	0.512	0.050	mg/L	0.500		102	90-110			
<b>Matrix Spike (3F25017-MS1)</b>				<b>Source: A3F0999-08 Prepared &amp; Analyzed: 06/25/03</b>						
Ortho Phosphate Phosphorus	0.821	0.050	mg/L	0.500	0.36	92.2	80-120			
<b>Matrix Spike Dup (3F25017-MSD1)</b>				<b>Source: A3F0999-08 Prepared &amp; Analyzed: 06/25/03</b>						
Ortho Phosphate Phosphorus	0.837	0.050	mg/L	0.500	0.36	95.4	80-120	1.93	20	
<b>Batch 3F26033 - Acid Digest</b>										
<b>LCS (3F26033-BS1)</b>				<b>Prepared &amp; Analyzed: 06/26/03</b>						
Total Phosphorus	0.515	0.05	mg/L	0.500		103	90-110			
<b>Matrix Spike (3F26033-MS1)</b>				<b>Source: A3F0999-01 Prepared &amp; Analyzed: 06/26/03</b>						
Total Phosphorus	0.548	0.05	mg/L	0.500	0.04	102	80-120			
<b>Matrix Spike Dup (3F26033-MSD1)</b>				<b>Source: A3F0999-01 Prepared &amp; Analyzed: 06/26/03</b>						
Total Phosphorus	0.548	0.05	mg/L	0.500	0.04	102	80-120	0.00	20	
<b>Batch 3F27013 - Analyzed as received</b>										
<b>Blank (3F27013-BLK1)</b>				<b>Prepared: 06/27/03 Analyzed: 07/01/03</b>						
Kjeldahl Nitrogen	ND	0.10	mg/L							

\*Reportable Detection Limit





NELAP #02101CA ELAP#1156  
 6100 Quail Valley Court Riverside, CA 92507-0704  
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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 28 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

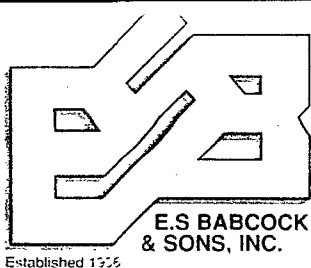
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27013 - Analyzed as received</b>										
<b>Blank (3F27013-BLK2)</b>				Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>LCS (3F27013-BS1)</b>				Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	0.997	0.10	mg/L	1.00		99.7	80-120			
<b>LCS (3F27013-BS2)</b>				Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.04	0.10	mg/L	1.00		104	80-120			
<b>Matrix Spike (3F27013-MS1)</b>				Source: A3F0999-04 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.09	0.10	mg/L	1.00	ND	109	50-145			
<b>Matrix Spike (3F27013-MS2)</b>				Source: A3F1037-01 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	2.16	0.10	mg/L	1.00	1.0	116	50-145			
<b>Matrix Spike Dup (3F27013-MSD1)</b>				Source: A3F0999-04 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	1.21	0.10	mg/L	1.00	ND	121	50-145	10.4	25	
<b>Matrix Spike Dup (3F27013-MSD2)</b>				Source: A3F1037-01 Prepared: 06/27/03 Analyzed: 07/01/03						
Kjeldahl Nitrogen	2.66	0.10	mg/L	1.00	1.0	166	50-145	20.7	25	CMSD
<b>Batch 3F27038 - Acid Digest</b>										
<b>LCS (3F27038-BS1)</b>				Prepared & Analyzed: 06/27/03						
Total Phosphorus	0.519	0.05	mg/L	0.500		104	90-110			
<b>Matrix Spike (3F27038-MS1)</b>				Source: A3F1036-05 Prepared & Analyzed: 06/27/03						
Total Phosphorus	0.609	0.05	mg/L	0.500	0.12	97.8	80-120			

\*Reportable Detection Limit



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Analytical Report: Page 29 of 30  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 08-Jul-2003  
 Work Order Number: A3F0999

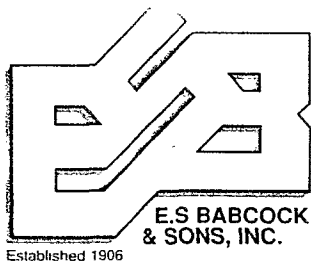
### Nutrients - Batch Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F27038 - Acid Digest</b>										
<b>Matrix Spike Dup (3F27038-MSD1)</b> Source: A3F1036-05 Prepared & Analyzed: 06/27/03										
Total Phosphorus	0.633	0.05	mg/L	0.500	0.12	103	80-120	3.86	20	
<b>Batch 3G01027 - Analyzed as received</b>										
<b>Blank (3G01027-BLK1)</b> Prepared: 07/01/03 Analyzed: 07/03/03										
Kjeldahl Nitrogen	ND		0.10 mg/L							
<b>LCS (3G01027-BS1)</b> Prepared: 07/01/03 Analyzed: 07/03/03										
Kjeldahl Nitrogen	0.978	0.10	mg/L	1.00		97.8	80-120			
<b>Matrix Spike (3G01027-MS1)</b> Source: A3F1273-01 Prepared: 07/01/03 Analyzed: 07/03/03										
Kjeldahl Nitrogen	60.4	2.0	mg/L	20.0	37	117	50-145			
<b>Matrix Spike Dup (3G01027-MSD1)</b> Source: A3F1273-01 Prepared: 07/01/03 Analyzed: 07/03/03										
Kjeldahl Nitrogen	55.5	2.0	mg/L	20.0	37	92.5	50-145	8.46	25	

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Palm Desert, CA 92260

Analytical Report: Page 30 of 30  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 08-Jul-2003  
**Work Order Number: A3F0999**

### Notes and Definitions

- N\_UNP Result reported on an unpreserved sample.
- QM-4X Recoveries for the MS and/or MSD did not meet laboratory acceptance criteria due to analyte concentration greater than or equal to 4 times the spike concentration.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

---

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

- 
- James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



JUL 10 2003



E.S. Babcock & Sons, Inc.  
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 (909) 653-3351 • FAX (909) 653-1662

# Chain of Custody & Sample Information Record

Client: CRWQCB-R7 Contact: DOUG WYLIE Phone No. (760) 346-6585

Project Name: SALTON SEA NUTRIENTS Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours

Project Location: SALTON SEA

(Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives					Analysis Requested										Matrix	Notes				
Name: <u>JEFF ALLRED</u>				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	NITRATE - N	NITRITE - N	AMMONIA - N	TKN	TOTAL PHOSPHOROUS	ORTHOPHOSPHATE	BOD CO <sub>2</sub> TOC	SULFATE	TSS TURBIDITY	HARDNESS	ALKALINITY	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous		
Employer: <u>CRWQCB-R7</u>																								
Signature: <u>Jeff Allred</u>																								
ESB #	Sample ID	Date	Time																					
1	SS-06-2.0 (1-4)	6/23/03	7:40am	1	2	1				4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	SURFACE WATER		
2	SS-ED-2.0 (5-8)	↓	8:17am	1	2	1				4	✓	✓												
3	SS-ED-2.1 (9-12)		8:17am	1	2	1				4														
4	SS-AV74-2.0 (13-16)		8:25am	1	2	1				4														
5	SS-DE-2.0 (17-20)		9:25am	1	2	1				4														
6	SS-CD-2.0 (21-24)		10:25am	1	2	1				4														
7	SS-LO-2.0 (25-28)		10:50am	1	2	1				4														
8	SS-AV74-2.0 (29-32)		11:18am	1	2	1				4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Jeff Allred</u>	<u>Jeff Allred / CRWQCB-R7</u>	<u>6/23/03 / 11:45am</u>	<u>[Signature]</u>	<u>[Signature]</u>
<u>Alexander White</u>	<u>Alexander White / CRWQCB-R7</u>	<u>6/23/03 / 1:00</u>	<u>[Signature]</u>	<u>Karen Tracy (ESA)</u>

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice? Yes No

Custody Seal(s) Intact? Yes No N/A

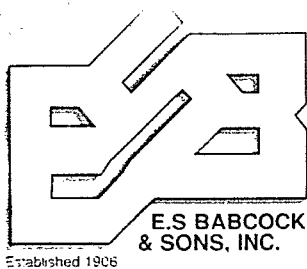
Sample(s) Intact? Yes No

Temperature 3 °C

RECEIVED  
JUL 10 2003

Lab No. UBF0998

Page 1 of 1



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www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
**Work Order Number: A3E1268**

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

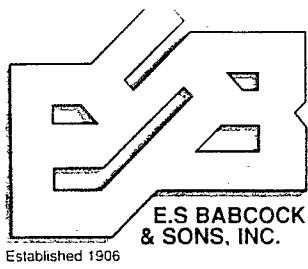
### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3E1268-01	IVD-ND2-2.0 I.V. Drains	Liquid	05/29/03 08:50	Jeff Allre	05/30/03 08:45	Alexande
A3E1268-02	IVD-ND2-2.1 I.V. Drains	Liquid	05/29/03 08:50	Jeff Allre	05/30/03 08:45	Alexande
A3E1268-03	IVD-PD-2.0 I.V. Drains	Liquid	05/29/03 09:20	Jeff Allre	05/30/03 08:45	Alexande
A3E1268-04	IVD-PUMD-2.0 I.V. Drains	Liquid	05/29/03 11:00	Jeff Allre	05/30/03 08:45	Alexande
A3E1268-05	IVD-PUMD-2.4 I.V. Drains	Liquid	05/29/03 11:00	Jeff Allre	05/30/03 08:45	Alexande



2003





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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3E1268

Laboratory Reference Number  
**A3E1268-01**

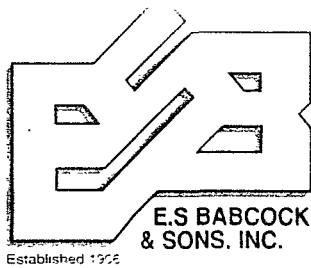
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.0 I.V. Drains	Liquid	05/29/03 08:50	05/30/03 8:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	140	10 mg/L	SM 2540D	06/02/03 15:58	aeH	
General Physical						
Turbidity	120	0.20 NTU	SM 2130 B	05/30/03 19:37	era	

\*Reportable Detection Limit



JUN - 9 2003



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 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3E1268

Laboratory Reference Number  
**A3E1268-02**

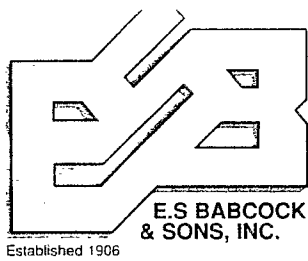
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.1 I.V. Drains	Liquid	05/29/03 08:50	05/30/03 8:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	130	20 mg/L	SM 2540D	06/02/03 15:58	aeh	
General Physical						
Turbidity	110	0.20 NTU	SM 2130 B	05/30/03 19:37	era	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3E1268

Laboratory Reference Number  
**A3E1268-03**

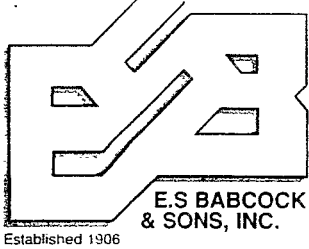
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PD-2.0 I.V. Drains	Liquid	05/29/03 09:20	05/30/03 8:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	160	10 mg/L	SM 2540D	06/02/03 15:58	aeh	
General Physical						
Turbidity	160	0.20 NTU	SM 2130 B	05/30/03 19:37	era	

\*Reportable Detection Limit



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Analytical Report: Page 5 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3E1268

Laboratory Reference Number  
**A3E1268-04**

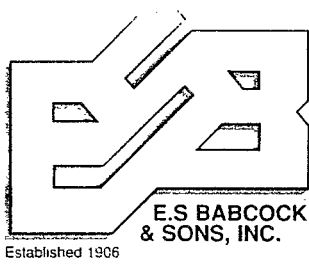
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.0 I.V. Drains	Liquid	05/29/03 11:00	05/30/03 8:45

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	180	10 mg/L	SM 2540D	06/02/03 15:58	aeh	
General Physical						
Turbidity	130	0.20 NTU	SM 2130 B	05/30/03 19:37	era	

\*Reportable Detection Limit



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Analytical Report: Page 6 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3E1268

Laboratory Reference Number  
**A3E1268-05**

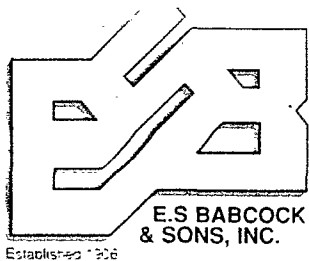
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.4 I.V. Drains	Liquid	05/29/03 11:00	05/30/03 8:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/02/03 15:58	aeh	
General Physical						
Turbidity	ND	0.20 NTU	SM 2130 B	05/30/03 19:37	era	

\*Reportable Detection Limit



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Analytical Report: Page 7 of 9  
 Project Name: IFB Number 79170-86 (10/1  
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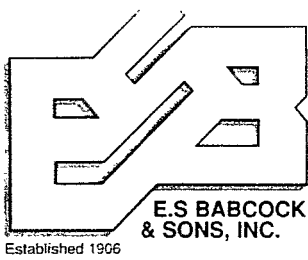
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3F02015 - Analyzed as received</b>										
<b>Blank (3F02015-BLK1)</b>										
Total Suspended Solids	ND		5 mg/L							
Prepared & Analyzed: 06/02/03										
<b>Blank (3F02015-BLK2)</b>										
Total Suspended Solids	ND		5 mg/L							
Prepared & Analyzed: 06/02/03										
<b>LCS (3F02015-BS1)</b>										
Total Suspended Solids	481		10 mg/L	500		96.2	90-110			
Prepared & Analyzed: 06/02/03										
<b>LCS (3F02015-BS2)</b>										
Total Suspended Solids	489		10 mg/L	500		97.8	90-110			
Prepared & Analyzed: 06/02/03										
<b>Duplicate (3F02015-DUP1)</b>										
Total Suspended Solids	272		40 mg/L		300			9.79	25	
Source: A3E1271-02 Prepared & Analyzed: 06/02/03										
<b>Duplicate (3F02015-DUP2)</b>										
Total Suspended Solids	334		20 mg/L		340			1.78	25	
Source: A3E1275-01 Prepared & Analyzed: 06/02/03										
<b>Duplicate (3F02015-DUP3)</b>										
Total Suspended Solids	380		20 mg/L		380			0.00	25	
Source: A3E1280-13 Prepared & Analyzed: 06/02/03										
<b>Duplicate (3F02015-DUP4)</b>										
Total Suspended Solids	306		20 mg/L		330			7.55	25	
Source: A3E1280-14 Prepared & Analyzed: 06/02/03										

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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003

**Work Order Number: A3E1268**

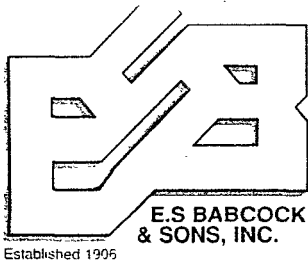
**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E30024 - Analyzed as received</b>									
<b>Blank (3E30024-BLK1)</b>				Prepared & Analyzed: 05/30/03					
Turbidity	ND	0.20	NTU						
<b>LCS (3E30024-BS1)</b>				Prepared & Analyzed: 05/30/03					
Turbidity	0.833	0.20	NTU	0.850	98.0	90-110			
<b>Duplicate (3E30024-DUP1)</b>				Source: A3E1264-01 Prepared & Analyzed: 05/30/03					
Turbidity	4.08	0.20	NTU	3.9			4.51	20	
<b>Duplicate (3E30024-DUP2)</b>				Source: A3E1268-04 Prepared & Analyzed: 05/30/03					
Turbidity	131	0.20	NTU	130			0.766	20	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 9 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
**Work Order Number: A3E1268**

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

---

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

---

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



JUN - 9 2003



E.S. Babcock & Sons, Inc.  
6100 Quail Valley Court Riverside, CA 92507

# Chain of Custody & Sample Information Record

E.S. BABCOCK  
& SONS, INC.

(909) 653-3351 • FAX (909) 653-1662

Client: ~~I.V. DRINKS~~ CRWQCB - R7

Contact: DOUG WYLIE

Phone No. (760) 315-6595

Project Name: I.V. DRINKS

Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours

(Rushes  
Require Approval,  
Additional Charges  
May Apply)

Project Location:

Sampler Information

Name: Jeff Allred

Employer: CRWQCB - R7

Signature: *Jeff Allred*

# of Containers & Preservatives

Total # of Containers

Analysis Requested

Matrix

Notes

DW = Drinking Water  
WW = Wastewater  
GW = Groundwater  
S = Soil  
SG = Sludge  
L = Liquid  
M = Miscellaneous

ESB #	Sample ID	Date	Time
	IVD-ND2-2.0 (21)	5/29/03	8:50am
	IVD-ND2-2.1 (22)		8:50am
	IVD-PD-2.0 (23)		9:20am
	IVD-PVMD-2.0 (24)		11:00am
	IVD-PVMD-2A (25)		11:00am

Unpreserved

H<sub>2</sub>SO<sub>4</sub>

HCl

HNO<sub>3</sub>

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

NaOH

TSS  
TURBIDITY

*(Vertical stamp)*

Relinquished By (sign)

Print Name / Company

Date / Time

Received By (Sign)

Print Name / Company

*Jeff Allred*  
*Alexander White*

Jeff Allred / CRWQCB R-7  
Alexander White / CRWQCB R-7

5-29-03/4:00pm  
5/30/03/8:45

*Alexander White*  
*(Signature)*

Alexander White / CRWQCB R-7  
*(Signature)*

(For Lab Use Only)

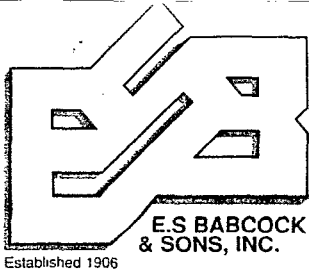
Sample Integrity Upon Receipt

Sample(s) Submitted on Ice?  Yes  No  
Custody Seal(s) Intact?  Yes  No  N/A  
Sample(s) Intact?  Yes  No

Temperature  
4 °C

Lab No. R31 1268 me

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2003 data

7.32

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Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 24  
Project Name: Agreement Number 00-252-  
Project Number: [none]  
Report Date: 06-May-2003  
Work Order Number: A3D1086

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

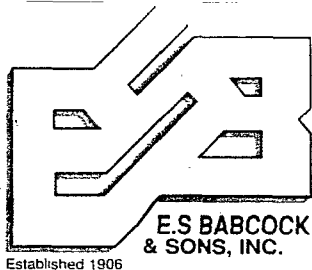
### Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Received	By
A3D1086-01	SS-CVSWC-2.0 Salton Sea	Liquid	04/21/03 07:30	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1086-02	SS-CVSWC-2.1 Salton Sea	Liquid	04/21/03 07:30	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1086-03	SS-ARO-2.0 Salton Sea	Liquid	04/21/03 09:45	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1086-04	SS-NRO-2.0 Salton Sea	Liquid	04/21/03 13:30	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1086-05	SS-NRO-2.4 Salton Sea	Liquid	04/21/03 13:30	Jeff Allre	04/22/03 15:03	Jeff Allre

Validation  
By 5/21

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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-01**

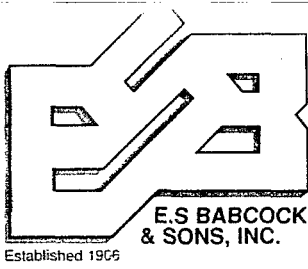
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0 Salton Sea	Liquid	04/21/03 07:30	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	340	3.0 mg/L	EPA 200.7	05/02/03 17:27	lmt	
Calcium	93	1.0 mg/L	EPA 200.7	05/02/03 17:27	lmt	
Magnesium	25	1.0 mg/L	EPA 200.7	05/02/03 17:27	lmt	
<b>Anions</b>						
Total Alkalinity	190	3.0 mg/L	SM 2320B	04/23/03 13:53	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	04/23/03 13:53	era	
Carbonate	ND	3.0 mg/L	SM 2320B	04/23/03 13:53	era	
Bicarbonate	240	3.0 mg/L	SM 2320B	04/23/03 13:53	era	
Sulfate	390	0.50 mg/L	EPA 300.0	04/23/03 12:02	CTH	
Nitrate as N	6.6	0.20 mg/L	EPA 300.0	04/23/03 12:02	CTH	N_HTa
<b>Solids</b>						
Total Suspended Solids	46	5 mg/L	SM 2540D	04/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	13	5 mg/L	SM 5210B	04/22/03 18:57	era	
Chemical Oxygen Demand	42	10 mg/L	SM5220D	04/24/03 17:08	cth	
Total Organic Carbon	8.4	0.70 mg/L	SM 5310B	04/29/03 19:16	jme	
<b>General Physical</b>						
Turbidity	14	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa
<b>Nutrients</b>						
Total Nitrogen	11	0.40 mg/L	SM 4500NO2 B	04/28/03 09:36	mml	
Ammonia-Nitrogen	2.0	0.10 mg/L	SM4500NH3H	04/25/03 15:48	sll	
Nitrite as N	0.42	0.10 mg/L	SM 4500NO2 B	04/22/03 20:00	mml	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number

**A3D1086-01**

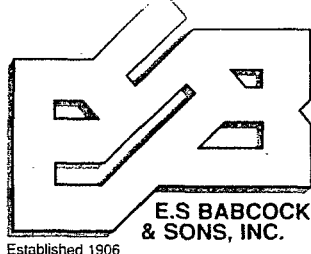
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0 Salton Sea	Liquid	04/21/03 07:30	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	4.2	0.10 mg/L	EPA 351.2	04/28/03 09:36	sll	
Ortho Phosphate Phosphorus	0.88	0.050 mg/L	SM 4500P E	04/23/03 07:25	hga	
Total Phosphorus	1.4	0.25 mg/L	SM 4500P B E	04/24/03 11:15	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
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 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-02**

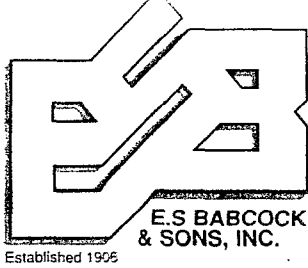
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.1 Salton Sea	Liquid	04/21/03 07:30	04/22/03 15:03

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>							
Total Hardness	340	3.0	mg/L	EPA 200.7	05/02/03 17:28	lmt	
Calcium	93	1.0	mg/L	EPA 200.7	05/02/03 17:28	lmt	
Magnesium	25	1.0	mg/L	EPA 200.7	05/02/03 17:28	lmt	
<b>Anions</b>							
Total Alkalinity	190	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Carbonate	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Bicarbonate	240	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Sulfate	390	0.50	mg/L	EPA 300.0	04/23/03 12:11	CTH	
Nitrate as N	6.6	0.20	mg/L	EPA 300.0	04/23/03 12:11	CTH	N_HTa
<b>Solids</b>							
Total Suspended Solids	44	5	mg/L	SM 2540D	04/25/03 16:09	aeH	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	13	5	mg/L	SM 5210B	04/22/03 18:57	era	
Chemical Oxygen Demand	38	10	mg/L	SM5220D	04/25/03 16:06	cth	
Total Organic Carbon	7.7	0.70	mg/L	SM 5310B	04/29/03 19:29	jme	
<b>General Physical</b>							
Turbidity	16	0.20	NTU	SM 2130 B	04/23/03 18:35	era	N_HTa
<b>Nutrients</b>							
Total Nitrogen	11	0.40	mg/L	SM 4500NO2 B	04/28/03 09:37	mml	
Ammonia-Nitrogen	2.0	0.10	mg/L	SM4500NH3H	04/25/03 15:49	slI	
Nitrite as N	0.42	0.10	mg/L	SM 4500NO2 B	04/22/03 20:00	mml	

\*Reportable Detection Limit



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Analytical Report: Page 5 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number:  
**A3D1086-02**

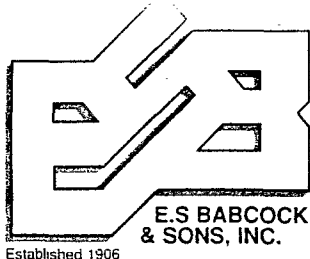
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.1 Salton Sea	Liquid	04/21/03 07:30	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	4.2	0.10 mg/L	EPA 351.2	04/28/03 09:37	sll	
Ortho Phosphate Phosphorus	0.88	0.050 mg/L	SM 4500P E	04/23/03 07:25	hga	
Total Phosphorus	2.7	0.25 mg/L	SM 4500P B E	04/24/03 11:15	hga	

\*Reportable Detection Limit



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Analytical Report: Page 6 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-03**

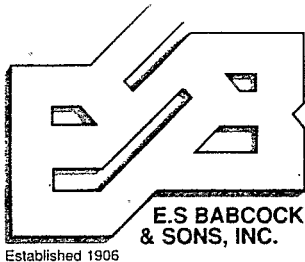
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ARO-2.0 Salton Sea	Liquid	04/21/03 09:45	04/22/03 15:03

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>							
Total Hardness	770	3.0	mg/L	EPA 200.7	05/02/03 17:30	lmt	
Calcium	170	1.0	mg/L	EPA 200.7	05/02/03 17:30	lmt	
Magnesium	81	1.0	mg/L	EPA 200.7	05/02/03 17:30	lmt	
<b>Anions</b>							
Total Alkalinity	220	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Carbonate	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Bicarbonate	260	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Sulfate	590	2.5	mg/L	EPA 300.0	04/23/03 23:22	CTH	
Nitrate as N	5.1	0.20	mg/L	EPA 300.0	04/23/03 12:21	CTH	N_HTa
<b>Solids</b>							
Total Suspended Solids	280	10	mg/L	SM 2540D	04/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	13	5	mg/L	SM 5210B	04/22/03 18:57	era	
Chemical Oxygen Demand	53	10	mg/L	SM5220D	04/25/03 16:06	cth	
Total Organic Carbon	8.3	1.4	mg/L	SM 5310B	04/29/03 19:38	jme	
<b>General Physical</b>							
Turbidity	190	0.20	NTU	SM 2130 B	04/23/03 18:35	era	N_HTa
<b>Nutrients</b>							
Total Nitrogen	8.8	0.40	mg/L	SM 4500NO2 B	04/28/03 09:40	mml	
Ammonia-Nitrogen	1.2	0.10	mg/L	SM4500NH3H	04/25/03 15:51	sll	
Nitrite as N	0.55	0.10	mg/L	SM 4500NO2 B	04/22/03 20:00	mml	

