United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street Building 201
Richmond, CA 94804

Subject: **Analytical Testing Results - Project R07S70**
SDG: 07191C

From: **Brenda Bettencourt, Director**
EPA Region 9 Laboratory
MTS-2

To: **Chris Lichens**
Site Cleanup Section 4
SFD-7-4

Attached are the results from the analysis of samples from the **Omega Chemical OU2 July 2007 Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this

Alkalinity	Anions
Carbon, Total Organic by 415.3	Nitrogen, Ammonia
Nitrogen, Total Kjeldahl	Perchlorate
Phosphorus, Total	

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Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager:	Chris Lichens	**Site Cleanup Section 4**		**SDG:**	07191C
Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC2-MW24D-W-0-577	0707009-01	Water	07/09/07 09:08	07/10/07 10:00
OC2-MW24C-W-0-578	0707009-02	Water	07/09/07 09:55	07/10/07 10:00
OC2-MW24B-W-0-579	0707009-03	Water	07/09/07 11:00	07/10/07 10:00
OC2-MW24A-W-0-580	0707009-04	Water	07/09/07 11:40	07/10/07 10:00
OC2-MW24A-W-1-581	0707009-05	Water	07/09/07 11:50	07/10/07 10:00
OC2-MW25D-W-0-582	0707010-01	Water	07/10/07 08:10	07/11/07 09:45
OC2-MW25C-W-0-583	0707010-02	Water	07/10/07 09:10	07/11/07 09:45
OC2-MW25B-W-0-584	0707010-03	Water	07/10/07 10:00	07/11/07 09:45
OC2-MW25A-W-0-585	0707010-04	Water	07/10/07 11:00	07/11/07 09:45

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Project Manager:	Chris Lichens	**Site Cleanup Section 4**		**SDG:**	07191C
Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0707009-01								Water - Sampled: 07/09/07 09:08
Sample ID: OC2-MW24D-W-0-577								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**220**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**220**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.49**		**0.10**	"	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Chloride	**96**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Nitrite as N	**0.12**		**0.10**	"	"	"	07/10/07	300.0/SOP 530
Bromide	**0.35**		**0.10**	"	"	"	"	300.0/SOP 530
Nitrate as N	**2.2**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**300**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Total Organic Carbon	**0.48**	**C1, J**	**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**J, Q4, U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**1.2**	**C1, J**	**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707009-02								Water - Sampled: 07/09/07 09:55
Sample ID: OC2-MW24C-W-0-578								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**260**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**260**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.62**		**0.10**	"	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Chloride	**110**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**0.50**	"	"	"	"	300.0/SOP 530
Bromide	**0.36**		**0.10**	"	"	"	07/10/07	300.0/SOP 530
Nitrate as N	**7.8**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**340**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Total Organic Carbon	**0.36**	**C1, J**	**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**3.1**		**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707009-03								Water - Sampled: 07/09/07 11:00
Sample ID: OC2-MW24B-W-0-579								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**250**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**250**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.50**		**0.10**	"	B7G0038	07/10/07	07/10/07	300.0/SOP 530

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Project Manager:	Chris Lichens	**Site Cleanup Section 4**		**SDG:**	07191C
Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0707009-03								Water - Sampled: 07/09/07 11:00
Sample ID: OC2-MW24B-W-0-579								Conventional Chemistry Parameters by APHA/EPA Methods
Chloride	**130**		**10**	mg/L	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**1.0**	"	"	"	"	300.0/SOP 530
Bromide	**0.54**		**0.10**	"	"	"	07/10/07	300.0/SOP 530
Nitrate as N	**3.5**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**420**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Total Organic Carbon	**0.53**		**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**1.7**	**C1, J**	**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**0.16**	**C1, J**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707009-04								Water - Sampled: 07/09/07 11:40
Sample ID: OC2-MW24A-W-0-580								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**450**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**450**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.27**		**0.10**	"	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Chloride	**81**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**0.50**	"	"	"	"	300.0/SOP 530
Bromide	**0.47**		**0.10**	"	"	"	07/10/07	300.0/SOP 530
Nitrate as N	**7.9**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**330**		**5.0**	"	"	"	07/10/07	300.0/SOP 530
Total Organic Carbon	**0.54**		**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**2.4**		**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707009-05								Water - Sampled: 07/09/07 11:50
Sample ID: OC2-MW24A-W-1-581								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**440**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**440**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.26**		**0.10**	"	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Chloride	**79**		**10**	"	"	"	07/10/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**1.0**	"	"	"	"	300.0/SOP 530
Bromide	**0.51**		**0.10**	"	"	"	07/10/07	300.0/SOP 530
Nitrate as N	**7.8**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530

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Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0707009-05								Water - Sampled: 07/09/07 11:50
Sample ID: OC2-MW24A-W-1-581								Conventional Chemistry Parameters by APHA/EPA Methods
Sulfate	**330**		**5.0**	mg/L	B7G0038	07/10/07	07/10/07	300.0/SOP 530
Total Organic Carbon	**0.81**		**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**2.6**		**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707010-01								Water - Sampled: 07/10/07 08:10
Sample ID: OC2-MW25D-W-0-582								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**140**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**140**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.42**		**0.10**	"	B7G0051	07/11/07	07/11/07	300.0/SOP 530
Chloride	**27**		**1.0**	"	"	"	"	300.0/SOP 530
Nitrite as N	**ND**	**U**	**0.10**	"	"	"	"	300.0/SOP 530
Bromide	**0.12**		**0.10**	"	"	"	"	300.0/SOP 530
Nitrate as N	**1.0**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**59**		**1.0**	"	"	"	07/11/07	300.0/SOP 530
Total Organic Carbon	**ND**	**U**	**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**ND**	**U**	**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707010-02								Water - Sampled: 07/10/07 09:10
Sample ID: OC2-MW25C-W-0-583								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**140**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**140**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.55**		**0.10**	"	B7G0051	07/11/07	07/11/07	300.0/SOP 530
Chloride	**26**		**1.0**	"	"	"	"	300.0/SOP 530
Nitrite as N	**ND**	**U**	**0.10**	"	"	"	"	300.0/SOP 530
Bromide	**0.10**		**0.10**	"	"	"	"	300.0/SOP 530
Nitrate as N	**2.0**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**72**		**2.5**	"	"	"	07/11/07	300.0/SOP 530
Total Organic Carbon	**0.28**	**C1, J**	**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**ND**	**U**	**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531