\*Reportable Detection Limit



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Contact: Maria De La Paz Carpio-Obeso  
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Palm Desert, CA 92260

Analytical Report: Page 7 of 24  
Project Name: Agreement Number 00-252-  
Project Number: [none]  
Report Date: 06-May-2003  
Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ARO-2.0 Salton Sea	Liquid	04/21/03 09:45	04/22/03 15:03

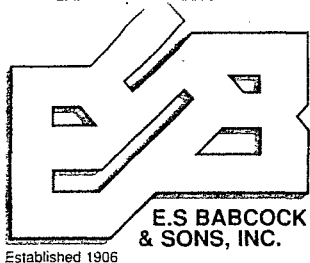
Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Nutrients						
Kjeldahl Nitrogen	3.1	0.10 mg/L	EPA 351.2	04/28/03 09:40	sil	
Ortho Phosphate Phosphorus	0.32	0.050 mg/L	SM 4500P E	04/23/03 08:00	hga	
Total Phosphorus	1.9	0.10 mg/L	SM 4500P B E	04/24/03 11:15	hga	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003

Work Order Number: A3D1086

Laboratory Reference Number

**A3D1086-04**

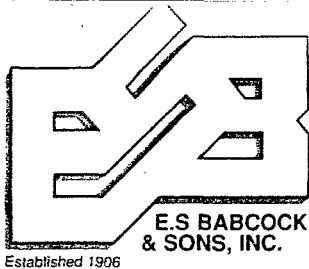
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.0 Salton Sea	Liquid	04/21/03 13:30	04/22/03 15:03

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Cations</b>							
Total Hardness	830	3.0	mg/L	EPA 200.7	05/02/03 17:38	lmt	
Calcium	190	1.0	mg/L	EPA 200.7	05/02/03 17:38	lmt	
Magnesium	86	1.0	mg/L	EPA 200.7	05/02/03 17:38	lmt	
<b>Anions</b>							
Total Alkalinity	250	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Carbonate	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Bicarbonate	300	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Sulfate	670	2.5	mg/L	EPA 300.0	04/24/03 08:42	CTH	
Nitrate as N	3.0	0.20	mg/L	EPA 300.0	04/23/03 12:31	CTH	
<b>Solids</b>							
Total Suspended Solids	200	10	mg/L	SM 2540D	04/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	16	5	mg/L	SM 5210B	04/22/03 18:57	era	
Chemical Oxygen Demand	58	10	mg/L	SM5220D	04/25/03 16:06	cth	
Total Organic Carbon	10	1.4	mg/L	SM 5310B	04/29/03 19:51	jme	
<b>General Physical</b>							
Turbidity	130	0.20	NTU	SM 2130 B	04/23/03 18:35	era	N_HTa
<b>Nutrients</b>							
Total Nitrogen	9.6	0.50	mg/L	SM 4500NO2 B	04/28/03 10:03	mml	
Ammonia-Nitrogen	3.0	0.10	mg/L	SM4500NH3H	04/25/03 15:51	sll	
Nitrite as N	0.60	0.10	mg/L	SM 4500NO2 B	04/22/03 20:00	mml	

\*Reportable Detection Limit



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 www.babcockiabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 9 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-04**

Sample Description  
 SS-NRO-2.0 Salton Sea

Matrix  
 Liquid

Sampled Date/Time  
 04/21/03 13:30

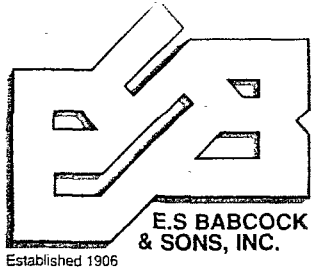
Received Date/Time  
 04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Kjeldahl Nitrogen	6.0	0.20 mg/L	EPA 351.2	04/28/03 10:03	sil	
Ortho Phosphate Phosphorus	0.55	0.050 mg/L	SM 4500P E	04/23/03 08:00	hga	
Total Phosphorus	1.2	0.25 mg/L	SM 4500P B E	04/25/03 10:50	hga	

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 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 10 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-05**

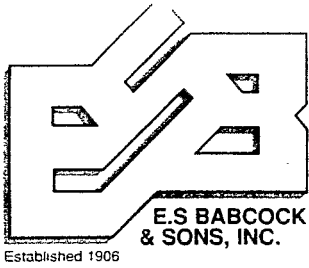
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4 Salton Sea	Liquid	04/21/03 13:30	04/22/03 15:03

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	ND	3.0	mg/L	EPA 200.7	05/02/03 17:41	lmt	
Calcium	ND	1.0	mg/L	EPA 200.7	05/02/03 17:41	lmt	
Magnesium	ND	1.0	mg/L	EPA 200.7	05/02/03 17:41	lmt	
<b>Anions</b>							
Total Alkalinity	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Carbonate	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Bicarbonate	ND	3.0	mg/L	SM 2320B	04/23/03 13:53	era	
Sulfate	1.4	0.50	mg/L	EPA 300.0	04/23/03 12:40	CTH	
Nitrate as N	ND	0.20	mg/L	EPA 300.0	04/23/03 12:40	CTH	
<b>Solids</b>							
Total Suspended Solids	ND	5	mg/L	SM 2540D	04/25/03 16:09	aeh	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	ND	5	mg/L	SM 5210B	04/22/03 18:57	era	
Chemical Oxygen Demand	ND	10	mg/L	SM5220D	04/25/03 16:06	cth	
Total Organic Carbon	0.81	0.70	mg/L	SM 5310B	04/29/03 19:59	jme	
<b>General Physical</b>							
Turbidity	0.28	0.20	NTU	SM 2130 B	04/23/03 18:35	era	N_HTa
<b>Nutrients</b>							
Total Nitrogen	ND	0.40	mg/L	SM 4500NO2 B	04/28/03 10:04	mml	
Ammonia-Nitrogen	ND	0.10	mg/L	SM4500NH3H	04/25/03 15:52	sll	
Nitrite as N	ND	0.10	mg/L	SM 4500NO2 B	04/22/03 20:00	mml	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 11 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

Laboratory Reference Number  
**A3D1086-05**

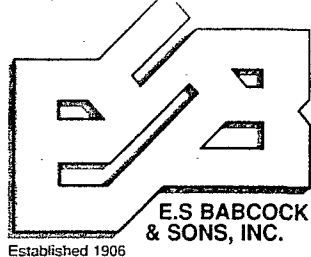
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4 Salton Sea	Liquid	04/21/03 13:30	04/22/03 15:03

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>							
Kjeldahl Nitrogen	ND	0.10	mg/L	EPA 351.2	04/28/03 10:04	sl	
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	04/23/03 08:00	hga	
Total Phosphorus	0.56	0.05	mg/L	SM 4500P B E	04/24/03 11:15	hga	

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Analytical Report: Page 12 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

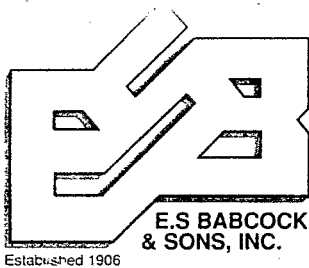
**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D30048 - EPA 3015</b>										
<b>Blank (3D30048-BLK1)</b>				Prepared: 05/01/03 Analyzed: 05/02/03						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	mg/L							
<b>LCS (3D30048-BS1)</b>				Prepared: 05/01/03 Analyzed: 05/02/03						
Calcium	41.7	1.0	mg/L	40.2		104	85-115			
Magnesium	39.2	1.0	mg/L	40.2		97.5	85-115			
<b>Matrix Spike (3D30048-MS1)</b>				Source: A3D1086-05 Prepared: 05/01/03 Analyzed: 05/02/03						
Calcium	42.4	1.0	mg/L	40.2	ND	105	70-130			
Magnesium	39.8	1.0	mg/L	40.2	ND	99.0	70-130			
<b>Matrix Spike Dup (3D30048-MSD1)</b>				Source: A3D1086-05 Prepared: 05/01/03 Analyzed: 05/02/03						
Calcium	42.3	1.0	mg/L	40.2	ND	105	70-130	0.236	20	
Magnesium	39.7	1.0	mg/L	40.2	ND	98.8	70-130	0.252	20	

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Analytical Report: Page 13 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

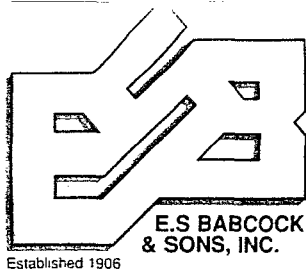
### Anions - Batch Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D22043 - Analyzed as received</b>										
<b>Blank (3D22043-BLK1)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3D22043-BLK2)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3D22043-BLK3)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3D22043-BLK4)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3D22043-BS1)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	103	0.50	mg/L	100		103	90-110			
Nitrate as N	11.4	0.20	mg/L	11.3		101	90-110			
<b>LCS (3D22043-BS2)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	103	0.50	mg/L	100		103	90-110			
Nitrate as N	11.5	0.20	mg/L	11.3		102	90-110			
<b>LCS (3D22043-BS3)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	104	0.50	mg/L	100		104	90-110			
Nitrate as N	11.5	0.20	mg/L	11.3		102	90-110			
<b>LCS (3D22043-BS4)</b>				Prepared: 04/22/03 Analyzed: 04/23/03						
Sulfate	104	0.50	mg/L	100		104	90-110			
Nitrate as N	11.4	0.20	mg/L	11.3		101	90-110			

\*Reportable Detection Limit

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Analytical Report: Page 14 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
 Work Order Number: A3D1086

**Anions - Batch Quality Control**

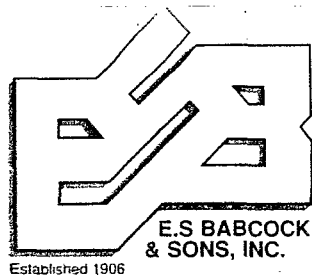
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D22043 - Analyzed as received</b>										
<b>Matrix Spike (3D22043-MS1) Source: A3D1038-04 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	131	0.50 mg/L		100	18	113	85-137			
Nitrate as N	5.35	0.20 mg/L		4.52	1.3	89.6	80-114			
<b>Matrix Spike (3D22043-MS2) Source: A3D1047-01 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	166	0.50 mg/L		100	76	90.0	85-137			
Nitrate as N	14.4	0.20 mg/L		4.52	9.8	102	80-114			
<b>Matrix Spike (3D22043-MS3) Source: A3D1079-01 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	148	0.50 mg/L		100	30	118	85-137			
Nitrate as N	5.09	0.20 mg/L		4.52	0.93	92.0	80-114			
<b>Matrix Spike (3D22043-MS4) Source: A3D1086-05 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	115	0.50 mg/L		100	1.4	114	85-137			
Nitrate as N	3.97	0.20 mg/L		4.52	ND	87.8	80-114			
<b>Matrix Spike Dup (3D22043-MSD1) Source: A3D1038-04 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	132	0.50 mg/L		100	18	114	85-137	0.760	20	
Nitrate as N	5.33	0.20 mg/L		4.52	1.3	89.2	80-114	0.375	20	
<b>Matrix Spike Dup (3D22043-MSD2) Source: A3D1047-01 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	166	0.50 mg/L		100	76	90.0	85-137	0.00	20	
Nitrate as N	14.4	0.20 mg/L		4.52	9.8	102	80-114	0.00	20	
<b>Matrix Spike Dup (3D22043-MSD3) Source: A3D1079-01 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	149	0.50 mg/L		100	30	119	85-137	0.673	20	
Nitrate as N	5.16	0.20 mg/L		4.52	0.93	93.6	80-114	1.37	20	
<b>Matrix Spike Dup (3D22043-MSD4) Source: A3D1086-05 Prepared: 04/22/03 Analyzed: 04/23/03</b>										
Sulfate	115	0.50 mg/L		100	1.4	114	85-137	0.00	20	
Nitrate as N	3.93	0.20 mg/L		4.52	ND	86.9	80-114	1.01	20	

\*Reportable Detection Limit



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REC-1



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 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 15 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003  
 Work Order Number: A3D1086

### Anions - Batch Quality Control

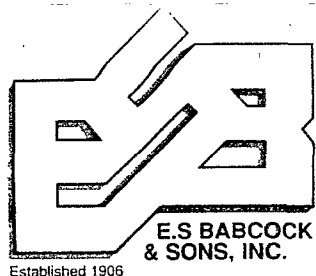
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D23026 - Analyzed as received</b>										
<b>Blank (3D23026-BLK1)</b> Prepared & Analyzed: 04/23/03										
Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							
<b>LCS (3D23026-BS1)</b> Prepared & Analyzed: 04/23/03										
Total Alkalinity	463	3.0	mg/L	471		98.3	90-110			
Carbonate	275	3.0	mg/L	268		103	90-110			
<b>Duplicate (3D23026-DUP1)</b> Source: A3D1053-02 Prepared & Analyzed: 04/23/03										
Total Alkalinity	107	3.0	mg/L		110			2.76	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	131	3.0	mg/L		130			0.766	10	
<b>Duplicate (3D23026-DUP2)</b> Source: A3D1105-06 Prepared & Analyzed: 04/23/03										
Total Alkalinity	366	3.0	mg/L		360			1.65	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	446	3.0	mg/L		440			1.35	10	
<b>Batch 3D23040 - Analyzed as received</b>										
<b>Blank (3D23040-BLK1)</b> Prepared: 04/23/03 Analyzed: 04/24/03										
Sulfate	ND	0.50	mg/L							
<b>Blank (3D23040-BLK2)</b> Prepared: 04/23/03 Analyzed: 04/24/03										
Sulfate	ND	0.50	mg/L							

\*Reportable Detection Limit



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 Palm Desert, CA 92260

Analytical Report: Page 16 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003  
 Work Order Number: A3D1086

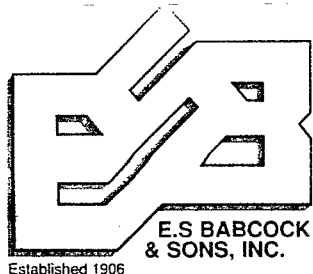
### Anions - Batch Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3D23040 - Analyzed as received</b>										
<b>Blank (3D23040-BLK3)</b>				Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	ND	0.50	mg/L							
<b>LCS (3D23040-BS1)</b>				Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	104	0.50	mg/L	100	104	90-110				
<b>LCS (3D23040-BS2)</b>				Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	104	0.50	mg/L	100	104	90-110				
<b>LCS (3D23040-BS3)</b>				Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	104	0.50	mg/L	100	104	90-110				
<b>Matrix Spike (3D23040-MS1)</b>				Source: A3D1102-01 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	314	0.50	mg/L	100	190	124	85-137			
<b>Matrix Spike (3D23040-MS2)</b>				Source: A3D1124-03 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	306	0.50	mg/L	100	180	126	85-137			
<b>Matrix Spike (3D23040-MS3)</b>				Source: A3D1160-04 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	186	0.50	mg/L	100	64	122	85-137			
<b>Matrix Spike Dup (3D23040-MSD1)</b>				Source: A3D1102-01 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	314	0.50	mg/L	100	190	124	85-137	0.00	20	
<b>Matrix Spike Dup (3D23040-MSD2)</b>				Source: A3D1124-03 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	307	0.50	mg/L	100	180	127	85-137	0.326	20	
<b>Matrix Spike Dup (3D23040-MSD3)</b>				Source: A3D1160-04 Prepared: 04/23/03 Analyzed: 04/24/03						
Sulfate	187	0.50	mg/L	100	64	123	85-137	0.536	20	

\*Reportable Detection Limit



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Analytical Report: Page 17 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003  
 Work Order Number: A3D1086

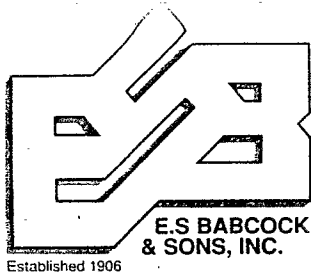
**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D25004 - Analyzed as received</b>										
<b>Blank (3D25004-BLK1)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	ND	5	mg/L							
<b>Blank (3D25004-BLK2)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	ND	5	mg/L							
<b>LCS (3D25004-BS1)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	495	10	mg/L	500		99.0	90-110			
<b>LCS (3D25004-BS2)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	476	10	mg/L	500		95.2	90-110			
<b>Duplicate (3D25004-DUP1)</b>				Source: A3D0994-04 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	270	20	mg/L		260			3.77	25	
<b>Duplicate (3D25004-DUP2)</b>				Source: A3D0996-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	264	20	mg/L		260			1.53	25	
<b>Duplicate (3D25004-DUP3)</b>				Source: A3D1081-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	476	40	mg/L		450			5.62	25	
<b>Duplicate (3D25004-DUP4)</b>				Source: A3D1083-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	164	10	mg/L		170			3.59	25	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeo  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 18 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003  
 Work Order Number: A3D1086

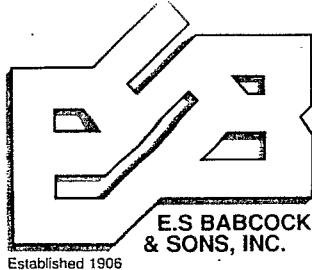
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D22060 - Analyzed as received</b>										
<b>Blank (3D22060-BLK1)</b>				Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3D22060-BLK2)</b>				Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>LCS (3D22060-BS1)</b>				Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	195		5 mg/L	200		97.5	85-115			
<b>LCS (3D22060-BS2)</b>				Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	205		5 mg/L	200		102	85-115			
<b>Duplicate (3D22060-DUP1)</b>				Source: A3D1034-01 Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	340		5 mg/L		340			0.00	20	
<b>Duplicate (3D22060-DUP2)</b>				Source: A3D1081-01 Prepared & Analyzed: 04/22/03						
Biochemical Oxygen Demand	410		5 mg/L		400			2.47	20	
<b>Batch 3D24026 - Analyzed as received</b>										
<b>LCS (3D24026-BS1)</b>				Prepared & Analyzed: 04/24/03						
Chemical Oxygen Demand	249		10 mg/L	250		99.6	90-110			
<b>Matrix Spike (3D24026-MS1)</b>				Source: A3D1169-01 Prepared & Analyzed: 04/24/03						
Chemical Oxygen Demand	300		20 mg/L	250	49	100	80-120			
<b>Matrix Spike Dup (3D24026-MSD1)</b>				Source: A3D1169-01 Prepared & Analyzed: 04/24/03						
Chemical Oxygen Demand	292		20 mg/L	250	49	97.2	80-120	2.70	20	

\*Reportable Detection Limit



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Analytical Report: Page 19 of 24  
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 Project Number: [none]

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**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D25021 - Analyzed as received</b>									
<b>LCS (3D25021-BS1)</b>				Prepared & Analyzed: 04/25/03					
Chemical Oxygen Demand	249	10 mg/L		250		99.6 90-110			
<b>Matrix Spike (3D25021-MS1)</b>				Source: A3D1219-01 Prepared & Analyzed: 04/25/03					
Chemical Oxygen Demand	292	20 mg/L		250	71	88.4 80-120			
<b>Matrix Spike Dup (3D25021-MSD1)</b>				Source: A3D1219-01 Prepared & Analyzed: 04/25/03					
Chemical Oxygen Demand	304	20 mg/L		250	71	93.2 80-120	4.03	20	
<b>Batch 3D29010 - Analyzed as received</b>									
<b>Blank (3D29010-BLK1)</b>				Prepared & Analyzed: 04/29/03					
Total Organic Carbon	ND	0.70 mg/L							
<b>LCS (3D29010-BS1)</b>				Prepared & Analyzed: 04/29/03					
Total Organic Carbon	3.96	0.70 mg/L		4.00		99.0 90-110			
<b>Matrix Spike (3D29010-MS1)</b>				Source: A3D1240-05 Prepared & Analyzed: 04/29/03					
Total Organic Carbon	6200	350 mg/L		2000	3800	120 80-120			
<b>Matrix Spike Dup (3D29010-MSD1)</b>				Source: A3D1240-05 Prepared & Analyzed: 04/29/03					
Total Organic Carbon	6420	350 mg/L		2000	3800	131 80-120	3.49	10	QMSD

\*Reportable Detection Limit



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11:30 AM



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Analytical Report: Page 20 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003

Work Order Number: A3D1086

**General Physical - Batch Quality Control**

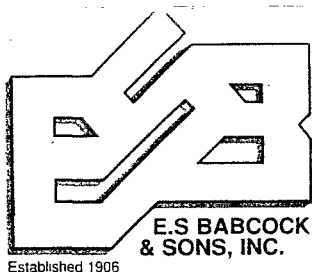
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D23028 - Analyzed as received</b>										
<b>Blank (3D23028-BLK1)</b>				Prepared & Analyzed: 04/23/03						
Turbidity	ND	0.20	NTU							
<b>LCS (3D23028-BS1)</b>				Prepared & Analyzed: 04/23/03						
Turbidity	0.909	0.20	NTU	0.850		107	90-110			
<b>Duplicate (3D23028-DUP1)</b>				Source: A3D1080-01		Prepared & Analyzed: 04/23/03				
Turbidity	25.6	0.20	NTU		25			2.37	20	
<b>Duplicate (3D23028-DUP2)</b>				Source: A3D1086-03		Prepared & Analyzed: 04/23/03				
Turbidity	187	0.20	NTU		190			1.59	20	

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REGIONAL



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Analytical Report: Page 21 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

Report Date: 06-May-2003

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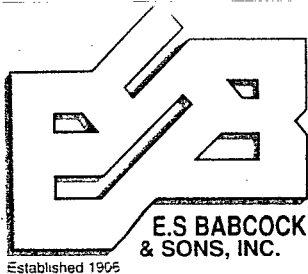
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3D22040 - Analyzed as received</b>										
<b>Blank (3D22040-BLK1)</b>				Prepared: 04/22/03 Analyzed: 04/25/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3D22040-BS1)</b>				Prepared: 04/22/03 Analyzed: 04/25/03						
Ammonia-Nitrogen	0.743	0.10	mg/L	0.780		95.3	90-110			
<b>Matrix Spike (3D22040-MS1)</b>				Source: A3D1086-03 Prepared: 04/22/03 Analyzed: 04/25/03						
Ammonia-Nitrogen	1.98	0.10	mg/L	0.780	1.2	100	80-120			
<b>Matrix Spike Dup (3D22040-MSD1)</b>				Source: A3D1086-03 Prepared: 04/22/03 Analyzed: 04/25/03						
Ammonia-Nitrogen	1.91	0.10	mg/L	0.780	1.2	91.0	80-120	3.60	20	
<b>Batch 3D22050 - Analyzed as received</b>										
<b>LCS (3D22050-BS1)</b>				Prepared & Analyzed: 04/22/03						
Nitrite as N	0.980	0.10	mg/L	1.00		98.0	90-110			
<b>Matrix Spike (3D22050-MS1)</b>				Source: A3D1035-02 Prepared & Analyzed: 04/22/03						
Nitrite as N	1.91	0.10	mg/L	1.00	0.92	99.0	80-120			
<b>Matrix Spike Dup (3D22050-MSD1)</b>				Source: A3D1035-02 Prepared & Analyzed: 04/22/03						
Nitrite as N	1.92	0.10	mg/L	1.00	0.92	100	80-120	0.522	20	
<b>Batch 3D23001 - Analyzed as received</b>										
<b>LCS (3D23001-BS1)</b>				Prepared & Analyzed: 04/23/03						
Ortho Phosphate Phosphorus	0.537	0.050	mg/L	0.500		107	90-110			

\*Reportable Detection Limit



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Analytical Report: Page 22 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]

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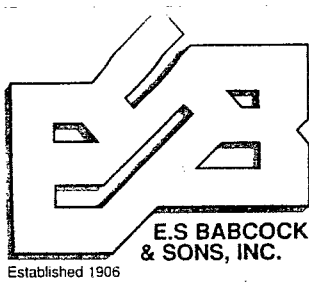
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D23001 - Analyzed as received</b>										
<b>Matrix Spike (3D23001-MS1) Source: A3D1080-01 Prepared &amp; Analyzed: 04/23/03</b>										
Ortho Phosphate Phosphorus	0.791	0.050	mg/L	0.500	0.26	106	80-120			
<b>Matrix Spike Dup (3D23001-MSD1) Source: A3D1080-01 Prepared &amp; Analyzed: 04/23/03</b>										
Ortho Phosphate Phosphorus	0.797	0.050	mg/L	0.500	0.26	107	80-120	0.756	20	
<b>Batch 3D24002 - Acid Digest</b>										
<b>LCS (3D24002-BS1) Prepared &amp; Analyzed: 04/24/03</b>										
Total Phosphorus	0.504	0.05	mg/L	0.500		101	90-110			
<b>Matrix Spike (3D24002-MS1) Source: A3D1080-01 Prepared: 04/24/03 Analyzed: 04/25/03</b>										
Total Phosphorus	0.920	0.05	mg/L	0.500	0.43	98.0	80-120			
<b>Matrix Spike Dup (3D24002-MSD1) Source: A3D1080-01 Prepared: 04/24/03 Analyzed: 04/25/03</b>										
Total Phosphorus	0.885	0.05	mg/L	0.500	0.43	91.0	80-120	3.88	20	
<b>Batch 3D25011 - Analyzed as received</b>										
<b>Blank (3D25011-BLK1) Prepared: 04/25/03 Analyzed: 04/28/03</b>										
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>Blank (3D25011-BLK2) Prepared: 04/25/03 Analyzed: 04/28/03</b>										
Kjeldahl Nitrogen	ND	0.10	mg/L							
<b>LCS (3D25011-BS1) Prepared: 04/25/03 Analyzed: 04/28/03</b>										
Kjeldahl Nitrogen	1.07	0.10	mg/L	1.00		107	80-120			

\*Reportable Detection Limit



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Analytical Report: Page 23 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 06-May-2003  
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**Nutrients - Batch Quality Control**

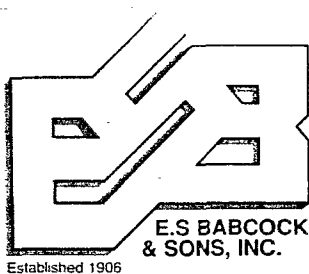
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D25011 - Analyzed as received</b>										
<b>LCS (3D25011-BS2)</b>				Prepared: 04/25/03 Analyzed: 04/28/03						
Kjeldahl Nitrogen	1.08	0.10	mg/L	1.00	108	80-120				
<b>Matrix Spike (3D25011-MS1)</b>				Source: A3D0889-07 Prepared: 04/25/03 Analyzed: 04/28/03						
Kjeldahl Nitrogen	58.1	2.0	mg/L	20.0	36	110	50-145			
<b>Matrix Spike (3D25011-MS2)</b>				Source: A3D0917-01 Prepared: 04/25/03 Analyzed: 04/28/03						
Kjeldahl Nitrogen	55.3	2.0	mg/L	20.0	34	106	50-145			
<b>Matrix Spike Dup (3D25011-MSD1)</b>				Source: A3D0889-07 Prepared: 04/25/03 Analyzed: 04/28/03						
Kjeldahl Nitrogen	56.5	2.0	mg/L	20.0	36	102	50-145	2.79	25	
<b>Matrix Spike Dup (3D25011-MSD2)</b>				Source: A3D0917-01 Prepared: 04/25/03 Analyzed: 04/28/03						
Kjeldahl Nitrogen	56.0	2.0	mg/L	20.0	34	110	50-145	1.26	25	

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Analytical Report: Page 24 of 24  
Project Name: Agreement Number 00-252-  
Project Number: [none]  
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Work Order Number: A3D1086

### Notes and Definitions

- N\_HTa Sample analyzed outside of the EPA recommended holding time.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

### Approval

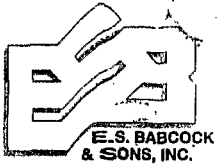
Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



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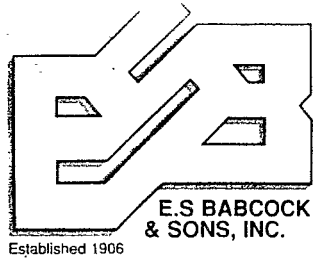
# Chain of Custody & Sample Information Record

Client: <u>CRWQCB - R7</u>	Contact: <u>DOUG WYLIE</u>	Phone No. (766) <u>246-6585</u>
Project Name: <u>SALTON SEA NUTRIENTS</u>	Turn Around Time: <u>Routine</u> 3-5 Days 48 Hours 24 Hours	(Rushes Require Approval, Additional Charges May Apply)
Project Location: <u>IMPERIAL VALLEY</u>		

Sampler Information				# of Containers & Preservatives					Total # of Containers	Analysis Requested												Matrix	Notes										
Name:	Employer:	Signature:		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>		NaOH	ALKALINITY	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	AMMONIA-N	
Name: <u>JEFF ALLRED</u>	Employer: <u>CRWQCB-R-7</u>	Signature: <u>Jeff Allred</u>																															
ESB #	Sample ID	Date	Time																														
<u>1</u>	<u>SS-CVSWC-2.0 (1-4)</u>	<u>4/21/03</u>	<u>7:30am</u>	<u>1</u>	<u>2</u>	<u>1</u>				<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>SURFACE WATER</u>
<u>2</u>	<u>SS-CVSWC-2.1 (5-8)</u>		<u>7:30am</u>	<u>1</u>	<u>2</u>	<u>1</u>				<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>3</u>	<u>SS-ARO-2.0 (12-15)</u>		<u>9:45am</u>	<u>1</u>	<u>2</u>	<u>1</u>				<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>4</u>	<u>SS-NRO-2.0 (19-22)</u>		<u>1:30pm</u>	<u>1</u>	<u>2</u>	<u>1</u>				<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>5</u>	<u>SS-NRO-2.4 (23-26)</u>		<u>1:30pm</u>	<u>1</u>	<u>2</u>	<u>1</u>				<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Relinquished By (sign) <u>Jeff Allred</u>	Print Name / Company <u>Jeff Allred / CRWQCB-R7</u>	Date / Time <u>4/22/03</u> <u>15:03</u>	Received By (Sign) <u>Angie Brown</u>	Print Name / Company <u>Angie Brown / ESB</u>
--	--	---	--	--

(For Lab Use Only)	Sample Integrity Upon Receipt	RECEIVED	Lab No. <u>0301086</u>
Sample(s) Submitted on Ice? <u>Yes</u> No	Temperature <u>2</u> °C	MAY - 8 2003	Page _____ of _____
Custody Seal(s) Intact? <u>Yes</u> No	<u>N/A</u>	REGION 7	
Sample(s) Intact? <u>Yes</u> No			



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NELAP #02101CA ELAP#1156  
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www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 02-Apr-2003  
Work Order Number: A3C1079

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

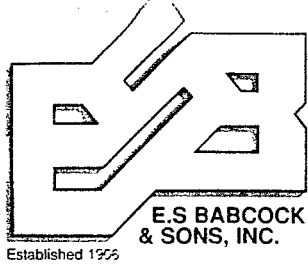
### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3C1079-01	SS-CVSWC-2.0 Salton Sea	Liquid	03/24/03 15:20	Jeff Allre	03/25/03 10:20	Alexande
A3C1079-02	SS-CVSWC-2.1 Salton Sea	Liquid	03/24/03 15:20	Jeff Allre	03/25/03 10:20	Alexande
A3C1079-03	SS-ARO-2.0 Salton Sea	Liquid	03/24/03 11:05	Jeff Allre	03/25/03 10:20	Alexande
A3C1079-04	SS-NRO-2.0 Salton Sea	Liquid	03/24/03 13:40	Jeff Allre	03/25/03 10:20	Alexande
A3C1079-05	SS-NRO-2.4 Salton Sea	Liquid	03/24/03 13:40	Jeff Allre	03/25/03 10:20	Alexande

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 Palm Desert, CA 92260

Analytical Report: Page 2 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: A3C1079

Laboratory Reference Number  
**A3C1079-01**

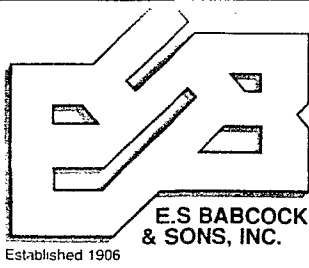
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.0 Salton Sea	Liquid	03/24/03 15:20	03/25/03 10:20

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	360	3.0	mg/L	EPA 200.7	03/26/03 14:42	lmt	
Calcium	98	1.0	mg/L	EPA 200.7	03/26/03 14:42	lmt	
Magnesium	27	1.0	mg/L	EPA 200.7	03/26/03 14:42	lmt	
<b>Anions</b>							
Total Alkalinity	190	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Carbonate	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Bicarbonate	230	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Sulfate	420	2.5	mg/L	EPA 300.0	03/26/03 20:53	cth	
Nitrate as N	11	0.20	mg/L	EPA 300.0	03/25/03 22:10	cth	
<b>Solids</b>							
Total Suspended Solids	45	10	mg/L	SM 2540D	03/26/03 20:00	kos	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	13	5	mg/L	SM 5210B	03/25/03 18:39	cth	
Chemical Oxygen Demand	31	10	mg/L	SM5220D	03/26/03 15:41	cth	
Total Organic Carbon	10	3.5	mg/L	SM 5310B	04/01/03 02:39	la	
<b>General Physical</b>							
Turbidity	21	0.20	NTU	SM 2130 B	03/25/03 18:52	imm	
<b>Nutrients</b>							
Ammonia-Nitrogen	1.6	0.10	mg/L	SM 4500 NH3 F	03/25/03 15:40	sll	
Nitrite as N	0.58	0.10	mg/L	SM 4500NO2 B	03/25/03 20:00	mml	
Kjeldahl Nitrogen	3.3	0.10	mg/L	EPA 351.2	03/26/03 14:13	sll	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
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Palm Desert, CA 92260

Analytical Report: Page 3 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 02-Apr-2003  
Work Order Number: A3C1079

Laboratory Reference Number  
**A3C1079-01**

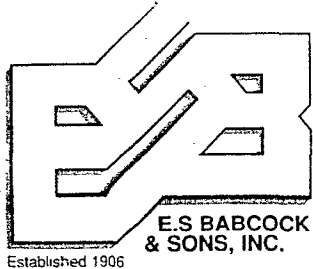
<u>Sample Description</u> SS-CVSWC-2.0 Salton Sea	<u>Matrix</u> Liquid	<u>Sampled Date/Time</u> 03/24/03 15:20	<u>Received Date/Time</u> 03/25/03 10:20
--	-------------------------	--	---

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Ortho Phosphate Phosphorus	0.86	0.050 mg/L	SM 4500P E	03/25/03 13:20	hga	
Total Phosphorus	1.3	0.25 mg/L	SM 4500P B E	04/01/03 11:30	jme	

\*Reportable Detection Limit



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Analytical Report: Page 4 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

Laboratory Reference Number  
**A3C1079-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.1 Salton Sea	Liquid	03/24/03 15:20	03/25/03 10:20

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	360	3.0	mg/L	EPA 200.7	03/26/03 14:44	lmt	
Calcium	99	1.0	mg/L	EPA 200.7	03/26/03 14:44	lmt	
Magnesium	27	1.0	mg/L	EPA 200.7	03/26/03 14:44	lmt	
<b>Anions</b>							
Total Alkalinity	190	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Carbonate	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Bicarbonate	230	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Sulfate	440	2.5	mg/L	EPA 300.0	03/26/03 21:02	cth	
Nitrate as N	11	0.20	mg/L	EPA 300.0	03/25/03 22:49	cth	
<b>Solids</b>							
Total Suspended Solids	44	10	mg/L	SM 2540D	03/26/03 20:00	kos	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	12	5	mg/L	SM 5210B	03/25/03 18:39	cth	
Chemical Oxygen Demand	36	10	mg/L	SM5220D	03/26/03 15:41	cth	
Total Organic Carbon	9.6	3.5	mg/L	SM 5310B	04/01/03 02:51	la	
<b>General Physical</b>							
Turbidity	25	0.20	NTU	SM 2130 B	03/25/03 18:52	imm	
<b>Nutrients</b>							
Ammonia-Nitrogen	1.6	0.10	mg/L	SM 4500 NH3 F	03/25/03 15:41	sll	
Nitrite as N	0.55	0.10	mg/L	SM 4500NO2 B	03/25/03 20:00	mml	
Kjeldahl Nitrogen	3.6	0.10	mg/L	EPA 351.2	03/26/03 14:14	sll	

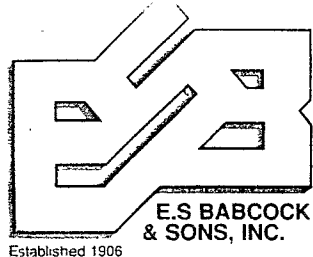
\*Reportable Detection Limit



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Analytical Report: Page 5 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0

Report Date: 02-Apr-2003

Work Order Number: A3C1079

Laboratory Reference Number

**A3C1079-02**

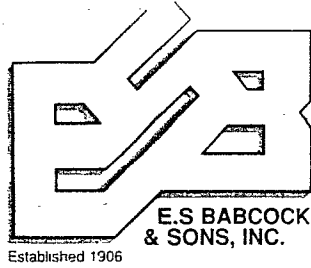
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-CVSWC-2.1 Salton Sea	Liquid	03/24/03 15:20	03/25/03 10:20

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>						
Ortho Phosphate Phosphorus	0.84	0.050 mg/L	SM 4500P E	03/25/03 13:20	hga	
Total Phosphorus	1.3	0.10 mg/L	SM 4500P B E	04/01/03 11:30	jme	

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\*Reportable Detection Limit





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Analytical Report: Page 6 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: **A3C1079**

Laboratory Reference Number  
**A3C1079-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
<b>SS-ARO-2.0 Salton Sea</b>	Liquid	03/24/03 11:05	03/25/03 10:20

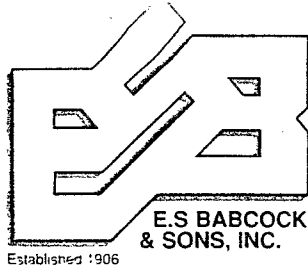
Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	710	3.0	mg/L	EPA 200.7	03/26/03 14:47	lmt	
Calcium	160	1.0	mg/L	EPA 200.7	03/26/03 14:47	lmt	
Magnesium	76	1.0	mg/L	EPA 200.7	03/26/03 14:47	lmt	
<b>Anions</b>							
Total Alkalinity	200	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Carbonate	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Bicarbonate	250	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Sulfate	630	2.5	mg/L	EPA 300.0	03/26/03 21:12	cth	
Nitrate as N	4.8	0.20	mg/L	EPA 300.0	03/25/03 22:58	cth	
<b>Solids</b>							
Total Suspended Solids	360	20	mg/L	SM 2540D	03/26/03 20:00	kos	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	12	5	mg/L	SM 5210B	03/25/03 18:39	cth	
Chemical Oxygen Demand	65	10	mg/L	SM5220D	03/26/03 15:41	cth	
Total Organic Carbon	7.7	3.5	mg/L	SM 5310B	04/01/03 03:00	la	
<b>General Physical</b>							
Turbidity	250	0.20	NTU	SM 2130 B	03/25/03 18:52	imm	
<b>Nutrients</b>							
Ammonia-Nitrogen	1.3	0.10	mg/L	SM 4500 NH3 F	03/25/03 15:41	slil	
Nitrite as N	0.54	0.10	mg/L	SM 4500NO2 B	03/25/03 20:00	mmil	
Kjeldahl Nitrogen	3.2	0.10	mg/L	EPA 351.2	03/26/03 14:14	slil	

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Analytical Report: Page 7 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

Laboratory Reference Number  
**A3C1079-03**

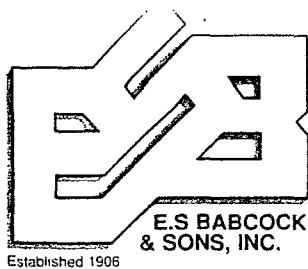
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-ARO-2.0 Salton Sea	Liquid	03/24/03 11:05	03/25/03 10:20

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Nutrients</b>						
Ortho Phosphate Phosphorus	0.42	0.050 mg/L	SM 4500P E	03/25/03 13:20	hga	
Total Phosphorus	0.99	0.05 mg/L	SM 4500P B E	03/31/03 11:30	hga	

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Analytical Report: Page 8 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: A3C1079

Laboratory Reference Number

**A3C1079-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.0 Salton Sea	Liquid	03/24/03 13:40	03/25/03 10:20

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>						
Total Hardness	850	3.0 mg/L	EPA 200.7	03/26/03 14:50	lmt	
Calcium	190	1.0 mg/L	EPA 200.7	03/26/03 14:50	lmt	
Magnesium	90	1.0 mg/L	EPA 200.7	03/26/03 14:50	lmt	
<b>Anions</b>						
Total Alkalinity	250	3.0 mg/L	SM 2320B	03/25/03 12:22	era	
Hydroxide	ND	3.0 mg/L	SM 2320B	03/25/03 12:22	era	
Carbonate	ND	3.0 mg/L	SM 2320B	03/25/03 12:22	era	
Bicarbonate	300	3.0 mg/L	SM 2320B	03/25/03 12:22	era	
Sulfate	720	2.5 mg/L	EPA 300.0	03/26/03 21:22	cth	
Nitrate as N	3.2	0.20 mg/L	EPA 300.0	03/25/03 23:08	cth	
<b>Solids</b>						
Total Suspended Solids	260	20 mg/L	SM 2540D	03/26/03 20:00	kos	
<b>Aggregate Organic Compounds</b>						
Biochemical Oxygen Demand	18	5 mg/L	SM 5210B	03/25/03 18:39	cth	
Chemical Oxygen Demand	62	10 mg/L	SM5220D	03/27/03 16:16	cth	
Total Organic Carbon	10	3.5 mg/L	SM 5310B	04/01/03 03:10	la	
<b>General Physical</b>						
Turbidity	160	0.20 NTU	SM 2130 B	03/25/03 18:52	imm	
<b>Nutrients</b>						
Ammonia-Nitrogen	3.6	0.10 mg/L	SM 4500 NH3 F	03/25/03 15:42	sl	
Nitrite as N	0.49	0.10 mg/L	SM 4500NO2 B	03/25/03 20:00	rml	
Kjeldahl Nitrogen	6.5	0.20 mg/L	EPA 351.2	03/26/03 14:41	sl	

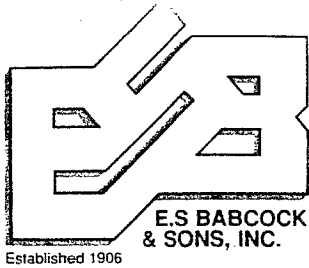
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Analytical Report: Page 9 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 02-Apr-2003

Work Order Number: A3C1079

Laboratory Reference Number

**A3C1079-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.0 Salton Sea	Liquid	03/24/03 13:40	03/25/03 10:20

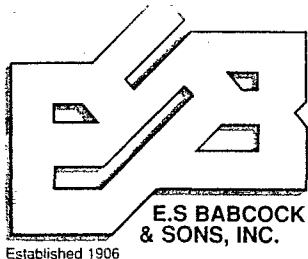
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>							
Ortho Phosphate Phosphorus	0.68	0.050	mg/L	SM 4500P E	03/25/03 13:20	hga	
Total Phosphorus	1.6	0.10	mg/L	SM 4500P B E	04/01/03 11:30	jme	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 10 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

Laboratory Reference Number  
**A3C1079-05**

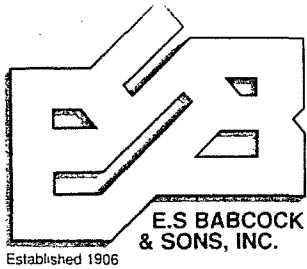
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4 Salton Sea	Liquid	03/24/03 13:40	03/25/03 10:20

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Cations</b>							
Total Hardness	ND	3.0	mg/L	EPA 200.7	03/26/03 14:53	lmt	
Calcium	ND	1.0	mg/L	EPA 200.7	03/26/03 14:53	lmt	
Magnesium	ND	1.0	mg/L	EPA 200.7	03/26/03 14:53	lmt	
<b>Anions</b>							
Total Alkalinity	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Hydroxide	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Carbonate	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Bicarbonate	ND	3.0	mg/L	SM 2320B	03/25/03 12:22	era	
Sulfate	1.5	0.50	mg/L	EPA 300.0	03/25/03 23:18	cth	
Nitrate as N	ND	0.20	mg/L	EPA 300.0	03/25/03 23:18	cth	
<b>Solids</b>							
Total Suspended Solids	ND	5	mg/L	SM 2540D	03/26/03 20:00	kos	
<b>Aggregate Organic Compounds</b>							
Biochemical Oxygen Demand	ND	5	mg/L	SM 5210B	03/25/03 18:39	cth	
Chemical Oxygen Demand	ND	10	mg/L	SM5220D	03/27/03 16:16	cth	
Total Organic Carbon	1.0	0.70	mg/L	SM 5310B	04/01/03 03:19	la	
<b>General Physical</b>							
Turbidity	0.23	0.20	NTU	SM 2130 B	03/25/03 18:52	imm	
<b>Nutrients</b>							
Ammonia-Nitrogen	ND	0.10	mg/L	SM 4500 NH3 F	03/25/03 15:43	sl	
Nitrite as N	ND	0.10	mg/L	SM 4500NO2 B	03/25/03 20:00	mml	
Kjeldahl Nitrogen	0.11	0.10	mg/L	EPA 351.2	03/26/03 14:18	sl	

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Analytical Report: Page 11 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0

Report Date: 02-Apr-2003  
Work Order Number: A3C1079

Laboratory Reference Number

**A3C1079-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SS-NRO-2.4 Salton Sea	Liquid	03/24/03 13:40	03/25/03 10:20

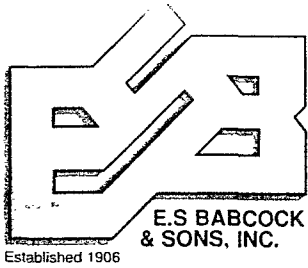
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Nutrients</b>							
Ortho Phosphate Phosphorus	ND	0.050	mg/L	SM 4500P E	03/25/03 13:20	hga	
Total Phosphorus	ND	0.05	mg/L	SM 4500P B E	03/31/03 11:30	hga	

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Analytical Report: Page 12 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: A3C1079

**Cations - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3C25051 - EPA 3015</b>										
<b>Blank (3C25051-BLK1)</b>										
Prepared & Analyzed: 03/26/03										
Calcium	ND		1.0 mg/L							
Magnesium	ND		1.0 mg/L							
<b>LCS (3C25051-BS1)</b>										
Prepared & Analyzed: 03/26/03										
Calcium	39.6		1.0 mg/L	40.2		98.5	85-115			
Magnesium	39.1		1.0 mg/L	40.2		97.3	85-115			
<b>Matrix Spike (3C25051-MS1)</b>										
Source: A3C0937-05 Prepared & Analyzed: 03/26/03										
Calcium	39.8		1.0 mg/L	40.2	0.30	98.3	70-130			
Magnesium	39.0		1.0 mg/L	40.2	ND	97.0	70-130			
<b>Matrix Spike Dup (3C25051-MSD1)</b>										
Source: A3C0937-05 Prepared & Analyzed: 03/26/03										
Calcium	39.6		1.0 mg/L	40.2	0.30	97.8	70-130	0.504	20	
Magnesium	39.2		1.0 mg/L	40.2	ND	97.5	70-130	0.512	20	

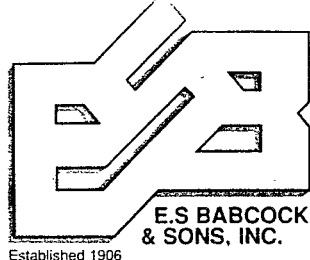
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Analytical Report: Page 13 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: A3C1079

**Anions - Batch Quality Control**

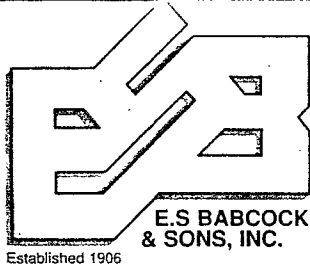
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3C25024 - Analyzed as received</b>										
<b>Blank (3C25024-BLK1)</b>					Prepared & Analyzed: 03/25/03					
Total Alkalinity	ND	3.0	mg/L							
Hydroxide	ND	3.0	mg/L							
Carbonate	ND	3.0	mg/L							
Bicarbonate	ND	3.0	mg/L							
<b>LCS (3C25024-BS1)</b>					Prepared & Analyzed: 03/25/03					
Total Alkalinity	469	3.0	mg/L	471		99.6	90-110			
Carbonate	274	3.0	mg/L	268		102	90-110			
<b>Duplicate (3C25024-DUP1)</b>					Source: A3C1064-01 Prepared & Analyzed: 03/25/03					
Total Alkalinity	299	3.0	mg/L		290			3.06	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	365	3.0	mg/L		360			1.38	10	
<b>Duplicate (3C25024-DUP2)</b>					Source: A3C1087-01 Prepared & Analyzed: 03/25/03					
Total Alkalinity	210	3.0	mg/L		210			0.00	10	
Hydroxide	ND	3.0	mg/L		ND				10	
Carbonate	ND	3.0	mg/L		ND				10	
Bicarbonate	256	3.0	mg/L		260			1.55	10	
<b>Batch 3C25033 - Analyzed as received</b>										
<b>Blank (3C25033-BLK1)</b>					Prepared: 03/25/03 Analyzed: 03/26/03					
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							

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Analytical Report: Page 14 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25033 - Analyzed as received</b>										
<b>Blank (3C25033-BLK2)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Sulfate	ND	0.50	mg/L							
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3C25033-BS1)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Sulfate	107	0.50	mg/L	100	107	90-110				
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110				
<b>LCS (3C25033-BS2)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Sulfate	103	0.50	mg/L	100	103	90-110				
Nitrate as N	11.0	0.20	mg/L	11.3	97.3	90-110				
<b>Matrix Spike (3C25033-MS1)</b>				Source: A3C1111-02		Prepared: 03/25/03 Analyzed: 03/26/03				
Sulfate	241	0.50	mg/L	100	120	121	85-137			
Nitrate as N	4.51	0.20	mg/L	4.52	0.25	94.2	80-114			
<b>Matrix Spike (3C25033-MS2)</b>				Source: A3C1115-03		Prepared: 03/25/03 Analyzed: 03/26/03				
Sulfate	416	0.50	mg/L	100	320	96.0	85-137			
Nitrate as N	4.25	0.20	mg/L	4.52	0.20	89.6	80-114			
<b>Matrix Spike Dup (3C25033-MSD1)</b>				Source: A3C1111-02		Prepared: 03/25/03 Analyzed: 03/26/03				
Sulfate	241	0.50	mg/L	100	120	121	85-137	0.00	20	
Nitrate as N	4.44	0.20	mg/L	4.52	0.25	92.7	80-114	1.56	20	
<b>Matrix Spike Dup (3C25033-MSD2)</b>				Source: A3C1115-03		Prepared: 03/25/03 Analyzed: 03/26/03				
Sulfate	417	0.50	mg/L	100	320	97.0	85-137	0.240	20	
Nitrate as N	4.23	0.20	mg/L	4.52	0.20	89.2	80-114	0.472	20	

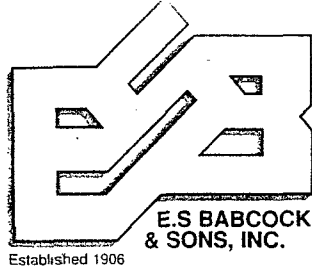
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Analytical Report: Page 15 of 24  
 Project Name: Agreement Number 00-252-  
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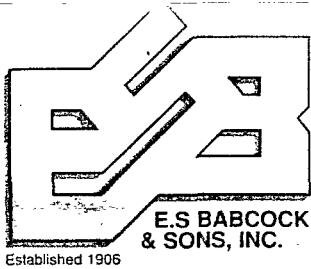
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C26037 - Analyzed as received</b>										
<b>Blank (3C26037-BLK1)</b>				Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	ND	0.50	mg/L							
<b>Blank (3C26037-BLK2)</b>				Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	0.800	0.50	mg/L							QBLK
<b>LCS (3C26037-BS1)</b>				Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	105	0.50	mg/L	100	105	105	90-110			
<b>LCS (3C26037-BS2)</b>				Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	103	0.50	mg/L	100	103	103	90-110			
<b>Matrix Spike (3C26037-MS1)</b>				Source: A3C1145-02 Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	288	0.50	mg/L	100	170	118	85-137			
<b>Matrix Spike (3C26037-MS2)</b>				Source: A3C1190-04 Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	435	0.50	mg/L	100	340	95.0	85-137			
<b>Matrix Spike Dup (3C26037-MSD1)</b>				Source: A3C1145-02 Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	287	0.50	mg/L	100	170	117	85-137	0.348	20	
<b>Matrix Spike Dup (3C26037-MSD2)</b>				Source: A3C1190-04 Prepared: 03/26/03 Analyzed: 03/27/03						
Sulfate	436	0.50	mg/L	100	340	96.0	85-137	0.230	20	

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Analytical Report: Page 16 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

**Solids - Batch Quality Control**

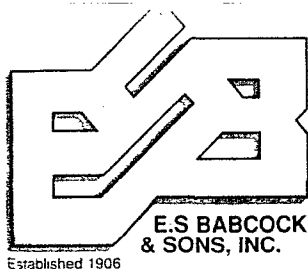
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3C26032 - Analyzed as received</b>										
<b>Blank (3C26032-BLK1)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3C26032-BLK2)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3C26032-BS1)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	501		10 mg/L	500		100	90-110			
<b>LCS (3C26032-BS2)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	482		10 mg/L	500		96.4	90-110			
<b>Duplicate (3C26032-DUP1)</b>				Source: A3C1070-01 Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		10 mg/L		ND				25	
<b>Duplicate (3C26032-DUP2)</b>				Source: A3C1071-03 Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L		ND				25	
<b>Duplicate (3C26032-DUP3)</b>				Source: A3C1105-02 Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L		ND				25	
<b>Duplicate (3C26032-DUP4)</b>				Source: A3C1117-01 Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L		ND				25	

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Analytical Report: Page 17 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

**Aggregate Organic Compounds - Batch Quality Control**

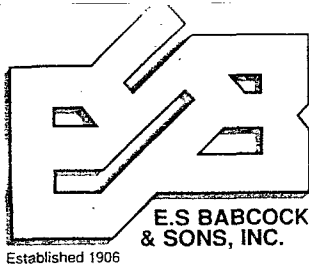
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25036 - Analyzed as received</b>										
<b>Blank (3C25036-BLK1)</b>				Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>Blank (3C25036-BLK2)</b>				Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	ND		5 mg/L							
<b>LCS (3C25036-BS1)</b>				Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	215		5 mg/L	200		108	85-115			
<b>LCS (3C25036-BS2)</b>				Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	175		5 mg/L	200		87.5	85-115			
<b>Duplicate (3C25036-DUP1)</b>				Source: A3C1069-01 Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	200		5 mg/L		200			0.00	20	
<b>Duplicate (3C25036-DUP2)</b>				Source: A3C1113-05 Prepared & Analyzed: 03/25/03						
Biochemical Oxygen Demand	285		5 mg/L		280			1.77	20	
<b>Batch 3C26019 - Analyzed as received</b>										
<b>LCS (3C26019-BS1)</b>				Prepared & Analyzed: 03/26/03						
Chemical Oxygen Demand	244		10 mg/L	250		97.6	90-110			
<b>Matrix Spike (3C26019-MS1)</b>				Source: A3C1119-01 Prepared & Analyzed: 03/26/03						
Chemical Oxygen Demand	292		20 mg/L	250	49	97.2	80-120			
<b>Matrix Spike Dup (3C26019-MSD1)</b>				Source: A3C1119-01 Prepared & Analyzed: 03/26/03						
Chemical Oxygen Demand	282		20 mg/L	250	49	93.2	80-120	3.48	20	

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REGION 7



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Analytical Report: Page 18 of 24  
 Project Name: Agreement Number 00-252-  
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**Aggregate Organic Compounds - Batch Quality Control**

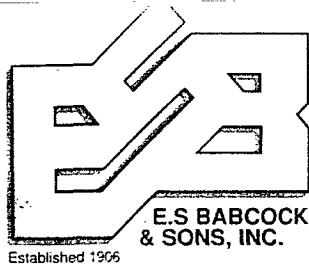
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C27029 - Analyzed as received</b>										
<b>LCS (3C27029-BS1)</b>				Prepared & Analyzed: 03/27/03						
Chemical Oxygen Demand	247	10	mg/L	250		98.8	90-110			
<b>Matrix Spike (3C27029-MS1)</b>				Source: A3C1197-01 Prepared & Analyzed: 03/27/03						
Chemical Oxygen Demand	304	20	mg/L	250	53	100	80-120			
<b>Matrix Spike Dup (3C27029-MSD1)</b>				Source: A3C1197-01 Prepared & Analyzed: 03/27/03						
Chemical Oxygen Demand	292	20	mg/L	250	53	95.6	80-120	4.03	20	
<b>Batch 3C31008 - Analyzed as received</b>										
<b>Blank (3C31008-BLK1)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>Blank (3C31008-BLK2)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>Blank (3C31008-BLK3)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	ND	0.70	mg/L							
<b>LCS (3C31008-BS1)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	3.97	0.70	mg/L	4.00		99.2	90-110			
<b>LCS (3C31008-BS2)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	4.25	0.70	mg/L	4.00		106	90-110			
<b>LCS (3C31008-BS3)</b>				Prepared & Analyzed: 03/31/03						
Total Organic Carbon	4.01	0.70	mg/L	4.00		100	90-110			

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 19 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

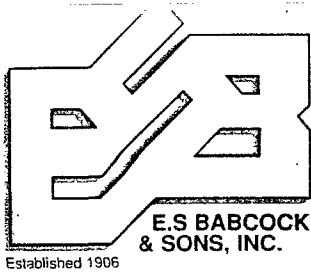
**Aggregate Organic Compounds - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C31008 - Analyzed as received</b>										
<b>Matrix Spike (3C31008-MS1)</b>				<b>Source: A3C0543-03</b>		<b>Prepared &amp; Analyzed: 03/31/03</b>				
Total Organic Carbon	12.8		0.70 mg/L	4.00	8.9	97.5	80-120			
<b>Matrix Spike (3C31008-MS2)</b>				<b>Source: A3C0788-01</b>		<b>Prepared &amp; Analyzed: 03/31/03</b>				
Total Organic Carbon	26.9		3.5 mg/L	20.0	6.6	102	80-120			
<b>Matrix Spike (3C31008-MS3)</b>				<b>Source: A3C1079-05</b>		<b>Prepared: 03/31/03 Analyzed: 04/01/03</b>				
Total Organic Carbon	5.16		0.70 mg/L	4.00	1.0	104	80-120			
<b>Matrix Spike Dup (3C31008-MSD1)</b>				<b>Source: A3C0543-03</b>		<b>Prepared &amp; Analyzed: 03/31/03</b>				
Total Organic Carbon	12.5		0.70 mg/L	4.00	8.9	90.0	80-120	2.37	10	
<b>Matrix Spike Dup (3C31008-MSD2)</b>				<b>Source: A3C0788-01</b>		<b>Prepared &amp; Analyzed: 03/31/03</b>				
Total Organic Carbon	27.5		3.5 mg/L	20.0	6.6	104	80-120	2.21	10	
<b>Matrix Spike Dup (3C31008-MSD3)</b>				<b>Source: A3C1079-05</b>		<b>Prepared: 03/31/03 Analyzed: 04/01/03</b>				
Total Organic Carbon	5.16		0.70 mg/L	4.00	1.0	104	80-120	0.00	10	

\*Reportable Detection Limit



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Analytical Report: Page 20 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

**General Physical - Batch Quality Control**

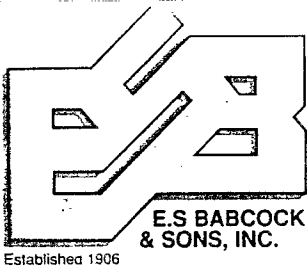
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25030 - Analyzed as received</b>										
<b>LCS (3C25030-BS1)</b>				Prepared & Analyzed: 03/25/03						
Turbidity	0.921	0.20	NTU	0.850		108	90-110			
<b>Duplicate (3C25030-DUP1)</b>				Source: A3C1068-01 Prepared & Analyzed: 03/25/03						
Turbidity	4.41	0.20	NTU		4.1			7.29	20	
<b>Duplicate (3C25030-DUP2)</b>				Source: A3C1081-03 Prepared & Analyzed: 03/25/03						
Turbidity	34.8	0.20	NTU		35			0.573	20	

\*Reportable Detection Limit



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Analytical Report: Page 21 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

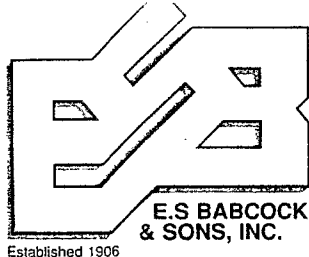
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25020 - Analyzed as received</b>										
<b>Blank (3C25020-BLK1)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3C25020-BS1)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Ammonia-Nitrogen	0.755	0.10	mg/L	0.780		96.8	90-110			
<b>Matrix Spike (3C25020-MS1)</b>				Source: A3C1057-02 Prepared: 03/25/03 Analyzed: 03/26/03						
Ammonia-Nitrogen	0.742	0.10	mg/L	0.780	0.068	86.4	80-120			
<b>Matrix Spike Dup (3C25020-MSD1)</b>				Source: A3C1057-02 Prepared: 03/25/03 Analyzed: 03/26/03						
Ammonia-Nitrogen	0.764	0.10	mg/L	0.780	0.068	89.2	80-120	2.92	20	
<b>Batch 3C25027 - Analyzed as received</b>										
<b>LCS (3C25027-BS1)</b>				Prepared & Analyzed: 03/25/03						
Ortho Phosphate Phosphorus	0.500	0.050	mg/L	0.500		100	90-110			
<b>Matrix Spike (3C25027-MS1)</b>				Source: A3C1061-04 Prepared & Analyzed: 03/25/03						
Ortho Phosphate Phosphorus	6.52	0.50	mg/L	5.00	1.6	98.4	80-120			
<b>Matrix Spike Dup (3C25027-MSD1)</b>				Source: A3C1061-04 Prepared & Analyzed: 03/25/03						
Ortho Phosphate Phosphorus	6.44	0.50	mg/L	5.00	1.6	96.8	80-120	1.23	20	
<b>Batch 3C25034 - Analyzed as received</b>										
<b>Blank (3C25034-BLK1)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Kjeldahl Nitrogen	ND	0.10	mg/L							

\*Reportable Detection Limit



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Analytical Report: Page 22 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003

Work Order Number: A3C1079

**Nutrients - Batch Quality Control**

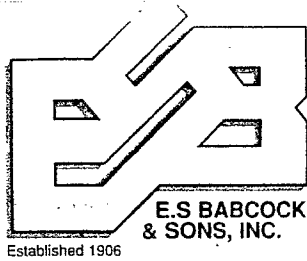
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25034 - Analyzed as received</b>										
<b>LCS (3C25034-BS1)</b>				Prepared: 03/25/03 Analyzed: 03/26/03						
Kjeldahl Nitrogen	0.938	0.10	mg/L	1.00		93.8	80-120			
<b>Matrix Spike (3C25034-MS1)</b>				Source: A3C0913-24 Prepared: 03/25/03 Analyzed: 03/26/03						
Kjeldahl Nitrogen	2.41	0.10	mg/L	1.00	1.5	91.0	50-145			
<b>Matrix Spike Dup (3C25034-MSD1)</b>				Source: A3C0913-24 Prepared: 03/25/03 Analyzed: 03/26/03						
Kjeldahl Nitrogen	2.43	0.10	mg/L	1.00	1.5	93.0	50-145	0.826	25	
<b>Batch 3C25050 - Analyzed as received</b>										
<b>LCS (3C25050-BS1)</b>				Prepared & Analyzed: 03/25/03						
Nitrite as N	0.990	0.10	mg/L	1.00		99.0	90-110			
<b>Matrix Spike (3C25050-MS1)</b>				Source: A3C1072-02 Prepared & Analyzed: 03/25/03						
Nitrite as N	1.98	0.10	mg/L	1.00	0.94	104	80-120			
<b>Matrix Spike Dup (3C25050-MSD1)</b>				Source: A3C1072-02 Prepared & Analyzed: 03/25/03						
Nitrite as N	1.97	0.10	mg/L	1.00	0.94	103	80-120	0.506	20	
<b>Batch 3C31009 - Acid Digest</b>										
<b>LCS (3C31009-BS1)</b>				Prepared & Analyzed: 03/31/03						
Total Phosphorus	0.484	0.05	mg/L	0.500		96.8	90-110			
<b>Matrix Spike (3C31009-MS1)</b>				Source: A3C0739-02 Prepared & Analyzed: 03/31/03						
Total Phosphorus	0.863	0.05	mg/L	0.500	0.44	84.6	80-120			

\*Reportable Detection Limit



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Analytical Report: Page 23 of 24  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 02-Apr-2003  
 Work Order Number: A3C1079

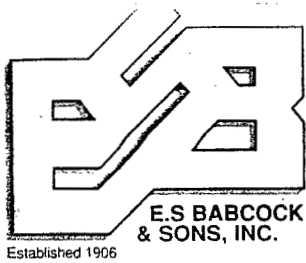
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C31009 - Acid Digest</b>										
<b>Matrix Spike Dup (3C31009-MSD1)</b> Source: A3C0739-02 Prepared & Analyzed: 03/31/03										
Total Phosphorus	0.858	0.05	mg/L	0.500	0.44	83.6	80-120	0.581	20	
<b>Batch 3D01005 - Acid Digest</b>										
<b>LCS (3D01005-BS1)</b> Prepared & Analyzed: 04/01/03										
Total Phosphorus	0.489	0.05	mg/L	0.500		97.8	90-110			
<b>Matrix Spike (3D01005-MS1)</b> Source: A3C1201-04 Prepared & Analyzed: 04/01/03										
Total Phosphorus	0.655	0.05	mg/L	0.500	0.21	89.0	80-120			
<b>Matrix Spike Dup (3D01005-MSD1)</b> Source: A3C1201-04 Prepared & Analyzed: 04/01/03										
Total Phosphorus	0.574	0.05	mg/L	0.500	0.21	72.8	80-120	13.2	20	QMSD

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Analytical Report: Page 24 of 24  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 02-Apr-2003  
**Work Order Number: A3C1079**

### Notes and Definitions

- QBLK The method blank did not meet laboratory acceptance criteria.
- QMSD MSD recovery did not meet laboratory acceptance criteria. MS and RPD within range.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

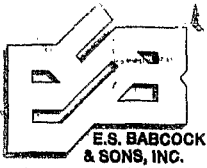
- James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:

APR 07 2003

REGIONAL





E.S. Babcock & Sons, Inc.  
 6100 Quail Valley Court Riverside, CA 92507  
 (909) 653-3351 • FAX (909) 653-1662

# Chain of Custody & Sample Information Record

Client: RWQCB - R 7 Contact: DOUG WYLIE Phone No. (760) 346-6585

Project Name: SALTON SEA NUTRIENTS Turn Around Time: Routine = 3-5 Days 48 Hours 24 Hours  
 Project Location: SALTON SEA (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Analysis Requested										Matrix	Notes					
ESB #	Sample ID	Date	Time	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	NITRATE - N	NITRITE - N	AMMONIA - N	TKN	TOTAL PHOSPHORUS	ORTHOPHOSPHATE	BOD, COD, TOC	SULFATE	TSS TURBIDITY	HARDNESS	ALKALINITY					
Name: <u>JEFF ALLRED</u>																				DW = Drinking Water						
Employer: <u>R-7</u>																				WW = Wastewater						
Signature: <u>Jeff Allred</u>																				GW = Groundwater						
																				S = Soil						
																				SG = Sludge						
																				L = Liquid						
																				M = Miscellaneous						
<u>1</u>	<u>CVSWC SS - CVSWC - 2.0</u>	<u>3/24/03</u>	<u>3:20pm</u>	1	2	1				4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	WW	
<u>2</u>	<u>SS - CVSWC - 2.1</u>		<u>3:20pm</u>	1	2	1				4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
<u>3</u>	<u>SS - ARO - 2.0</u>		<u>11:05am</u>	1	2	1				4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
<u>4</u>	<u>SS - NRO - 2.0</u>		<u>1:40pm</u>	1	2	1				4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
<u>5</u>	<u>SS - NRO - 2.4</u>		<u>1:40pm</u>	1	2	1				4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	RECEIVED

*08/2/03*

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Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Jeff Allred</u>	<u>Jeff Allred / R-7</u>	<u>3/25/03</u>	<u>Billan</u>	<u>Alexander Whayte / R-7</u>
<u>Alexander Whayte</u>	<u>Alexander Whayte</u>	<u>3/25/03</u>	<u>DOUG WYLIE</u>	<u>K. Tracy</u>

(For Lab Use Only)

Sample Integrity Upon Receipt

Sample(s) Submitted on Ice? (Yes) No

Custody Seal(s) Intact? Yes No N/A

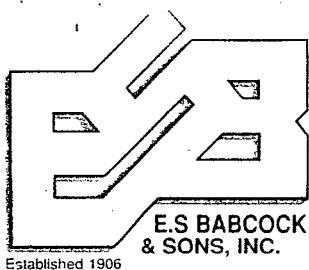
Sample(s) Intact? (Yes) No

Temperature 4 °C

Lab No. ABC1079

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Analytical Report: Page 1 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
**Work Order Number: A3D1083**

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

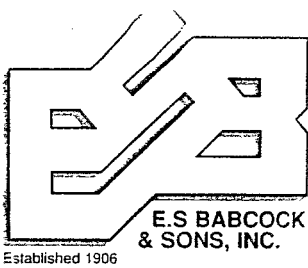
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

**Sample Identification**

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3D1083-01	IVD-ND2-2.0 I.V. Drains	Liquid	04/21/03 08:40	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1083-02	IVD-ND2-2.1 I.V. Drains	Liquid	04/21/03 08:40	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1083-03	IVD-PD-2.0 I.V. Drains	Liquid	04/21/03 10:30	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1083-04	IVD-PD1-2.0 I.V. Drains	Liquid	04/21/03 10:45	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1083-05	IVD-PUMD-2.0 I.V. Drains	Liquid	04/21/03 11:25	Jeff Allre	04/22/03 15:03	Jeff Allre
A3D1083-06	IVD-PUMD-2.4 I.V. Drains	Liquid	04/21/03 11:25	Jeff Allre	04/22/03 15:03	Jeff Allre



APR 28 2003



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Analytical Report: Page 2 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003

**Work Order Number: A3D1083**

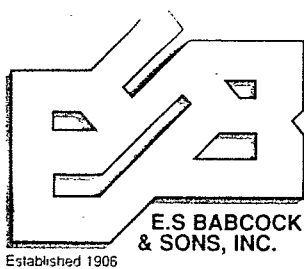
Laboratory Reference Number  
**A3D1083-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.0 I.V. Drains	Liquid	04/21/03 08:40	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	170	10 mg/L	SM 2540D	04/25/03 16:09	aeh	
General Physical						
Turbidity	150	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

\*Reportable Detection Limit





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Analytical Report: Page 3 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

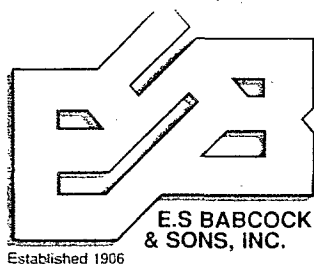
Laboratory Reference Number  
**A3D1083-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.1 I.V. Drains	Liquid	04/21/03 08:40	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	140	10 mg/L	SM 2540D	04/25/03 16:09	aeh	
General Physical						
Turbidity	140	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

\*Reportable Detection Limit





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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: **A3D1083**

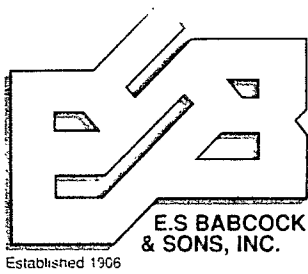
Laboratory Reference Number  
**A3D1083-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
<b>IVD-PD-2.0 I.V. Drains</b>	Liquid	04/21/03 10:30	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	450	20 mg/L	SM 2540D	04/25/03 16:09	aeh	
General Physical						
Turbidity	380	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

Laboratory Reference Number  
**A3D1083-04**

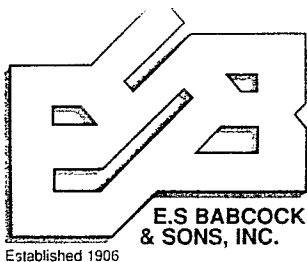
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PD1-2.0 I.V. Drains	Liquid	04/21/03 10:45	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Solids</b>						
Total Suspended Solids	68	5 mg/L	SM 2540D	04/25/03 16:09	aeH	
<b>General Physical</b>						
Turbidity	60	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

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 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 6 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

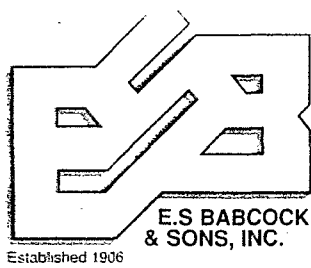
Laboratory Reference Number  
**A3D1083-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.0 I.V. Drains	Liquid	04/21/03 11:25	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	76	5 mg/L	SM 2540D	04/25/03 16:09	aeh	
General Physical						
Turbidity	61	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

\*Reportable Detection Limit





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 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 7 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

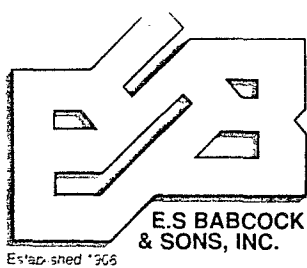
Laboratory Reference Number  
**A3D1083-06**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.4 I.V. Drains	Liquid	04/21/03 11:25	04/22/03 15:03

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	ND	5 mg/L	SM 2540D	04/25/03 16:09	aeh	
General Physical						
Turbidity	ND	0.20 NTU	SM 2130 B	04/23/03 18:35	era	N_HTa

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
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 Palm Desert, CA 92260

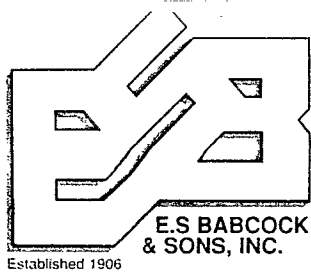
Analytical Report: Page 8 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Flag
<b>Batch 3D25004 - Analyzed as received</b>										
<b>Blank (3D25004-BLK1)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3D25004-BLK2)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3D25004-BS1)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	495		10 mg/L	500		99.0	90-110			
<b>LCS (3D25004-BS2)</b>				Prepared & Analyzed: 04/25/03						
Total Suspended Solids	476		10 mg/L	500		95.2	90-110			
<b>Duplicate (3D25004-DUP1)</b>				Source: A3D0994-04 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	270		20 mg/L		260			3.77	25	
<b>Duplicate (3D25004-DUP2)</b>				Source: A3D0996-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	264		20 mg/L		260			1.53	25	
<b>Duplicate (3D25004-DUP3)</b>				Source: A3D1081-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	476		40 mg/L		450			5.62	25	
<b>Duplicate (3D25004-DUP4)</b>				Source: A3D1083-01 Prepared & Analyzed: 04/25/03						
Total Suspended Solids	164		10 mg/L		170			3.59	25	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
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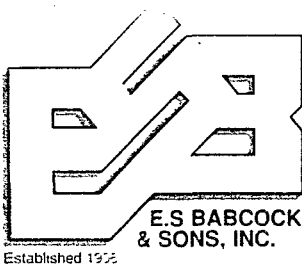
Analytical Report: Page 9 of 10  
 Project Name: Agreement Number 00-252-  
 Project Number: [none]  
 Report Date: 28-Apr-2003  
 Work Order Number: A3D1083

**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3D23028 - Analyzed as received</b>										
<b>Blank (3D23028-BLK1)</b>										
Turbidity	ND	0.20	NTU							
Prepared & Analyzed: 04/23/03										
<b>LCS (3D23028-BS1)</b>										
Turbidity	0.909	0.20	NTU	0.850		107	90-110			
Prepared & Analyzed: 04/23/03										
<b>Duplicate (3D23028-DUP1)</b>										
Turbidity	25.6	0.20	NTU		25			2.37	20	
Source: A3D1080-01 Prepared & Analyzed: 04/23/03										
<b>Duplicate (3D23028-DUP2)</b>										
Turbidity	187	0.20	NTU		190			1.59	20	
Source: A3D1086-03 Prepared & Analyzed: 04/23/03										

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Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 10 of 10  
Project Name: Agreement Number 00-252-  
Project Number: [none]  
Report Date: 28-Apr-2003  
Work Order Number: A3D1083

### Notes and Definitions

N\_HTa Sample analyzed outside of the EPA recommended holding time.  
DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

---

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

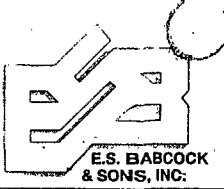
James K. Babcock  
President

Allison Mackenzie  
Lab Manager

Lawrence J. Chrystal  
Lab Director

cc:





E.S. Babcock & Sons, Inc.  
 6100 Quail Valley Court Riverside, CA 92507  
 (909) 653-3351 • FAX (909) 653-1662

# Chain of Custody & Sample Information Record

Client: CRWQCB - R7 Contact: DOUG WYLIE Phone No. (760) 346-6585

Project Name: I.V. DRAINS Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
 Project Location: IMPERIAL VALLEY (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives					Analysis Requested										Matrix	Notes				
Name: <u>JEFF ALLRED</u>				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	TSS	TURBIDITY											DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous	
Employer: <u>CRWQCB - R7</u>																								
Signature: <u>Jeff Allred</u>																								

ESB #	Sample ID	Date	Time	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	TSS	TURBIDITY	Analysis Requested										Matrix	Notes
①	IVD - NO2 - 2.0 (9)	4/21/03	8:40am	1						1	✓	✓											SURFACE WATER	
②	IVD - NO2 - 2.1 (10)		8:40am	1						1														
③	IVD - PD - 2.0 (11)		10:30am	1						1														
④	IVD - PD1 - 2.0 (16)		10:45am	1						1														
⑤	IVD - PUMD - 2.0 (17)		11:25am	1						1														
⑥	IVD - PUMD - 2.4 (18)		11:25am	1						1														

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Relinquished By (sign) <u>Jeff Allred</u>	Print Name / Company <u>JEFF ALLRED / CRWQCB - R7</u>	Date / Time <u>4/22/03</u>	Received By (Sign) <u>Angie Brown</u>	Print Name / Company <u>Angie Brown / ESB</u>
--	--	-------------------------------	--	--

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice? Yes No

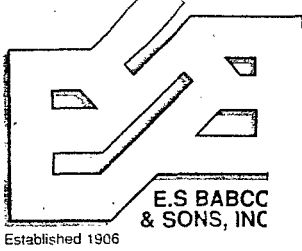
Custody Seal(s) Intact? Yes No N/A

Sample(s) Intact? Yes No

Temperature 7 °C

Lab No. Q3011083

Page 1



Grant Issues  
4/8/03

7-40  
NELAP #02101CA ELAP#1156  
Quail Valley Court Riverside, CA 92507-0704  
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PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional  
Contact: Maria De  
Address: 73-720 F  
Palm De

Analytical Report: Page 1 of 9  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 28-Mar-2003  
Work Order Number: A3C1081

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

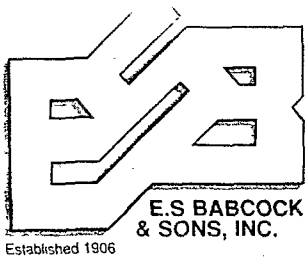
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3C1081-01	IVD-ND2-2.0 I.V.Drains	Liquid	03/24/03 09:42	Jeff Allre	03/25/03 10:20	Alexande
A3C1081-02	IVD-ND2-2.1 I.V.Drains	Liquid	03/24/03 09:42	Jeff Allre	03/25/03 10:20	Alexande
A3C1081-03	IVD-PD-2.0 I.V.Drains	Liquid	03/24/03 10:10	Jeff Allre	03/25/03 10:20	Alexande
A3C1081-04	IVD-PUMD-2.0 I.V.Drains	Liquid	03/24/03 11:45	Jeff Allre	03/25/03 10:20	Alexande
A3C1081-05	IVD-PUMD-2.4 I.V.Drains	Liquid	03/24/03 11:45	Jeff Allre	03/25/03 10:20	Alexande



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Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 2 of 9  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 28-Mar-2003  
Work Order Number: A3C1081

Laboratory Reference Number  
**A3C1081-01**

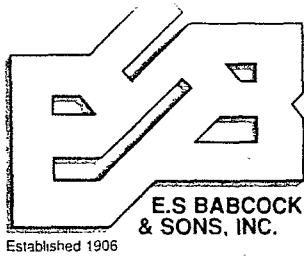
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.0 I.V. Drains	Liquid	03/24/03 09:42	03/25/03 10:20

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	120	10 mg/L	SM 2540D	03/26/03 20:00	kos	
General Physical						
Turbidity	120	0.20 NTU	SM 2130 B	03/25/03 18:52	imm	

\*Reportable Detection Limit







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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 3 of 9  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 28-Mar-2003  
 Work Order Number: A3C1081

Laboratory Reference Number  
**A3C1081-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-ND2-2.1 I.V. Drains	Liquid	03/24/03 09:42	03/25/03 10:20

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Solids							
Total Suspended Solids	120	10	mg/L	SM 2540D	03/26/03 20:00	kos	
General Physical							
Turbidity	120	0.20	NTU	SM 2130 B	03/25/03 18:52	imm	

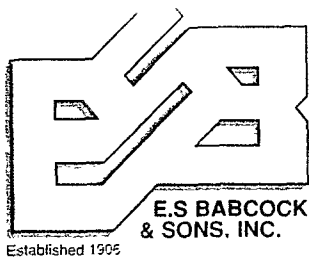
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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 9  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 28-Mar-2003  
 Work Order Number: A3C1081

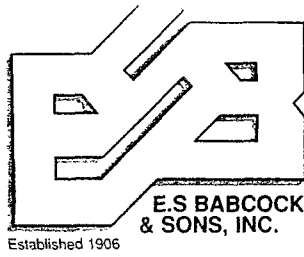
Laboratory Reference Number  
**A3C1081-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PD-2.0 I.V. Drains	Liquid	03/24/03 10:10	03/25/03 10:20

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Solids</b>						
Total Suspended Solids	38	5 mg/L	SM 2540D	03/26/03 20:00	kos	
<b>General Physical</b>						
Turbidity	35	0.20 NTU	SM 2130 B	03/25/03 18:52	imm	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
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 Palm Desert, CA 92260

Analytical Report: Page 5 of 9  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 28-Mar-2003  
 Work Order Number: A3C1081

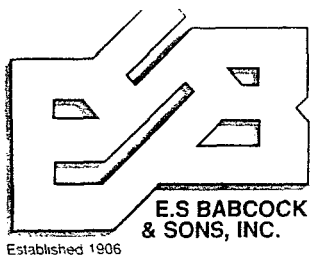
Laboratory Reference Number  
**A3C1081-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.0 I.V.Drains	Liquid	03/24/03 11:45	03/25/03 10:20

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
<b>Solids</b>							
Total Suspended Solids	120		10 mg/L	SM 2540D	03/26/03 20:00	kos	
<b>General Physical</b>							
Turbidity	93		0.20 NTU	SM 2130 B	03/25/03 18:52	imm	

\*Reportable Detection Limit





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e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 6 of 9  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 28-Mar-2003  
Work Order Number: A3C1081

Laboratory Reference Number  
**A3C1081-05**

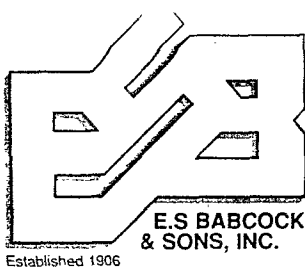
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
IVD-PUMD-2.4 I.V. Drains	Liquid	03/24/03 11:45	03/25/03 10:20

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	ND	5 mg/L	SM 2540D	03/26/03 20:00	kos	
General Physical						
Turbidity	ND	0.20 NTU	SM 2130 B	03/25/03 18:52	imm	

\*Reportable Detection Limit



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 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

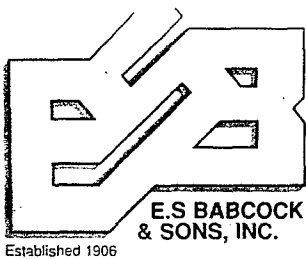
Analytical Report: Page 7 of 9  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 28-Mar-2003  
 Work Order Number: A3C1081

**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3C26032 - Analyzed as received</b>										
<b>Blank (3C26032-BLK1)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3C26032-BLK2)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3C26032-BS1)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	501		10 mg/L	500		100	90-110			
<b>LCS (3C26032-BS2)</b>				Prepared & Analyzed: 03/26/03						
Total Suspended Solids	482		10 mg/L	500		96.4	90-110			
<b>Duplicate (3C26032-DUP1)</b>				Source: A3C1070-01			Prepared & Analyzed: 03/26/03			
Total Suspended Solids	ND		10 mg/L						25	
<b>Duplicate (3C26032-DUP2)</b>				Source: A3C1071-03			Prepared & Analyzed: 03/26/03			
Total Suspended Solids	ND		5 mg/L						25	
<b>Duplicate (3C26032-DUP3)</b>				Source: A3C1105-02			Prepared & Analyzed: 03/26/03			
Total Suspended Solids	ND		5 mg/L						25	
<b>Duplicate (3C26032-DUP4)</b>				Source: A3C1117-01			Prepared & Analyzed: 03/26/03			
Total Suspended Solids	ND		5 mg/L						25	

\*Reportable Detection Limit





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Analytical Report: Page 8 of 9  
 Project Name: Agreement Number 00-252-  
 Project Number: 00-252-120-0  
 Report Date: 28-Mar-2003

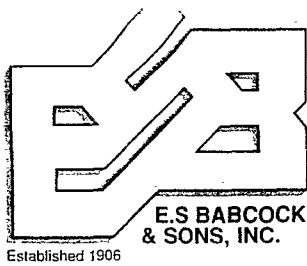
**Work Order Number: A3C1081**

**General Physical - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3C25030 - Analyzed as received</b>									
<b>LCS (3C25030-BS1)</b>				Prepared & Analyzed: 03/25/03					
Turbidity	0.921	0.20	NTU	0.850		108 90-110			
<b>Duplicate (3C25030-DUP1)</b>				Source: A3C1068-01 Prepared & Analyzed: 03/25/03					
Turbidity	4.41	0.20	NTU		4.1		7.29	20	
<b>Duplicate (3C25030-DUP2)</b>				Source: A3C1081-03 Prepared & Analyzed: 03/25/03					
Turbidity	34.8	0.20	NTU		35		0.573	20	

\*Reportable Detection Limit





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Palm Desert, CA 92260

Analytical Report: Page 9 of 9  
Project Name: Agreement Number 00-252-  
Project Number: 00-252-120-0  
Report Date: 28-Mar-2003  
Work Order Number: A3C1081

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. **Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.**

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal.  
President                      Lab Manager                      Lab Director

cc:









2003 date

E.S. Babcock & Sons, Inc.  
6100 Quail Valley Court Riverside, CA 92507

(909) 653-3351 • FAX (909) 653-1662

# Chain of Custody & Sample Information Record

Client: Regional Board 7 Contact: Ivory REYBURN Phone No. (760) 776-8933

Project Name: CVSWC Pathogen TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
Project Location: Coachella Valley (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Total # of Containers	Analysis Requested						Matrix	Notes			
Name:	Employer:	Signature:	ESB #	Sample ID	Date	Time	Unpreserved	H2SO4	HCl		HNO3	Na2S2O3	NaOH	NITRATE - N	AMMONIA - N	FECAL COLI	E. COLI	ENTEROCCI	FECAL STREP		
<u>Ivory REYBURN</u>	<u>CA Regional Board 7</u>	<u>Ivory Reyburn</u>																			
			<u>1</u>	<u>CV-LIST-2.0</u>	<u>5/16</u>	<u>7:15</u>	<u>1</u>	<u>1</u>					<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		<u>WW</u>
			<u>2</u>	<u>CV-AV66-2.0</u>		<u>7:40</u>	<u>1</u>	<u>1</u>					<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		
			<u>4</u>	<u>CV-CVND-2.0</u>		<u>8:40</u>	<u>1</u>	<u>1</u>					<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		
			<u>3</u>	<u>CV-APBL-2.0</u>		<u>9:11</u>	<u>1</u>	<u>1</u>					<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		
			<u>5</u>	<u>CV-CSD-2.0</u>		<u>9:55</u>	<u>1</u>	<u>1</u>					<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Ivory Reyburn</u>	<u>Ivory REYBURN / CRWOB-7</u>	<u>5/16/03 10:05 am</u>	<u>A. White</u>	<u>Alexander White / CRWOB-7</u>
<u>A. White</u>	<u>Alexander White / CRWOB-7</u>	<u>5/16/03 11:30</u>	<u>Angie Brown</u>	<u>Angie Brown / CRWOB-7</u>

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice?  Yes  No

Custody Seal(s) Intact?  Yes  No N/A

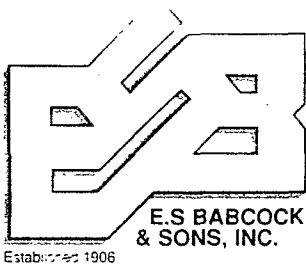
Sample(s) Intact?  Yes  No

Temperature 2 °C

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Lab No. A3EC 731

Page 1 of 1



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr, Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 1 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

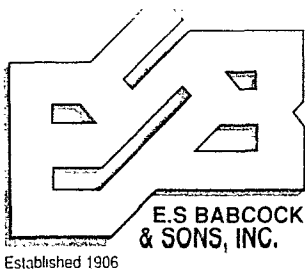
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3E0752-01	CV-AV52 - 2.0 Wastewater CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 10:35	Ivory Rey	05/16/03 14:25	Alex McKa
A3E0752-02	CV-AV52 - 2.4 Wastewater CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 10:40	Ivory Rey	05/16/03 14:25	Alex McKa
A3E0752-03	CV-AV50 - 2.0 Wastewater CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:05	Ivory Rey	05/16/03 14:25	Alex McKa
A3E0752-04	CV-AV50 - 2.1 Wastewater CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:10	Ivory Rey	05/16/03 14:25	Alex McKa
A3E0752-05	CV-VSD - 2.0 Wastewater CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:45	Ivory Rey	05/16/03 14:25	Alex McKa



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 2 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

Laboratory Reference Number  
**A3E0752-01**

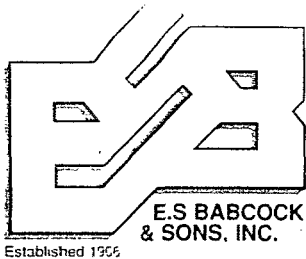
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV52 - 2.0 CVS WC Pathogen TMDL Coachella Valley	Liquid	05/16/03 10:35	05/16/03 14:25

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	6.0	0.20 mg/L	EPA 300.0	05/17/03 04:07	KOS	
Nutrients						
Ammonia-Nitrogen	8.4	0.20 mg/L	SM4500NH3H	05/20/03 15:32	sil	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 3 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

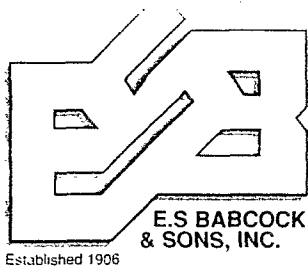
Laboratory Reference Number  
**A3E0752-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV52 - 2.4 CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 10:40	05/16/03 14:25

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	ND	0.20 mg/L	EPA 300.0	05/17/03 04:14	KOS	
Nutrients						
Ammonia-Nitrogen	ND	0.10 mg/L	SM4500NH3H	05/20/03 15:13	sll	

\*Reportable Detection Limit





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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

Laboratory Reference Number  
**A3E0752-03**

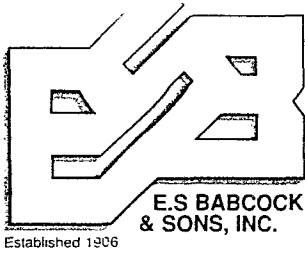
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV50 - 2.0 CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:05	05/16/03 14:25

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	ND	0.20 mg/L	EPA 300.0	05/17/03 04:22	KOS	
Nutrients						
Ammonia-Nitrogen	15	1.0 mg/L	SM4500NH3H	05/21/03 16:32	sl	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Maria De La Paz Carpio-Obeso  
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Analytical Report: Page 5 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

Laboratory Reference Number  
**A3E0752-04**

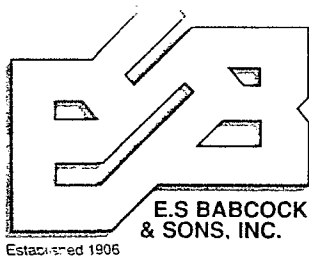
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV50 - 2.1 CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:10	05/16/03 14:25

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	0.23	0.20 mg/L	EPA 300.0	05/17/03 04:30	KOS	
Nutrients						
Ammonia-Nitrogen	15	1.0 mg/L	SM4500NH3H	05/21/03 16:33	sl	

\*Reportable Detection Limit



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 Palm Desert, CA 92260

Analytical Report: Page 6 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

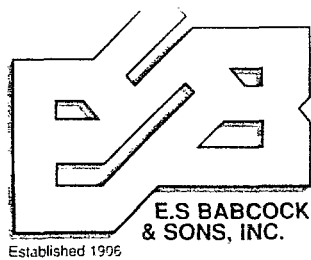
Laboratory Reference Number  
**A3E0752-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-VSD - 2.0 CVSWC Pathogen TMDL Coachella Valley	Liquid	05/16/03 11:45	05/16/03 14:25

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
<b>Anions</b>						
Nitrate as N	0.93	0.20 mg/L	EPA 300.0	05/17/03 04:37	KOS	
<b>Nutrients</b>						
Ammonia-Nitrogen	12	1.0 mg/L	SM4500NH3H	05/21/03 16:34	sll	

\*Reportable Detection Limit





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Analytical Report: Page 7 of 9  
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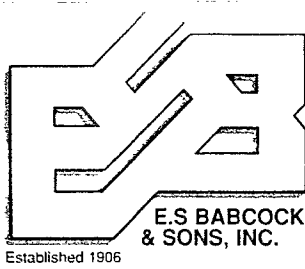
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3E16050 - Analyzed as received</b>										
<b>Blank (3E16050-BLK1)</b>				Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3E16050-BLK2)</b>				Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3E16050-BS1)</b>				Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	11.7	0.20	mg/L	11.3	104	90-110				
<b>LCS (3E16050-BS2)</b>				Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	11.7	0.20	mg/L	11.3	104	90-110				
<b>Matrix Spike (3E16050-MS1)</b>				Source: A3E0731-04 Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	11.0	0.20	mg/L	4.52	6.2	106	80-114			
<b>Matrix Spike (3E16050-MS2)</b>				Source: A3E0757-01 Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	4.39	0.20	mg/L	4.52	ND	97.1	80-114			
<b>Matrix Spike Dup (3E16050-MSD1)</b>				Source: A3E0731-04 Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	11.0	0.20	mg/L	4.52	6.2	106	80-114	0.00	20	
<b>Matrix Spike Dup (3E16050-MSD2)</b>				Source: A3E0757-01 Prepared: 05/16/03 Analyzed: 05/17/03						
Nitrate as N	4.35	0.20	mg/L	4.52	ND	96.2	80-114	0.915	20	

\*Reportable Detection Limit







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Analytical Report: Page 8 of 9  
 Project Name: IFB Number 79170-86 Effec  
 Project Number: 02-114-170-0  
 Report Date: 23-May-2003  
 Work Order Number: A3E0752

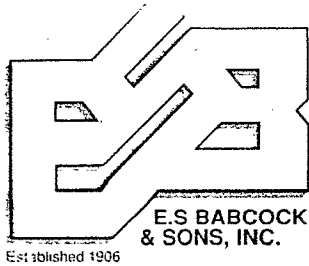
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD RPD	RPD Limit	Flag
<b>Batch 3E19010 - Analyzed as received</b>										
<b>Blank (3E19010-BLK1)</b>				Prepared: 05/19/03 Analyzed: 05/20/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3E19010-BS1)</b>				Prepared: 05/19/03 Analyzed: 05/20/03						
Ammonia-Nitrogen	0.849	0.10	mg/L	0.780		109	90-110			
<b>Matrix Spike (3E19010-MS1)</b>				Source: A3E0698-01 Prepared: 05/19/03 Analyzed: 05/20/03						
Ammonia-Nitrogen	0.851	0.10	mg/L	0.780	0.17	87.3	80-120			
<b>Matrix Spike Dup (3E19010-MSD1)</b>				Source: A3E0698-01 Prepared: 05/19/03 Analyzed: 05/20/03						
Ammonia-Nitrogen	0.810	0.10	mg/L	0.780	0.17	82.1	80-120	4.94	20	
<b>Batch 3E20047 - Analyzed as received</b>										
<b>Blank (3E20047-BLK1)</b>				Prepared: 05/20/03 Analyzed: 05/21/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3E20047-BS1)</b>				Prepared: 05/20/03 Analyzed: 05/21/03						
Ammonia-Nitrogen	0.767	0.10	mg/L	0.780		98.3	90-110			
<b>Matrix Spike (3E20047-MS1)</b>				Source: A3E0752-05RE Prepared: 05/20/03 Analyzed: 05/21/03						
Ammonia-Nitrogen	21.0	1.0	mg/L	7.80	12	115	80-120			
<b>Matrix Spike Dup (3E20047-MSD1)</b>				Source: A3E0752-05RE Prepared: 05/20/03 Analyzed: 05/21/03						
Ammonia-Nitrogen	20.3	1.0	mg/L	7.80	12	106	80-120	3.39	20	

\*Reportable Detection Limit



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e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Maria De La Paz Carpio-Obeso  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 9 of 9  
Project Name: IFB Number 79170-86 Effec  
Project Number: 02-114-170-0  
Report Date: 23-May-2003  
**Work Order Number: A3E0752**

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

---

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

---

James K. Babcock       Allison Mackenzie       Lawrence J. Chrystal  
President                      Lab Manager                      Lab Director

cc:



7-42



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6100 Quail Valley Court Riverside, CA 92507  
(909) 653-3351 • FAX (909) 653-1662

# Chain of Custody & Sample Information Record

Client: REGIONAL BOARD 7 Contact: IVORY REYBURN Phone No. (714) 776-8933

Project Name: CNSWC PATH TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours

Project Location: COACHELLA VALLEY

(Flushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives					Total # of Containers	Analysis Requested					Matrix	Notes		
Name:	Employer:	Signature:		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		NaOH	NITRATE-N	AMMONIA-N	FECAL COLI	E. COLI	ENTEROCOCCI	PHAL STREP		
<u>IVORY REYBURN</u>	<u>CA REG. BOARD 7</u>	<u>Ivory Reyburn</u>																
ESB #	Sample ID	Date	Time															
	<u>CV-AV52-2.0</u>	<u>5/16</u>	<u>10:35</u>	1	1			2		4	1	1	1	1	1			<u>WW</u>
	<u>CV-AV52-2.4</u>		<u>10:40</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-AV50-2.0</u>		<u>11:05</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-AV50-2.1</u>		<u>11:10</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-VSD-2.0</u>		<u>11:45</u>	1	1			2		4	1	1	1	1	1			

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Ivory Reyburn</u>	<u>IVORY REYBURN/RB.7</u>	<u>5/16/03 1:15 pm</u>	<u>Alex McKay</u>	<u>Alex McKay / CRW ac B 7</u>
<u>Alex McKay</u>	<u>Alex McKay / CRW ac B 7</u>	<u>5/16/03 14:25</u>	<u>Karen Tracy</u>	<u>Karen Tracy</u>

(For Lab Use Only)

Sample Integrity Upon Receipt

Samplers Submitted on Ice?  Yes  No

Custody Seal(s) Intact?  Yes  No N/A

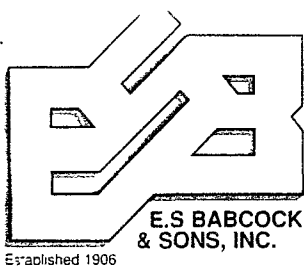
Sample(s) Intact?  Yes  No

Temperature 2 °C

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Lab No. A3E0752A

Page 1 of 1



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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

05/23/03

#288

To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B583  
 Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0715
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1215 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

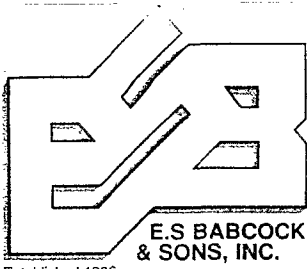
**Multiple Tube Fermentation Technique**  
**Standard Methods 9221**

Sample ID Coachella Valley	mL Planted	TOTAL COLIFORM		FECAL COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-LIST-2.0 (39)	1	5		5	300	5	300
	0.1	5	240000	1		1	
	0.01	5		0		0	
	0.001	0		0		0	

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*[Signature]*  
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 e-mail: esbsales@aol.com  
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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B584  
 Invoice No. 51882

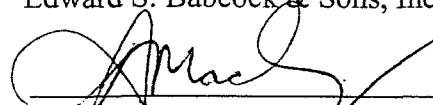
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0740
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1220 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

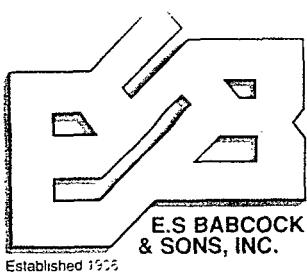
**Multiple Tube Fermentation Technique**  
 Standard Methods 9221

Sample ID Coachella Valley	mL Planted	TOTAL COLIFORM		FECAL COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV66-2.0 (35)	1	5		4	170	2	40
	0.1	5	8000	1		0	
	0.01	3		0		0	
	0.001	0		0		0	

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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B585  
 Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0840
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1225 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

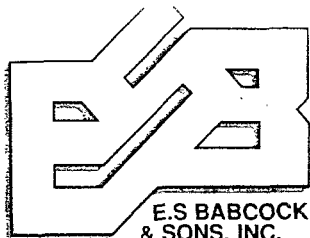
Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
Coachella Valley							
CV-CVWD-2.0 (31)	1	5		4	270	3	110
	0.1	5	24000	3		1	
	0.01	5		0		0	
	0.001	0		0		0	

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To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100

Palm Desert, CA 92260

Lab No. 030516-B586

Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0911
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1233 By: ML

Time from Collection to set-up: ≤6 hrs.

Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley							
CV-APBL-2.0	1	5		4	170	4	170
(27)	0.1	5	3000	1		1	
	0.01	1		0		0	
	0.001	0		0		0	

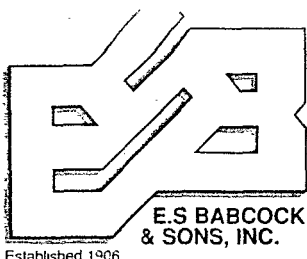
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To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B587

Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0955
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1240 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
Coachella Valley							
CV-CSD-2.0 (23)	1	5		5	230	5	230
	0.1	5	8000	0		0	
	0.01	3		0		0	
	0.001	0		0		0	

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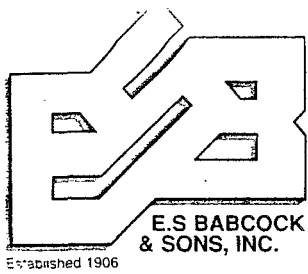
*[Signature]*  
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**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030516-B588  
 Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16 03 @ 12:45 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID Coachella Valley	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS Tubes + MPN/100mL		Enterococcus Tubes + MPN/100mL	
CV-List-2.0 (40) @0715	1	5		5	
	0.1	5	17000	5	8000
	0.01	3		3	
	0.001	3		0	
CV-AV66-2.0 (36) @0740	1	5	1700	5	500
	0.1	4		2	
	0.01	1		0	
	0.001	0		0	

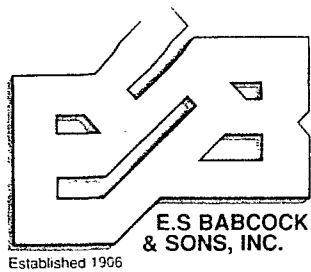
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**Laboratory Results**

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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030516-B589  
 Invoice No. 51882

	Submitted	Sampled
By:	AW	IR
Employer:	RWQCB #7	RWQCB #7
Date:	05/16/03	05/16/03
Time:	11:30	
Sample Received on Ice: Yes		
Chain of Custody on File: Yes		

Date & Time set-up: 05/16/03 @ 12:50 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

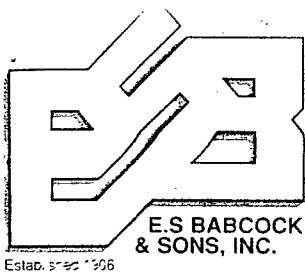
Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley					
CV-CVWD-2.0 (32) @0840	1	5		5	
	0.1	5	3000	5	2300
	0.01	1		0	
	0.001	0		0	
CV-APBL-2.0 (28) @0911	1	5	600	5	300
	0.1	1		0	
	0.01	2		1	
	0.001	0		0	

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05/23/03  
**Laboratory Results**

#288  
 To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. : 030516-B590  
 Invoice No. 51882

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 11:30	0955
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 12:55 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID Coachella Valley	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-CSD-2.0 (24)	1	5	300	5	300
	0.1	1		1	
	0.01	0		0	
	0.001	0		0	

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# Chain of Custody & Sample Information Record

Client: Regional Board 7 Contact: VORY REYBURN Phone No: (760) 776-8933

Project Name: CVSWC Pathogen TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
 Project Location: Coachella Valley (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Total # of Containers	Analysis Requested						Matrix	Notes		
Name:	Employer:	Signature:		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH		NITRATE - N	AMMONIA - N	FECAL COLI	E. COLI	ENTEROCOCCI	PHCAL STREP				
<u>VORY REYBURN</u>	<u>CA Regional Board 7</u>	<u>Vory Reyburn</u>																		
ESB #	Sample ID	Date	Time																	
	<u>CV-LIST-2.0</u>	<u>5/16</u>	<u>7:15</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>					<u>WW</u>
	<u>CV-AN66-2.0</u>		<u>7:40</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>					
	<u>CV-CVND-2.0</u>		<u>8:40</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>					
	<u>CV-APBL-2.0</u>		<u>9:11</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>					
	<u>CV-CSD-2.0</u>		<u>9:55</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>					

Relinquished By (sign) <u>Vory Reyburn</u> <u>A. White</u>	Print Name / Company <u>VORY REYBURN / CRWQB-7</u> <u>Alexander White / CRWQB-7</u>	Date / Time <u>5/16/03 10:05am</u> <u>5/16/03 11:30</u>	Received By (Sign) <u>A. White</u> <u>Angie Brown</u>	Print Name / Company <u>Alexander White / CRWQB-7</u> <u>Angie Brown / ESB</u>
--	---	---	---	--

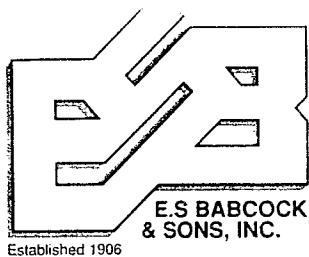
(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice? Yes No  
 Custody Seal(s) Intact? Yes No N/A  
 Sample(s) Intact? Yes No

Temperature 2 °C

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Lab No. \_\_\_\_\_  
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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

05/23/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B604  
 Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	10:35
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1555 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL COLIFORM		FECAL	COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley								
CV-AV52-2.0	1	5		4	130	3	80	
(15)	0.1	5	3000	0		0		
	0.01	0		0		0		
	0.001	1		0		0		

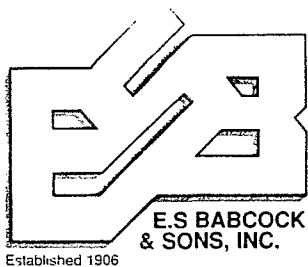
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 e-mail: esbsales@aol.com  
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05/23/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B605  
 Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	10:40
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1555 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
Coachella Valley							
CV-AV52-2.4 (19)	1	0	<20				
	0.1	0					
	0.01	0					
	0.001	0					

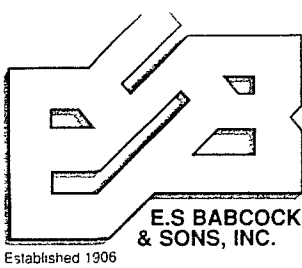
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#288  
 To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B606  
 Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	11:05
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1600 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley							
CV-AV50-2.0	1	5		4	170	4	170
(7)	0.1	5	3000	1		1	
	0.01	1		0		0	
	0.001	0		0		0	

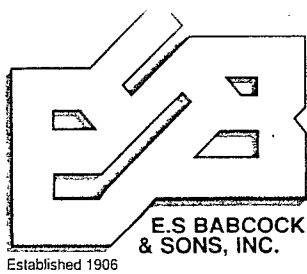
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*[Signature]*  
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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030516-B607  
 Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	11:10
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1600 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley							
CV-AV50-2.1 (11)	1	5		3	140	2	90
	0.1	5	5000	2		2	
	0.01	2		0		0	
	0.001	0		0		0	

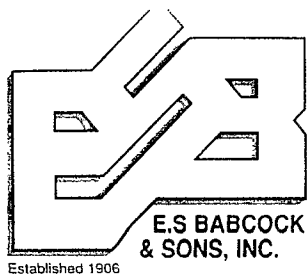
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#288

To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100

Palm Desert, CA 92260

Lab No. 030516-B608

Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	11:45
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 1605 By: ML

Time from Collection to set-up: ≤6 hrs.

Holding time (max.6 hrs.) Observed: Yes

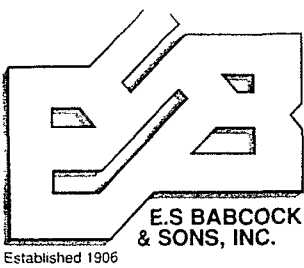
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley							
CV-VSD-2.0	1	5		5		5	3000
(3)	0.1	5	30000	5	5000	5	
	0.01	5		2		1	
	0.001	1		0		0	

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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030516-B609  
 Invoice No. 51895

	Submitted	Sampled
By:	Alex M.	IR
Employer:	RWQCB #7	RWQCB #7
Date:	05/16/03	05/16/03
Time:	14:25	
Sample Received on Ice: Yes		
Chain of Custody on File: Yes		

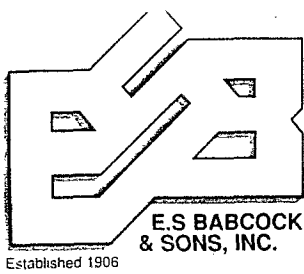
Date & Time set-up: 05/16/03 @ 16:05 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley					
CV-AV52-2.0 (16) @1035	1	5	500	5	500
	0.1	2		2	
	0.01	0		0	
	0.001	0		0	
CV-AV52-2.4 (20)	1	0	<20	0	<20
	0.1	0		0	
	0.01	0		0	
	0.001	0		0	

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**Laboratory Results**

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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030516-B610  
 Invoice No. 51895

Submitted	Sampled
By: Alex M.	IR
Employer: RWQCB #7	RWQCB #7
Date: 05/16/03	05/16/03
Time: 14:25	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 05/16/03 @ 16:10 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID Coachella Valley	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV50-2.0 (8) @1150	1	5	1100	5	800
	0.1	3		3	
	0.01	1		0	
	0.001	0		0	
CV-AV50-2.1 (12) @1110	1	5	500	5	300
	0.1	2		1	
	0.01	0		0	
	0.001	0		0	

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*[Signature]*

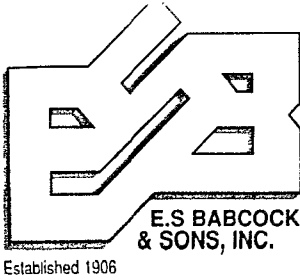
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**Laboratory Results**

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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

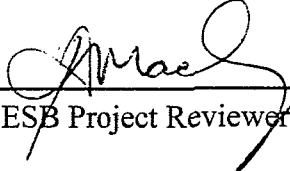
Lab No. 030516-B611  
 Invoice No. 51895

	Submitted	Sampled
By:	Alex M.	IR
Employer:	RWQCB #7	RWQCB #7
Date:	05/16/03	05/16/03
Time:	14:25	1145
Sample Received on Ice: Yes		
Chain of Custody on File: Yes		

Date & Time set-up: 05/16/03 @ 16:15 By: ML  
 Time from Collection to set-up: ≤6hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley					
CV-VSD-2.0 (4)	1	5	2200	5	2200
	0.1	4		4	
	0.01	2		2	
	0.001	0		0	

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050612-5475 10 0480



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6100 Quail Valley Court Riverside, CA 92507  
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# Chain of Custody & Sample Information Record

Client: Regional Board 7 Contact: Ivory Reiburn Phone No. (760) 776-8933

Project Name: USMC Ramoegen TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
Project Location: Coachella Valley (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives					Total # of Containers	Analysis Requested							Matrix	Notes	
Name:	Employer:	Signature:	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH		NITRATE-N	AMMONIA-N	PHOSPHATE-P	CHLORIDE	COD	BOD	ENTEROCOC	FECAL STRE	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous	
<u>Ivory Reiburn</u>	<u>CA Reg. Board 7</u>	<u>Ivory Reiburn</u>																	
ESB #	Sample ID	Date	Time																
	<u>CV-AV52-2.0</u>	<u>6/12/03</u>	<u>10:45</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			<u>WW</u>
	<u>CV-AV52-2.4</u>		<u>10:50</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
	<u>CV-AV50-2.0</u>		<u>11:10</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
	<u>CV-AV50-2.1</u>		<u>11:15</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
	<u>CV-VSD-2.0</u>		<u>11:45</u>	<u>1</u>	<u>1</u>			<u>2</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Ivory Reiburn</u>	<u>Ivory Reiburn / RT</u>	<u>6/12/03 12:30</u>	<u>Alexander White</u>	<u>Alexander White / RT</u>
<u>A. White</u>	<u>Alexander White / RT</u>	<u>6/12/03 1:45</u>	<u>D. Allred</u>	<u>D. Allred</u>

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice?  Yes No

Custody Seal(s) Intact? Yes No N/A

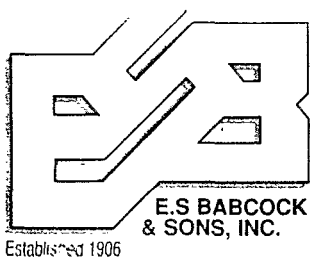
Sample(s) Intact?  Yes No

Temperature 2 °C

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Lab No. \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

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6100 Quail Valley Court Riverside, CA 92507-0704  
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PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 19-Jun-2003  
**Work Order Number: A3F0572**

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

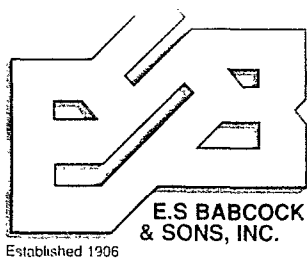
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3F0572-01	CV-LIST-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 07:20	Ivory Rey	06/12/03 11:03	Alex McKa
A3F0572-02	CV-AV66-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 07:45	Ivory Rey	06/12/03 11:03	Alex McKa
A3F0572-03	CV-APBL-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 08:25	Ivory Rey	06/12/03 11:03	Alex McKa
A3F0572-04	CV-CVWD-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 09:05	Ivory Rey	06/12/03 11:03	Alex McKa



JUN 23 2003



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PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 2 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 19-Jun-2003  
**Work Order Number: A3F0572**

Laboratory Reference Number  
**A3F0572-01**

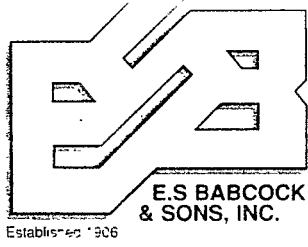
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-LIST-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 07:20	06/12/03 11:03

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Anions							
Nitrate as N	13	0.20	mg/L	EPA 300.0	06/13/03 06:13	KOS	
Nutrients							
Ammonia-Nitrogen	1.3	0.10	mg/L	SM4500NH3H	06/18/03 14:59	slj	

\*Reportable Detection Limit



JUN 23 2003



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6100 Quail Valley Court Riverside, CA 92507-0704  
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PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100,  
Palm Desert, CA 92260

Analytical Report: Page 3 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 19-Jun-2003  
**Work Order Number: A3F0572**

Laboratory Reference Number  
**A3F0572-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV66-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 07:45	06/12/03 11:03

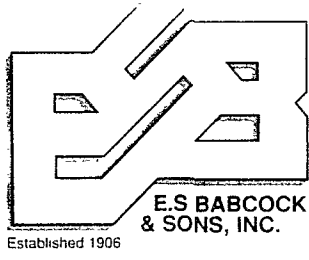
<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Anions Nitrate as N	16	0.20	mg/L	EPA 300.0	06/13/03 06:20	KOS	
Nutrients Ammonia-Nitrogen	1.9	0.10	mg/L	SM4500NH3H	06/18/03 15:00	sl	

\*Reportable Detection Limit



JUN 23 2003





NELAP #02101CA ELAP#1156  
 6100 Quail Valley Court Riverside, CA 92507-0704  
 P.O. Box 432 Riverside, CA 92502-0432  
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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 4 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 19-Jun-2003  
**Work Order Number: A3F0572**

Laboratory Reference Number  
**A3F0572-03**

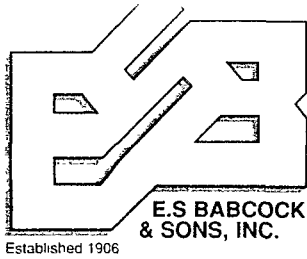
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-APBL-2.0	Liquid	06/12/03 08:25	06/12/03 11:03
Coachella Valley - CVSWC Pathogen TMDL			

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Anions							
Nitrate as N	8.5	0.20	mg/L	EPA 300.0	06/13/03 06:27	KOS	
Nutrients							
Ammonia-Nitrogen	6.0	0.20	mg/L	SM4500NH3H	06/18/03 15:24	sl	

\*Reportable Detection Limit



JUN 23 2003



NELAP #02101CA ELAP#1156  
 6100 Quail Valley Court Riverside, CA 92507-0704  
 P.O. Box 432 Riverside, CA 92502-0432  
 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 19-Jun-2003  
 Work Order Number: A3F0572

Laboratory Reference Number  
**A3F0572-04**

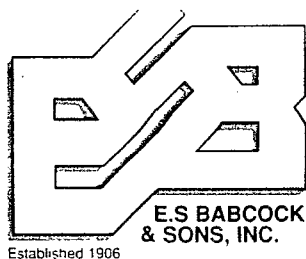
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-CVWD-2.0	Liquid	06/12/03 09:05	06/12/03 11:03
Coachella Valley - CVSWC Pathogen TMDL			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	10	0.20 mg/L	EPA 300.0	06/13/03 06:34	KOS	
Nutrients						
Ammonia-Nitrogen	2.5	0.10 mg/L	SM4500NH3H	06/18/03 15:02	sil	

\*Reportable Detection Limit



JUN 23 2003



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 6 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 19-Jun-2003  
 Work Order Number: A3F0572

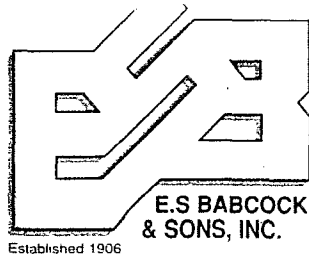
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F12048 - Analyzed as received</b>										
<b>Blank (3F12048-BLK1)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK2)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK3)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK4)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK5)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3F12048-BS1)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS2)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS3)</b>										
Nitrate as N	12.4	0.20	mg/L	11.3	110	90-110				
<b>LCS (3F12048-BS4)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS5)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				

\*Reportable Detection Limit



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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 7 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 19-Jun-2003  
 Work Order Number: A3F0572

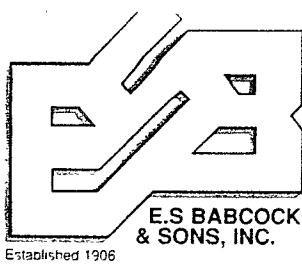
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F12048 - Analyzed as received</b>										
<b>Matrix Spike (3F12048-MS1)</b>										
Nitrate as N	4.35	0.20	mg/L	4.52	0.27	90.3	80-114			
<b>Matrix Spike (3F12048-MS2)</b>										
Nitrate as N	7.41	0.20	mg/L	4.52	2.9	99.8	80-114			
<b>Matrix Spike (3F12048-MS3)</b>										
Nitrate as N	4.28	0.20	mg/L	4.52	ND	94.7	80-114			
<b>Matrix Spike (3F12048-MS4)</b>										
Nitrate as N	4.18	0.20	mg/L	4.52	ND	92.5	80-114			
<b>Matrix Spike (3F12048-MS5)</b>										
Nitrate as N	4.09	0.20	mg/L	4.52	ND	90.5	80-114			
<b>Matrix Spike Dup (3F12048-MSD1)</b>										
Nitrate as N	4.32	0.20	mg/L	4.52	0.27	89.6	80-114	0.692	20	
<b>Matrix Spike Dup (3F12048-MSD2)</b>										
Nitrate as N	7.52	0.20	mg/L	4.52	2.9	102	80-114	1.47	20	
<b>Matrix Spike Dup (3F12048-MSD3)</b>										
Nitrate as N	4.25	0.20	mg/L	4.52	ND	94.0	80-114	0.703	20	
<b>Matrix Spike Dup (3F12048-MSD4)</b>										
Nitrate as N	4.18	0.20	mg/L	4.52	ND	92.5	80-114	0.00	20	
<b>Matrix Spike Dup (3F12048-MSD5)</b>										
Nitrate as N	1.03	0.20	mg/L	4.52	ND	22.8	80-114	120	20	QFnt, QMout

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 9  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 19-Jun-2003  
 Work Order Number: A3F0572

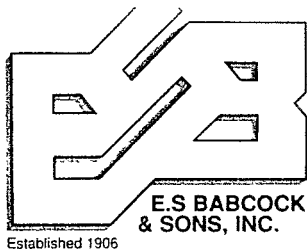
**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F13012 - Analyzed as received</b>										
<b>Blank (3F13012-BLK1)</b>										
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F13012-BS1)</b>										
Ammonia-Nitrogen	0.752	0.10	mg/L	0.780	1.3	96.4	90-110			
<b>Matrix Spike (3F13012-MS1)</b>										
Ammonia-Nitrogen	1.97	0.10	mg/L	0.780	1.3	85.9	80-120			
<b>Matrix Spike Dup (3F13012-MSD1)</b>										
Ammonia-Nitrogen	1.96	0.10	mg/L	0.780	1.3	84.6	80-120	0.509	20	

\*Reportable Detection Limit



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Palm Desert, CA 92260

Analytical Report: Page 9 of 9  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 19-Jun-2003  
**Work Order Number: A3F0572**

### Notes and Definitions

- QFnt The referenced sample did not require this QC analyte, so a follow-up is not needed.
- QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (RDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

---

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock  
President

Allison Mackenzie  
Lab Manager

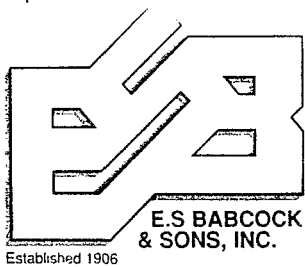
Lawrence J. Chrystal  
Lab Director

cc:

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 e-mail: esbsales@aol.com  
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06/18/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B450  
 Invoice No. 52557

Submitted	Sampled
By: Alex	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 11:03	07:20
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1150 By: ML  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley (routine)							
CV-List 2.0 (39)	1	5		5	1700	5	300
	0.1	5	24000	4		1	
	0.01	5		1		0	
	0.001	0		0		0	

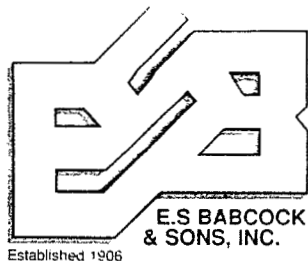
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*[Signature]*  
 ESB Project Reviewer



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 6100 Quail Valley Court Riverside, CA 92507-0704  
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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

06/18/03

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B451  
 Invoice No. 52557

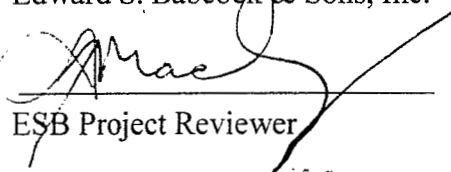
Submitted	Sampled
By: Alex	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 11:03	07:45
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1150 By: ML  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

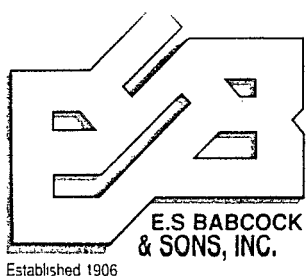
<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli</u>	
						<u>Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley (routine)							
CV-AV66- 2.0 (35)	1	5		5		5	300
	0.1	5	24000	5	2300	1	
	0.01	5		0		0	
	0.001	0		0		0	

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 e-mail: esbsales@aol.com  
 www.babcocklabs.com

06/18/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B452  
 Invoice No. 52557

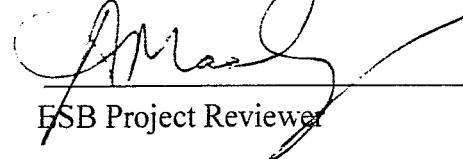
Submitted	Sampled
By: Alex	JA
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 11:03	08:25
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1155 By: ML  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

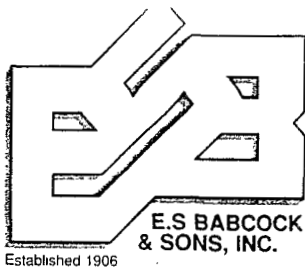
<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley (routine)							
CV-APBL- 2.0 (27)	1	5		5	1700	4	170
	0.1	5	90000	4		1	
	0.01	5		1		0	
	0.001	3		0		0	

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JUN 23 2003



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06 18 03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B453  
 Invoice No. 52557

Submitted	Sampled
By: Alex	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 11:03	09:05
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1155 By: ML  
 Time from Collection to set-up: ≤ 6hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

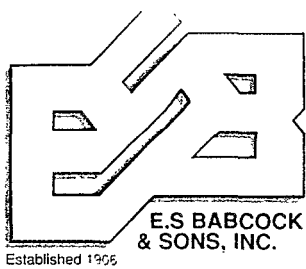
Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	<i>Escherichia coli</i> Tubes +	MPN/100mL
Coachella Valley (routine)							
CV-CVWD- 2.0 (31)	1	5		5		5	800
	0.1	5	90000	5	5000	3	
	0.01	5		2		0	
	0.001	3		0		0	

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*[Signature]*  
 ESB Project Reviewer



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06/18/03  
**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030612-B454  
 Invoice No. 52557

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 11:03	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 12:05 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

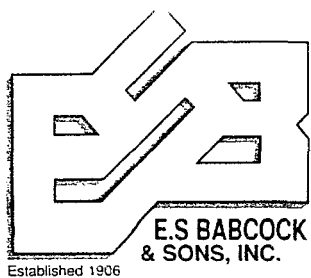
Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley (Routine)					
CV-List-2.0 @0720	1	5		5	
	0.1	5	17000	5	2300
	0.01	4		0	
	0.001	1		0	
CV-AV66-2.0 @0745	1	5		5	1700
	0.1	5	5000	4	
	0.01	2		1	
	0.001	0		0	

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*(Signature)*  
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 ESB Project Reviewer



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 e-mail: esbsales@aol.com  
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06/18/03  
**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert. CA 92260

Lab No. 030612-B455  
 Invoice No. 52557

	Submitted	Sampled
By:	AM	IR
Employer:	RWQCB #7	RWQCB #7
Date:	06/12/03	06/12/03
Time:	11:03	
Sample Received on Ice:	Yes	
Chain of Custody on File:	Yes	

Date & Time set-up: 06/12/03 @ 12:10 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID Coachella Valley (Routine)	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-APBL-2.0 (28) @0825	1	5		5	300
	0.1	5	2300	1	
	0.01	0		0	
	0.001	0		0	
CV-CVWD-2.0 (32) @0905	1	5		5	1300
	0.1	5	5000	4	
	0.01	2		0	
	0.001	0		0	

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*[Signature]*  
 ESB Project Reviewer



JUN 23 2003



E.S. Babcock & Sons, Inc.  
6100 Quail Valley Court Riverside, CA 92507

(909) 653-3351 • FAX (909) 653-1662

030612-B450 to -B455

# Chain of Custody & Sample Information Record

Client: Regional Board 7 Contact: Ivory REYBURN Phone No. (760) 776-8933

Project Name: CVSWC Pathogen TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
Project Location: Coachella Valley (Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives					Total # of Containers	Analysis Requested						Matrix	Notes
Name:	Employer:	Signature:		Unpreserved	H2SO4	HCl	HNO3	Na2S2O3		NaOH	NITRATE-N	AMMONIA-N	FECAL COLI	E. COLI	ENTEROCOCC	FECAL STREPT	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous
<u>Ivory REYBURN</u>	<u>CA Reg. Board 7</u>	<u>Gary Reyburn</u>								1	1	1	1	1	1	WW	
										1	1	1	1	1	1		
										1	1	1	1	1	1		
										1	1	1	1	1	1		

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Gary Reyburn</u>	<u>Ivory Reyburn / R7</u>	<u>6/12/03 9:40am</u>	<u>Alex MCK24</u>	<u>Alex MCK24 / CRWQCB7</u>
<u>[Signature]</u>	<u>Alex MCK24 / CRWQCB7</u>	<u>6/12/03 11:03am</u>	<u>Angie Brown</u>	<u>Angie Brown / CRWQCB7</u>

(For Lab Use Only) Sample Integrity Upon Receipt

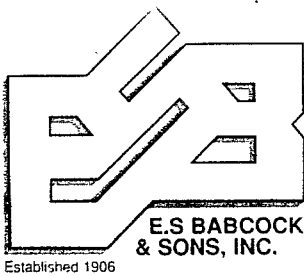
Sample(s) Submitted on Ice? Yes No  
 Custody Seal(s) Intact? Yes No N/A  
 Sample(s) Intact? Yes No

Temperature 3 °C

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Lab No. \_\_\_\_\_  
 Page \_\_\_\_\_ of \_\_\_\_\_

7-46



NELAP #02101CA ELAP#1156  
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 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

04/30/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B806  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	10:55
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1555 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

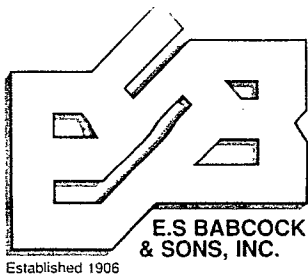
<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
CV-AV52-2.0	1	5	3500	3	80	3	80
	0.1	4		0		0	
	0.01	4		0		0	
	0.001	1		0		0	

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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B807  
 Invoice No. 51301

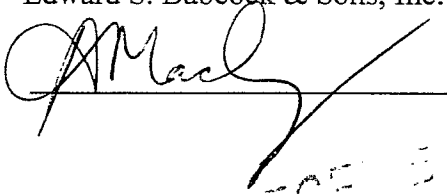
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	11:25
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1600 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	<i>Escherichia coli</i> Tubes +	MPN/100mL
CV-AV50-2.0	1	5		5	800	5	800
	0.1	5	5000	3		3	
	0.01	2		0		0	
	0.001	0		0		0	

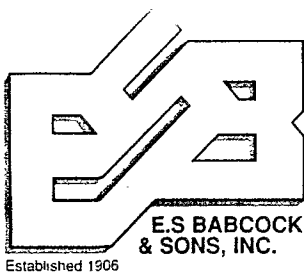
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#288

To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B808  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	12:30
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1605 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

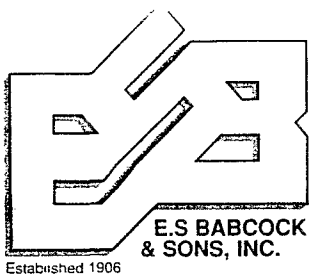
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL COLIFORM		FECAL COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-VSD-2.0	1	5		5	800	5	800
	0.1	5	7000	3		3	
	0.01	2		0		0	
	0.001	1		0		0	

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04/30/03

#288

To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B809

Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	11:25
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1605 By: TG

Time from Collection to set-up: ≤ 6 hrs.

Holding time (max.6 hrs.) Observed: Yes

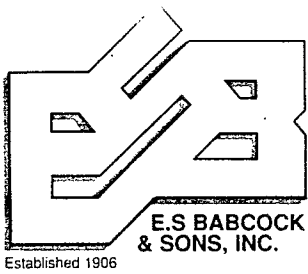
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	<i>Escherichia coli</i> Tubes +	MPN/100mL
CV-AVSO-2.1	1	5	2200	5	230	5	230
	0.1	4		0		0	
	0.01	2		0		0	
	0.001	0		0		0	

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05/01/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B810  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	10:55
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1610 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

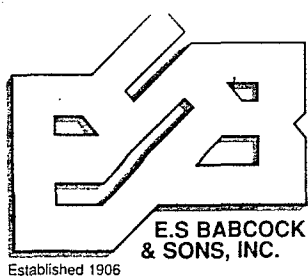
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
CV-AV52-2.4	1	0	<20	0	<20	0	<20
	0.1	0		0		0	
	0.01	0		0		0	
	0.001	0		0		0	

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**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030422-B811  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 16:00 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

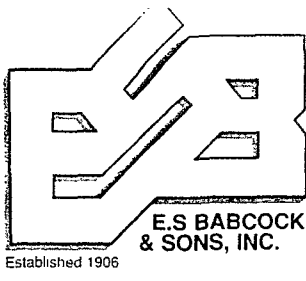
Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV52-2.0 @1055	1	5	800	5	800
	0.1	3		3	
	0.01	0		0	
	0.001	0		0	
CV-AV50-2.0 @1125	1	5	800	5	800
	0.1	3		3	
	0.01	0		0	
	0.001	0		0	

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*[Signature]*  
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 To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030422-B812  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22  
 Time from Collection to se  
 Holding max.6 hrs.) Obser

*Validated  
 Date  
 5/29*

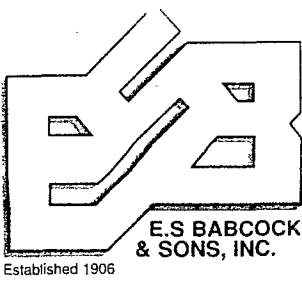
Sample ID	m.l. Planted	1 mL	0 B.	Enterococcus
			TOCOCCUS 100mL	Tubes + MPN/100mL
CV-VSD-2.0 @1230	1	5	800	5 700
	0.1	3		2
	0.01	0		0
	0.001	0		0
CV-AV50-2.1 @1125	1	5	800	5 300
	0.1	3		1
	0.01	0		0
	0.001	0		0

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05/01/03  
**Laboratory Results**

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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260


Lab No. 030422-B813  
 Invoice No. 51301

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 15:42	1055
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 16:15 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

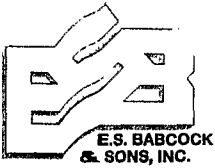
Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV52-2.4	1	0	<20	0	<20
	0.1	0		0	
	0.01	0		0	
	0.001	0		0	

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U30422-13806 TO 013

# Chain of Custody & Sample Information Record

Client: \_\_\_\_\_ Contact: \_\_\_\_\_ Phone No. \_\_\_\_\_

Project Name: CVSWC Pathogen TMDL Turn Around Time: Routine 3-5 Days 48 Hours 24 Hours  
Project Location: Coachella Valley

(Rushes Require Approval, Additional Charges May Apply)

Sampler Information				# of Containers & Preservatives						Analysis Requested						Matrix	Notes	
Name: <u>Ivory Keyburn</u>				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	Total # of Containers	NITRATE - NITROGEN	AMMONIA - NITROGEN	E. COLI	FECAL COLIFORM	ENTEROCOCCI	FECAL STREP	DW = Drinking Water WW = Wastewater GW = Groundwater S = Soil SG = Sludge L = Liquid M = Miscellaneous	
Employer: <u>RWACB-7</u>																		
Signature: <u>Ivory Keyburn</u>																		
ESB #	Sample ID	Date	Time															
	<u>CV-AV52-2.0</u>	<u>4/22/03</u>	<u>10:55</u>	1	1			2		4	1	1	1	1	1		WW	
	<u>CV-AV52-2.4</u>		<u>10:55</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-AV50-2.0</u>		<u>11:25</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-AV50-2.1</u>		<u>11:25</u>	1	1			2		4	1	1	1	1	1			
	<u>CV-VSD-2.0</u>		<u>12:30</u>	1	1			2		4	1	1	1	1	1			

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (Sign)	Print Name / Company
<u>Ivory Keyburn</u>	<u>Ivory Keyburn / RWACB-7</u>	<u>4/22/03 2:40</u>	<u>A. White</u>	<u>Alexander White / RWACB</u>
<u>Alexander White</u>	<u>Alexander White / RWACB-7</u>	<u>4/22/03 3:42</u>	<u>C. Iijima</u>	<u>C. Iijima / ESB</u>

(For Lab Use Only) Sample Integrity Upon Receipt

Sample(s) Submitted on Ice? Yes  No

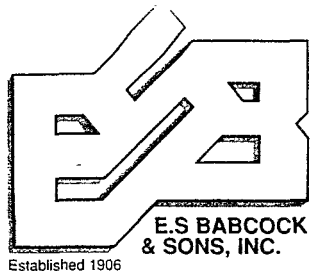
Custody Seal(s) Intact? Yes  No  N/A

Sample(s) Intact? Yes  No

Temperature 3 °C

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Lab No. \_\_\_\_\_  
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#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B775  
 Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	07:15
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1250 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
CV-LIST-2.0	1	5		4	220	4	170
	0.1	5	90000	2		1	
	0.01	5		0		0	
	0.001	3		0		0	

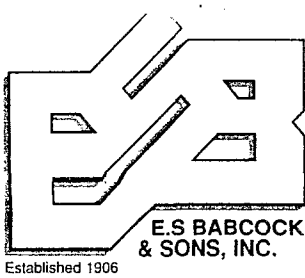
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04/30/03

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B776  
 Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	07:50
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1255 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

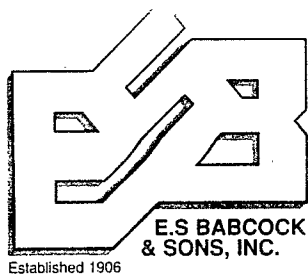
<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
CV-AV66-2.0	1	5		1	40	1	40
	0.1	5	7000	1		1	
	0.01	2		0		0	
	0.001	1		0		0	

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#288

To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B777

Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	08:30
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1300 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

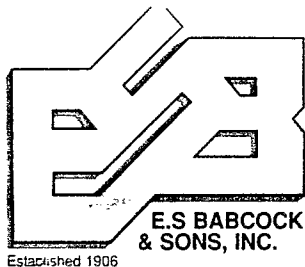
Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
CV-APBL-2.0	1	5		5		5	800
	0.1	5	90000	5	3000	3	
	0.01	5		1		0	
	0.001	3		0		0	

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04/30/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: **Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B778  
 Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	09:10
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1305 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
CV-CVWD-2.0	1	5		2	40	1	20
	0.1	5	3000	0		0	
	0.01	1		0		0	
	0.001	0		0		0	

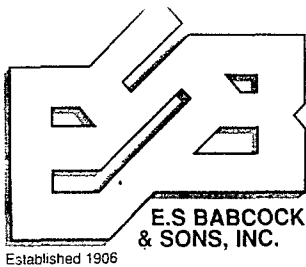
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 e-mail: esbsales@aol.com,  
 www.babcocklabs.com

04/30/03

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030422-B779  
 Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	09:50
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 1310 By: TG  
 Time from Collection to set-up: ≤ 6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

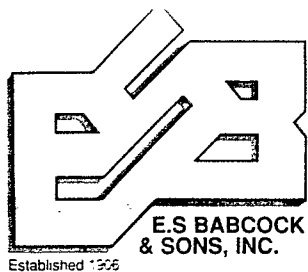
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
CV-CSO-2.0	1	5		4	130	4	130
	0.1	5	7000	0		0	
	0.01	2		0		0	
	0.001	1		0		0	

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04/30/03  
**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030422-B780  
 Invoice No. 51280

	Submitted	Sampled
By:	AM	IR
Employer:	RWQCB #7	RWQCB #7
Date:	04/22/03	04/22/03
Time:	11:20	
Sample Received on Ice: Yes		
Chain of Custody on File: Yes		

Date & Time set-up: 04/22/03 @ 13:15 By: CK  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

<u>Sample ID</u>	<u>mL Planted</u>	<u>Std. Method 9230 B.</u>		<u>Enterococcus</u>	
		<u>FECAL STREPTOCOCCUS</u>	<u>Tubes + MPN/100mL</u>	<u>Tubes +</u>	<u>MPN/100mL</u>
New River (NR)					
CV-LIST-2.0 @0715	1	5		5	500
	0.1	5	50000	2	
	0.01	5		0	
	0.001	2		0	
CV-AV66-2.0 @0750	1	5		5	230
	0.1	5	3000	0	
	0.01	1		0	
	0.001	0		0	

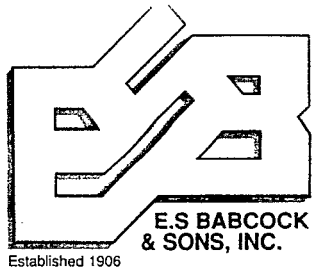
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04/30/03  
**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030422-B781  
 Invoice No. 51280

Submitted	Sampled
By: AM	IR
Employer: RWQCB #7	RWQCB #7
Date: 04/22/03	04/22/03
Time: 11:20	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/22/03 @ 13:15 By: CK  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-APBL-2.0 @0830	1	5		5	1700
	0.1	5	3000	4	
	0.01	5		1	
	0.001	1		0	
CV-CVWB-2.0 @0910	1	5	850	5	500
	0.1	2		1	
	0.01	4		1	
	0.001	2		0	

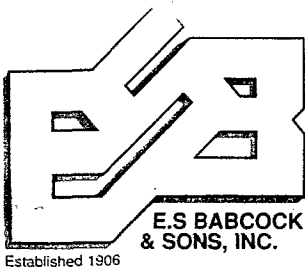
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04/30/03  
**Laboratory Results**

#288  
 To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030422-B782  
 Invoice No. 51280

	Submitted	Sampled
By:	AM	IR
Employer:	RWQCB #7	RWQCB #7
Date:	04/22/03	04/22/03
Time:	11:20	0950
Sample Received on Ice: Yes		
Chain of Custody on File: Yes		

Date & Time set-up: 04/22/03 @ 13:15 By: CK  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
New River (NR)					
CV-CSD-2.0	1	5	1700	5	1100
	0.1	4		3	
	0.01	1		1	
	0.001	1		1	

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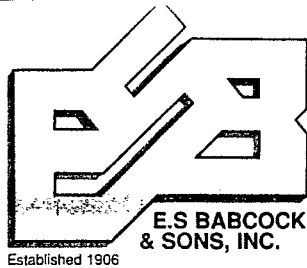
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 1 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
**Work Order Number: A3F0579**

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

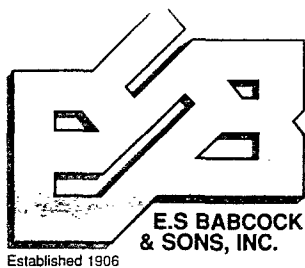
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3F0579-01	CV-AV52-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 10:45	Ivory Rey	06/12/03 13:45	Alexande
A3F0579-02	CV-AV52-2.4 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 10:50	Ivory Rey	06/12/03 13:45	Alexande
A3F0579-03	CV-AV50-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 11:10	Ivory Rey	06/12/03 13:45	Alexande
A3F0579-04	CV-AV50-2.1 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 11:15	Ivory Rey	06/12/03 13:45	Alexande
A3F0579-05	CV-VSD-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 11:45	Ivory Rey	06/12/03 13:45	Alexande



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 e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste.100  
 Palm Desert, CA 92260

Analytical Report: Page 2 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
 Work Order Number: A3F0579

Laboratory Reference Number  
**A3F0579-01**

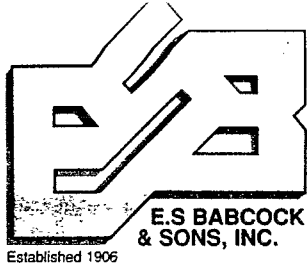
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
AV-AV52-2.0	Liquid	06/12/03 10:45	06/12/03 13:45
Coachella Valley - CVSWC Pathogen TMDL			

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Anions						
Nitrate as N	9.5	0.20 mg/L	EPA 300.0	06/13/03 11:00	KOS	
Nutrients						
Ammonia-Nitrogen	5.1	0.20 mg/L	SM4500NH3H	06/18/03 15:25	slf	

\*Reportable Detection Limit



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e-mail: esbsales@aol.com  
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 3 of 10  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 23-Jun-2003  
Work Order Number: A3F0579

Laboratory Reference Number  
**A3F0579-02**

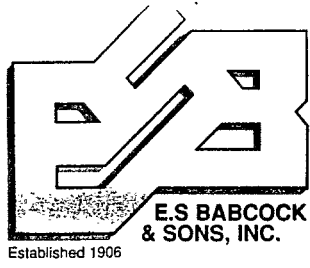
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
V-AV52-2.4 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 10:50	06/12/03 13:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Anions							
Nitrate as N	ND	0.20	mg/L	EPA 300.0	06/13/03 11:07	KOS	
Nutrients							
Ammonia-Nitrogen	ND	0.10	mg/L	SM4500NH3H	06/18/03 15:04	sll	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 4 of 10  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 23-Jun-2003  
Work Order Number: A3F0579

Laboratory Reference Number  
**A3F0579-03**

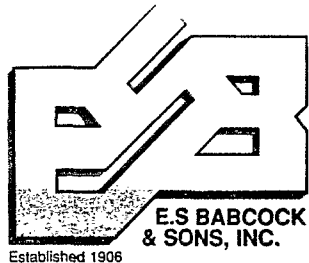
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV50-2.0 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 11:10	06/12/03 13:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Anions						
Nitrate as N	0.56	0.20 mg/L	EPA 300.0	06/13/03 11:55	KOS	
Nutrients						
Ammonia-Nitrogen	11	0.50 mg/L	SM4500NH3H	06/20/03 09:43	sll	

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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 5 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
 Work Order Number: A3F0579

Laboratory Reference Number  
**A3F0579-04**

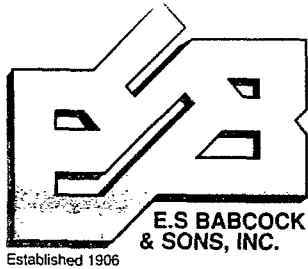
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
CV-AV50-2.1 Coachella Valley - CVSWC Pathogen TMDL	Liquid	06/12/03 11:15	06/12/03 13:45

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Anions						
Nitrate as N	0.56	0.20 mg/L	EPA 300.0	06/13/03 12:02	KOS	
Nutrients						
Ammonia-Nitrogen	8.4	0.20 mg/L	SM4500NH3H	06/18/03 15:27	sll	

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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 6 of 10  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 23-Jun-2003  
**Work Order Number: A3F0579**

Laboratory Reference Number  
**A3F0579-05**

Sample Description

V-VSD-2.0  
Coachella Valley - CVSWC Pathogen TMDL

Matrix  
Liquid

Sampled Date/Time  
06/12/03 11:45

Received Date/Time  
06/12/03 13:45

Analyte(s)	Result	*RDL	Units	Method	Analysis Date	Analyst	Flag
Anions							
Nitrate as N	0.27	0.20	mg/L	EPA 300.0	06/13/03 12:09	KOS	
Nutrients							
Ammonia-Nitrogen	9.9	0.20	mg/L	SM4500NH3H	06/18/03 15:28	sll	

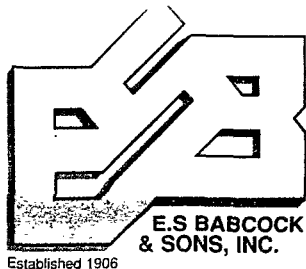
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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
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Analytical Report: Page 7 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
 Work Order Number: A3F0579

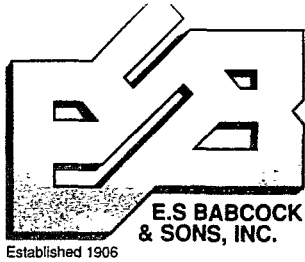
**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD RPD	Limit	Flag
<b>Batch 3F12048 - Analyzed as received</b>										
<b>Blank (3F12048-BLK1)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK2)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK3)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK4)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>Blank (3F12048-BLK5)</b>										
Nitrate as N	ND	0.20	mg/L							
<b>LCS (3F12048-BS1)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS2)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS3)</b>										
Nitrate as N	12.4	0.20	mg/L	11.3	110	90-110				
<b>LCS (3F12048-BS4)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				
<b>LCS (3F12048-BS5)</b>										
Nitrate as N	12.3	0.20	mg/L	11.3	109	90-110				

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Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 8 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
 Work Order Number: A3F0579

**Anions - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F12048 - Analyzed as received</b>										
<b>Matrix Spike (3F12048-MS1)</b>	<b>Source: A3F0564-11 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.35	0.20	mg/L	4.52	0.27	90.3	80-114			
<b>Matrix Spike (3F12048-MS2)</b>	<b>Source: A3F0567-01 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	7.41	0.20	mg/L	4.52	2.9	99.8	80-114			
<b>Matrix Spike (3F12048-MS3)</b>	<b>Source: A3F0573-11 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.28	0.20	mg/L	4.52	ND	94.7	80-114			
<b>Matrix Spike (3F12048-MS4)</b>	<b>Source: A3F0579-02 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.18	0.20	mg/L	4.52	ND	92.5	80-114			
<b>Matrix Spike (3F12048-MS5)</b>	<b>Source: A3F0598-02 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.09	0.20	mg/L	4.52	ND	90.5	80-114			
<b>Matrix Spike Dup (3F12048-MSD1)</b>	<b>Source: A3F0564-11 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.32	0.20	mg/L	4.52	0.27	89.6	80-114	0.692	20	
<b>Matrix Spike Dup (3F12048-MSD2)</b>	<b>Source: A3F0567-01 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	7.52	0.20	mg/L	4.52	2.9	102	80-114	1.47	20	
<b>Matrix Spike Dup (3F12048-MSD3)</b>	<b>Source: A3F0573-11 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.25	0.20	mg/L	4.52	ND	94.0	80-114	0.703	20	
<b>Matrix Spike Dup (3F12048-MSD4)</b>	<b>Source: A3F0579-02 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	4.18	0.20	mg/L	4.52	ND	92.5	80-114	0.00	20	
<b>Matrix Spike Dup (3F12048-MSD5)</b>	<b>Source: A3F0598-02 Prepared: 06/12/03 Analyzed: 06/13/03</b>									
Nitrate as N	1.03	0.20	mg/L	4.52	ND	22.8	80-114	120	20	QFnt, QMout

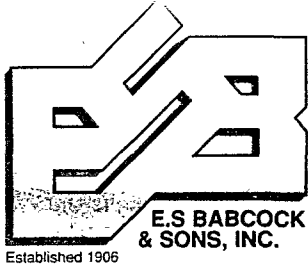
\*Reportable Detection Limit

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 www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
 Contact: Teresa Gonzales  
 Address: 73-720 Fred Waring Dr. Ste. 100  
 Palm Desert, CA 92260

Analytical Report: Page 9 of 10  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 23-Jun-2003  
 Work Order Number: A3F0579

**Nutrients - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F13012 - Analyzed as received</b>										
<b>Blank (3F13012-BLK1)</b>				Prepared: 06/13/03 Analyzed: 06/18/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F13012-BS1)</b>				Prepared: 06/13/03 Analyzed: 06/18/03						
Ammonia-Nitrogen	0.752	0.10	mg/L	0.780		96.4	90-110			
<b>Matrix Spike (3F13012-MS1)</b>				Source: A3F0572-01 Prepared: 06/13/03 Analyzed: 06/18/03						
Ammonia-Nitrogen	1.97	0.10	mg/L	0.780	1.3	85.9	80-120			
<b>Matrix Spike Dup (3F13012-MSD1)</b>				Source: A3F0572-01 Prepared: 06/13/03 Analyzed: 06/18/03						
Ammonia-Nitrogen	1.96	0.10	mg/L	0.780	1.3	84.6	80-120	0.509	20	
<b>Batch 3F18035 - Analyzed as received</b>										
<b>Blank (3F18035-BLK1)</b>				Prepared: 06/18/03 Analyzed: 06/20/03						
Ammonia-Nitrogen	ND	0.10	mg/L							
<b>LCS (3F18035-BS1)</b>				Prepared: 06/18/03 Analyzed: 06/20/03						
Ammonia-Nitrogen	0.749	0.10	mg/L	0.780		96.0	90-110			
<b>Matrix Spike (3F18035-MS1)</b>				Source: A3F0579-03RE Prepared: 06/18/03 Analyzed: 06/20/03						
Ammonia-Nitrogen	14.3	0.50	mg/L	3.90	11	84.6	80-120			
<b>Matrix Spike Dup (3F18035-MSD1)</b>				Source: A3F0579-03RE Prepared: 06/18/03 Analyzed: 06/20/03						
Ammonia-Nitrogen	14.3	0.50	mg/L	3.90	11	84.6	80-120	0.00	20	

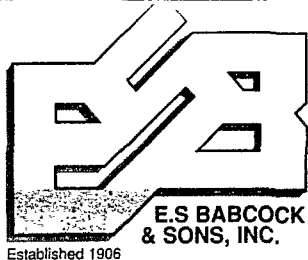
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 10 of 10  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 23-Jun-2003  
Work Order Number: A3F0579

### Notes and Definitions

QFnt The referenced sample did not require this QC analyte, so a follow-up is not needed.

QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit (RDL)

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

### Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock  
President

Allison Mackenzie  
Lab Manager

Lawrence J. Chrystal  
Lab Director

cc:

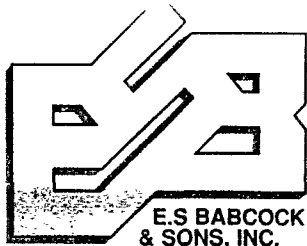
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#288

To: Regional Water Quality Control Board #7

Attn: Jeff Allred

73-720 Fred Waring Drive, Ste 100  
Palm Desert, CA 92260

Lab No. 030612-B473

Invoice No. 52570

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	10:45
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1525 By: ML  
Time from Collection to set-up: ≤ 6hrs.  
Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	Escherichia coli	
						Tubes +	MPN/100mL
Coachella Valley							
CV-AV52- 2.0 (15)	1	5		5	230	5	230
	0.1	5	17000	0		0	
	0.01	4		0		0	
	0.001	1		0		0	

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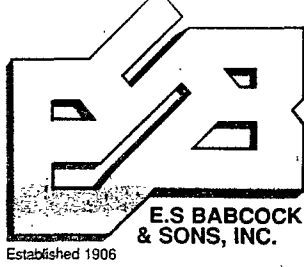
  
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06/18/03

#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B474  
 Invoice No. 52570

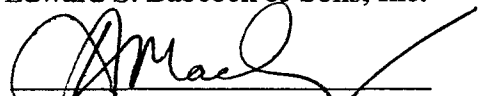
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	10:50
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1525 By: ML  
 Time from Collection to set-up: ≤ 6hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID	mL Planted	TOTAL Tubes +	COLIFORM MPN/100mL	FECAL Tubes +	COLIFORM MPN/100mL	<i>Escherichia coli</i>	
						Tubes +	MPN/100mL
Coachella Valley							
CV-AV52- 2.4 (19)	1	0	<20				
	0.1	0					
	0.01	0					
	0.001	0					

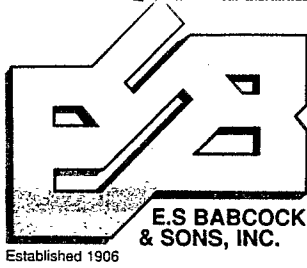
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 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
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 Palm Desert, CA 92260

Lab No. 030612-B475  
 Invoice No. 52570

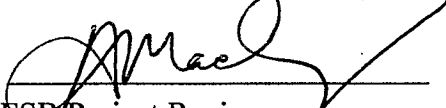
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	11:10
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1530 By: ML  
 Time from Collection to set-up: ≤ 6hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

Sample ID Coachella Valley	mL Planted	TOTAL COLIFORM		FECAL COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV50- 2.0 (7)	1	5		3	110	3	110
	0.1	5	5000	1		1	
	0.01	2		0		0	
	0.001	0		0		0	

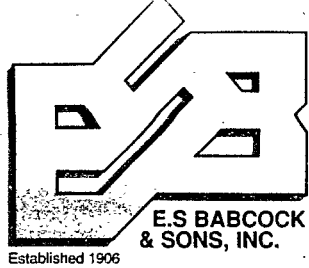
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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B476  
 Invoice No. 52570

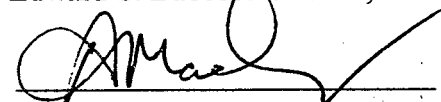
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	11:15
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1535 By: ML  
 Time from Collection to set-up: ≤ 6hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique**  
 Standard Methods 9221

Sample ID Coachella Valley	mL Planted	TOTAL COLIFORM		FECAL COLIFORM		<i>Escherichia coli</i>	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-AV50- 2.1 (11)	1	5		3	110	3	80
	0.1	5	13000	1		0	
	0.01	4		0		0	
	0.001	0		0		0	

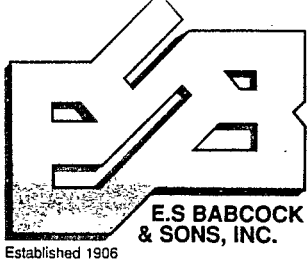
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#288  
 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
 73-720 Fred Waring Drive, Ste 100  
 Palm Desert, CA 92260

Lab No. 030612-B477  
 Invoice No. 52570

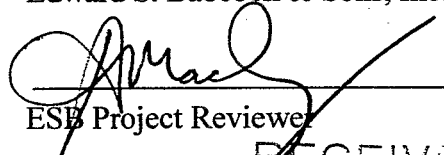
Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	11:45
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 1540 By: ML  
 Time from Collection to set-up: ≤ 6hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli Tubes +</u>	<u>MPN/100mL</u>
Coachella Valley							
CV-VSD- 2.0	1	5		5		5	500
(3)	0.1	5	8000	5	3000	1	
	0.01	3		1		1	
	0.001	0		0		0	

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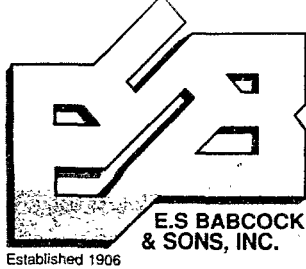
  
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To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
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 Palm Desert, CA 92260

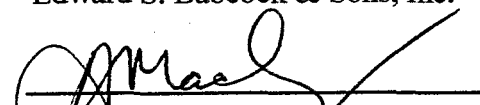
Lab No. 030612-B478  
 Invoice No. 52570

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 15:45 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Coachella Valley					
CV-AV52-2.0 (8) @1045	1	5	300	4	170
	0.1	1		1	
	0.01	0		0	
	0.001	0		0	
CV-AV52-2.4 (20) @1050	1	0	<20	0	<20
	0.1	0		0	
	0.01	0		0	
	0.001	0		0	

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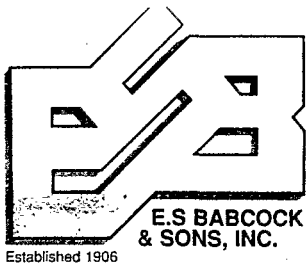
  
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 To: Regional Water Quality Control Board #7  
 Attn: Jeff Allred  
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Lab No. 030612-B479  
 Invoice No. 52570

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 15:50 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

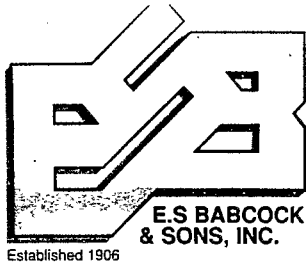
Sample ID	mL Planted	Std. Method 9230 B.		Enterococcus	
		FECAL STREPTOCOCCUS Tubes + MPN/100mL		Tubes + MPN/100mL	
Coachella Valley					
CV-AV50-2.0 (16) @1110	1	5		5	800
	0.1	5	2300	3	
	0.01	0		0	
	0.001	0		0	
CV-AV50-2.1 (12)	1	5		4	220
	0.1	5	2300	2	
	0.01	0		0	
	0.001	0		0	

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*[Signature]*  
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06/18/03  
**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
**Attn: Jeff Allred**  
 73-720 Fred Waring Drive, Ste. 100  
 Palm Desert, CA 92260

Lab No. 030612-B480  
 Invoice No. 52570

Submitted	Sampled
By: AW	IR
Employer: RWQCB #7	RWQCB #7
Date: 06/12/03	06/12/03
Time: 13:45	1145
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 06/12/03 @ 15:55 By: ML  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

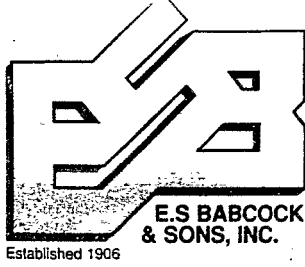
Sample ID Coachella Valley	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
CV-VSD-2.0 (4)	1	5		5	1300
	0.1	5	2300	4	
	0.01	0		0	
	0.001	0		0	

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*[Signature]*  
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 1 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

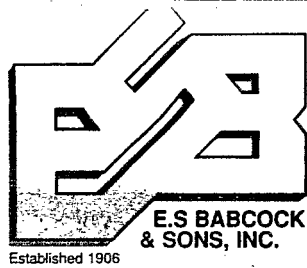
Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

Lab Sample #	Client Sample ID	Matrix	Date Sampled	By	Date Received	By
A3F0067-01	(1) AR-B-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 08:42	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-02	(2) AR-D10-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 09:30	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-03	(3) AR-D8-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 10:05	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-04	(4) AR-D8-2.1 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 10:05	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-05	(5) AR-D6A-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 11:05	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-06	(6) AR-D6A-2.4 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 11:05	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-07	(7) AR-D6-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 11:40	Jeff Allre	06/03/03 13:00	Jason V.

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P.O. Box 432 Riverside, CA 92502-0432  
PH (909) 653-3351 FAX (909) 653-1662  
e-mail: esbsales@aol.com  
www.babcocklabs.com

Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 2 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department at the phone number above.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Received</u>	<u>By</u>
A3F0067-08	(8) AR-D3-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 13:05	Jeff Allre	06/03/03 13:00	Jason V.
A3F0067-09	(9) AR-GRB-2.0 Surface Water Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 13:55	Jeff Allre	06/03/03 13:00	Jason V.

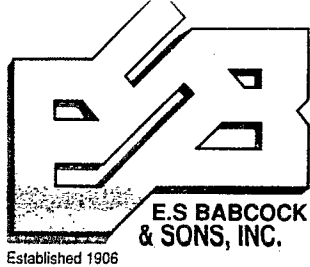
\*Reportable Detection Limit

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Analytical Report: Page 3 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-01**

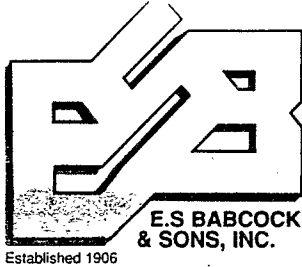
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(1) AR-B-2.0 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 08:42	06/03/03 13:00

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	20	5 mg/L	SM 2540D	06/04/03 15:48	aeH	
General Physical						
Turbidity	14	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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Analytical Report: Page 4 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

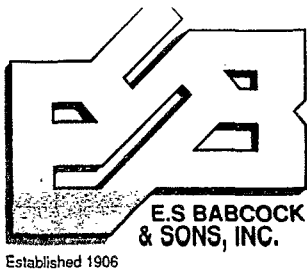
Laboratory Reference Number  
**A3F0067-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(2) AR-D10-2.0 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 09:30	06/03/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Solids</b>						
Total Suspended Solids	340	10 mg/L	SM 2540D	06/04/03 15:48	aeh	
<b>General Physical</b>						
Turbidity	180	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit





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Analytical Report: Page 5 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(3) AR-D8-2.0	Liquid	06/02/03 10:05	06/03/03 13:00
Alamo River Silt TMDL Implementation Imp. Valley			

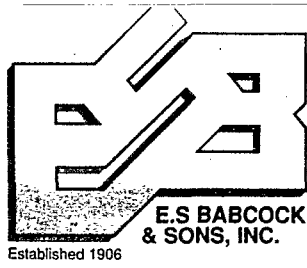
Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	370	20 mg/L	SM 2540D	06/04/03 15:48	aeh	
General Physical						
Turbidity	190	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit

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Analytical Report: Page 6 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(4) AR-D8-2.1 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 10:05	06/03/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	350	20 mg/L	SM 2540D	06/04/03 15:48	aeh	
General Physical						
Turbidity	200	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

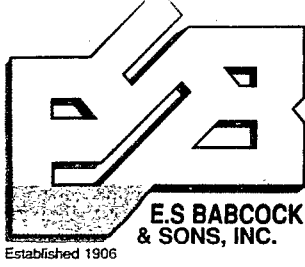
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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
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Palm Desert, CA 92260

Analytical Report: Page 7 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-05**

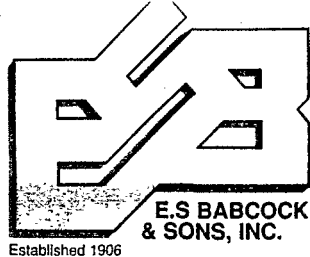
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(5) AR-D6A-2.0 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 11:05	06/03/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Solids</b>						
Total Suspended Solids	380	20 mg/L	SM 2540D	06/04/03 15:48	aeH	
<b>General Physical</b>						
Turbidity	230	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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Analytical Report: Page 8 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-06**

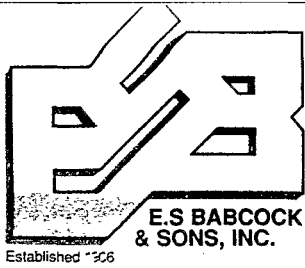
<u>Sample Description</u> (6) AR-D6A-2.4 Alamo River Silt TMDL Implementation Imp. Valley	<u>Matrix</u> Liquid	<u>Sampled Date/Time</u> 06/02/03 11:05	<u>Received Date/Time</u> 06/03/03 13:00
---	-------------------------	--	---

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	ND	5 mg/L	SM 2540D	06/04/03 15:48	aeh	
General Physical						
Turbidity	0.23	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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Analytical Report: Page 9 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-07**

Sample Description

(7) AR-D6-2.0  
 Alamo River Silt TMDL Implementation Imp. Valley

Matrix  
 Liquid

Sampled Date/Time  
 06/02/03 11:40

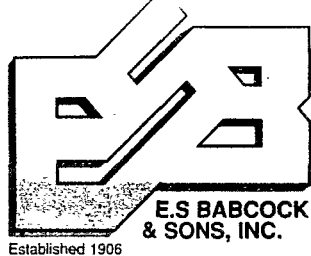
Received Date/Time  
 06/03/03 13:00

Analyte(s)	Result	*RDL Units	Method	Analysis Date	Analyst	Flag
Solids						
Total Suspended Solids	370	20 mg/L	SM 2540D	06/04/03 15:48	aeh	
General Physical						
Turbidity	240	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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Client Name: Regional Water Quality C B #7  
Contact: Teresa Gonzales  
Address: 73-720 Fred Waring Dr. Ste. 100  
Palm Desert, CA 92260

Analytical Report: Page 10 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-08**

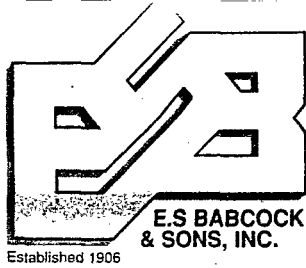
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(8) AR-D3-2.0 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 13:05	06/03/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	350	20 mg/L	SM 2540D	06/04/03 15:48	aeH	
General Physical						
Turbidity	210	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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Analytical Report: Page 11 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

Laboratory Reference Number  
**A3F0067-09**

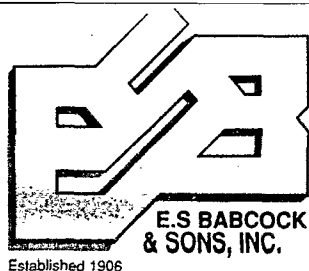
<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
(9) AR-GRB-2.0 Alamo River Silt TMDL Implementation Imp. Valley	Liquid	06/02/03 13:55	06/03/03 13:00

<u>Analyte(s)</u>	<u>Result</u>	<u>*RDL Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Solids						
Total Suspended Solids	350	20 mg/L	SM 2540D	06/04/03 15:48	aeh	
General Physical						
Turbidity	230	0.20 NTU	SM 2130 B	06/03/03 21:09	era	

\*Reportable Detection Limit



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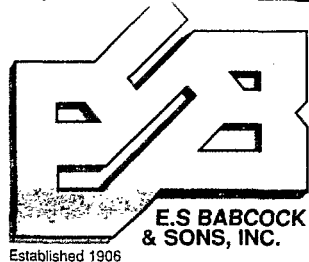
Analytical Report: Page 12 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

**Solids - Batch Quality Control**

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Flag
<b>Batch 3F04009 - Analyzed as received</b>										
<b>Blank (3F04009-BLK1)</b>										
Total Suspended Solids	ND		5 mg/L							
<b>Blank (3F04009-BLK2)</b>										
Total Suspended Solids	ND		5 mg/L							
<b>LCS (3F04009-BS1)</b>										
Total Suspended Solids	450		10 mg/L	500		90.0	90-110			
<b>LCS (3F04009-BS2)</b>										
Total Suspended Solids	455		10 mg/L	500		91.0	90-110			
<b>Duplicate (3F04009-DUP1)</b>										
Total Suspended Solids	372		20 mg/L		300			21.4	25	
<b>Duplicate (3F04009-DUP2)</b>										
Total Suspended Solids	279		10 mg/L		340			19.7	25	
<b>Duplicate (3F04009-DUP3)</b>										
Total Suspended Solids	448		20 mg/L		530			16.8	25	
<b>Duplicate (3F04009-DUP4)</b>										
Total Suspended Solids	477		10 mg/L		490			2.69	25	

\*Reportable Detection Limit





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Analytical Report: Page 13 of 14  
 Project Name: IFB Number 79170-86 (10/1  
 Project Number: 02-114-170-0  
 Report Date: 05-Jun-2003  
 Work Order Number: A3F0067

**General Physical - Batch Quality Control**

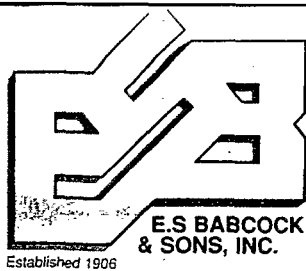
Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 3F03047 - Analyzed as received</b>										
<b>Blank (3F03047-BLK1)</b>				Prepared & Analyzed: 06/03/03						
Turbidity	ND		0.20 NTU							
<b>LCS (3F03047-BS1)</b>				Prepared & Analyzed: 06/03/03						
Turbidity	0.893		0.20 NTU	0.850		105	90-110			
<b>Duplicate (3F03047-DUP1)</b>				Source: A3F0048-02 Prepared & Analyzed: 06/03/03						
Turbidity	4.04		0.20 NTU		4.0			0.995	20	
<b>Duplicate (3F03047-DUP2)</b>				Source: A3F0067-07 Prepared & Analyzed: 06/03/03						
Turbidity	237		0.20 NTU		240			1.26	20	

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Analytical Report: Page 14 of 14  
Project Name: IFB Number 79170-86 (10/1  
Project Number: 02-114-170-0  
Report Date: 05-Jun-2003  
Work Order Number: A3F0067

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit (RDL)  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

### Approval

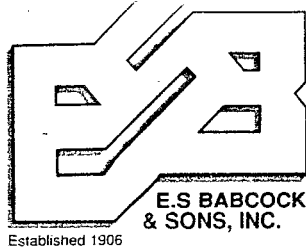
Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

James K. Babcock President  
 Allison Mackenzie Lab Manager  
 Lawrence J. Chrystal Lab Director

cc:



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7-11

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04/15/03

207

#243  
 To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B371  
 Invoice No. 50989

Submitted	Sampled
By: Client	MPCO/JG
Employer: RWQCB#7	RWQCB#7
Date: 04/09/03	04/09/03
Time: 15:07	10:10
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1610 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

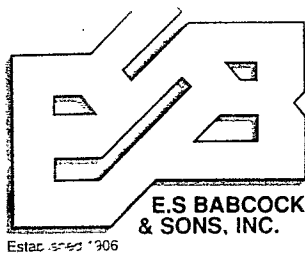
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli</u>	
						<u>Tubes +</u>	<u>MPN/100mL</u>
Surface Water							
NRBDRY @1010	1	5		5		5	
	0.1	5	≥16000	5	≥16000	5	≥16000
	0.01	5		5		5	
	0.001	5		5		5	

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04/15/03

#288

To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B372  
 Invoice No. 50989

Submitted	Sampled
By: Client	MPOC/JG
Employer: RWQCB#7	RWQCB#7
Date: 04/09/03	04/09/03
Time: 15:07	10:46
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1615 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

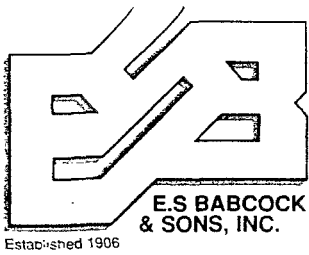
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL COLIFORM</u>		<u>FECAL COLIFORM</u>		<u>Escherichia coli</u>	
		<u>Tubes +</u>	<u>MPN/100mL</u>	<u>Tubes +</u>	<u>MPN/100mL</u>	<u>Tubes +</u>	<u>MPN/100mL</u>
Surface Water							
ARINTL	1	5		5	230	5	230
	0.1	5	5000	0		0	
	0.01	2		0		0	
	0.001	0		0		0	

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APR 18 2003





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 P.O. Box 432 Riverside, CA 92502-0432  
 PH (909) 653-3351 FAX (909) 653-1662  
 e-mail: esbsales@aol.com  
 www.babcocklabs.com

04/15/03

#288

To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B373  
 Invoice No. 50989

Submitted	Sampled
By: Client	MPCO/JG
Employer: RWQCB#7	RWQCB#7
Date: 04/09/03	04/09/03
Time: 15:07	12:07
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1620 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

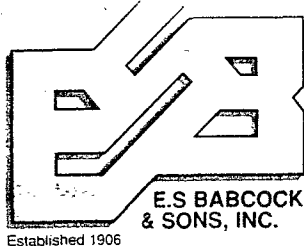
**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

<u>Sample ID</u>	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli</u>	
Surface Water						<u>Tubes +</u>	<u>MPN/100mL</u>
ARGRB1	1	5		5	500	5	500
	0.1	5	24000	2		2	
	0.01	5		0		0	
	0.001	0		0		0	

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04/15/03

#288  
 To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B374  
 Invoice No. 50989

Submitted	Sampled
By: Client	MPOC/JG
Employer: RWQCB#7	RWQCB#7
Date: 04/09/03	04/09/03
Time: 15:07	*12:35
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1620 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding time (max.6 hrs.) Observed: Yes

**Multiple Tube Fermentation Technique  
 Standard Methods 9221**

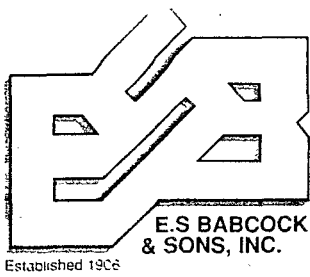
<u>Sample ID</u> Surface Water	<u>mL Planted</u>	<u>TOTAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>FECAL Tubes +</u>	<u>COLIFORM MPN/100mL</u>	<u>Escherichia coli</u>	
						<u>Tubes +</u>	<u>MPN/100mL</u>
NROTWM	1	5		5		5	
	0.1	5	160000	5	24000	5	24000
	0.01	5		5		5	
	0.001	4		0		0	

\*Time on bottle marked as 1236.

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FEB 18 2003  
 11:20 AM '03



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04/15/03

**Laboratory Results**

#288

To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B375  
 Invoice No. 50989

Submitted	Sampled
By: Client	MPCO/JG
Employer: RWQB #7	RWQB #7
Date: 04/09/03	04/09/03
Time: 15:07	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1540 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

Sample ID	mL Planted	Std. Method 9230 B. FECAL STREPTOCOCCUS		Enterococcus	
		Tubes +	MPN/100mL	Tubes +	MPN/100mL
Surface Water					
NRBDRY @1010	1	5	≥16000	5	≥16000
	0.1	5		5	
	0.01	5		5	
ARINTL @1046	1	5	1300	5	1300
	0.1	4		4	
	0.01	0		0	

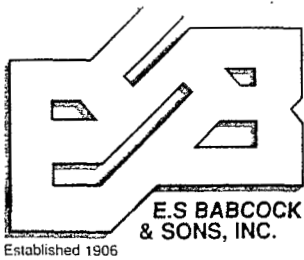
Edward S. Babcock & Sons, Inc.

  
 ESE Project Reviewer



APR 18 2003

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04/15/03  
**Laboratory Results**

#288  
 To: Regional Water Quality Control Board #7  
 73-720 Fred Waring Drive  
 Palm Desert, CA 92260  
 Attn: Jeff Allred

Lab No. 030409-B376  
 Invoice No 50989

Submitted	Sampled
By: Client	MPCO/JG
Employer: RWQB #7	RWQB #7
Date: 04/09/03	04/09/03
Time: 15:07	
Sample Received on Ice: Yes	
Chain of Custody on File: Yes	

Date & Time set-up: 04/09/03 @ 1645 By: TG  
 Time from Collection to set-up: ≤6 hrs.  
 Holding max.6 hrs.) Observed: Yes

<u>Sample ID</u>	<u>mL Planted</u>	<u>Std. Method 9230 B.</u>		<u>Enterococcus</u>	
		<u>Tubes +</u>	<u>MPN/100mL</u>	<u>Tubes +</u>	<u>MPN/100mL</u>
Surface Water					
ARGRB1	1	5	5000	5	5000
@1207	0.1	5		5	
	0.01	2		2	
NROTWN	1	5	2400	5	2400
@1235	0.1	5		5	
	0.01	0		0	

Edward S. Babcock & Sons, Inc.

*[Signature]*  
 \_\_\_\_\_  
 ESB Project Reviewer



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