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Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0707010-02								Water - Sampled: 07/10/07 09:10
Sample ID: OC2-MW25C-W-0-583								Conventional Chemistry Parameters by APHA/EPA Methods
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707010-03								Water - Sampled: 07/10/07 10:00
Sample ID: OC2-MW25B-W-0-584								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**380**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**380**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.25**		**0.10**	"	B7G0051	07/11/07	07/11/07	300.0/SOP 530
Chloride	**97**		**5.0**	"	"	"	07/11/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**0.50**	"	"	"	"	300.0/SOP 530
Bromide	**0.73**		**0.10**	"	"	"	07/11/07	300.0/SOP 530
Nitrate as N	**14**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**360**		**5.0**	"	"	"	07/11/07	300.0/SOP 530
Total Organic Carbon	**0.96**		**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**3.8**		**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**0.17**	**C1, J**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596
Lab ID: 0707010-04								Water - Sampled: 07/10/07 11:00
Sample ID: OC2-MW25A-W-0-585								Conventional Chemistry Parameters by APHA/EPA Methods
Hydroxide Alkalinity	**ND**	**U**	**10**	mg/L	B7G0096	07/20/07	07/20/07	SM2320/SOP560
Carbonate Alkalinity	**ND**	**U**	**10**	"	"	"	"	SM2320/SOP560
Bicarbonate Alkalinity	**430**		**10**	"	"	"	"	SM2320/SOP560
Total Alkalinity	**430**		**10**	"	"	"	"	SM2320/SOP560
Fluoride	**0.25**		**0.10**	"	B7G0051	07/11/07	07/11/07	300.0/SOP 530
Chloride	**100**		**10**	"	"	"	07/11/07	300.0/SOP 530
Nitrite as N	**ND**	**Q9, U**	**1.0**	"	"	"	"	300.0/SOP 530
Bromide	**0.59**		**0.10**	"	"	"	07/11/07	300.0/SOP 530
Nitrate as N	**15**		**0.10**	"	"	"	"	300.0/SOP 530
o-Phosphate, as P	**ND**	**U**	**1.0**	"	"	"	"	300.0/SOP 530
Sulfate	**310**		**5.0**	"	"	"	07/11/07	300.0/SOP 530
Total Organic Carbon	**0.80**		**0.50**	"	B7G0089	07/18/07	07/18/07	415.3/SOP 553
Ammonia as N	**ND**	**U**	**0.30**	"	B7G0115	07/26/07	07/26/07	351.2/SOP590
Nitrogen, Total Kjeldahl	**ND**	**U**	**0.30**	"	B7G0101	07/24/07	07/25/07	351.2/SOP592
Perchlorate	**4.4**		**2.0**	ug/L	B7G0106	07/24/07	07/24/07	314.0/SOP531
Phosphorus, Total	**ND**	**U**	**0.30**	mg/L	B7G0102	07/24/07	07/25/07	365.4/SOP596

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Project Manager:	Chris Lichens	**Site Cleanup Section 4**		**SDG:**	07191C
Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
										Prepared & Analyzed: 07/10/07
Batch B7G0038 - - General Inorganic - Anions										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B7G0038-BLK1)										
Fluoride	ND	U	0.10	mg/L						
Chloride	ND	U	1.0	"						
Nitrite as N	ND	U	0.10	"						
Bromide	ND	U	0.10	"						
Nitrate as N	ND	U	0.10	"						
o-Phosphate, as P	ND	U	1.0	"						
Sulfate	ND	U	0.50	"						
LCS (B7G0038-BS1)										
Fluoride	4.87			mg/L	5.00		97	90-110		
Chloride	9.60			"	10.0		96	90-110		
Nitrite as N	4.84			"	4.98		97	90-110		
Bromide	4.94			"	5.00		99	90-110		
Nitrate as N	4.95			"	5.05		98	90-110		
o-Phosphate, as P	9.80			"	10.0		98	90-110		
Sulfate	9.82			"	9.96		99	90-110		
Duplicate (B7G0038-DUP1)		**Source: 0707009-01**								
Chloride	98.9		5.0	mg/L		96.3			3	20
Sulfate	300		5.0	"		303			1	20
Matrix Spike (B7G0038-MS1)		**Source: 0707009-01**								
Fluoride	6.07		0.11	mg/L	5.49	0.489	102	80-120		
Nitrite as N	5.26		0.11	"	5.47	0.121	94	80-120		
Bromide	5.96		0.11	"	5.49	0.348	102	80-120		
Nitrate as N	8.04		0.11	"	5.55	2.23	105	80-120		
o-Phosphate, as P	10.9		1.1	"	11.0	ND	99	80-120		
Matrix Spike Dup (B7G0038-MSD1)		**Source: 0707009-01**								
Fluoride	6.09		0.11	mg/L	5.49	0.489	102	80-120	0.3	20
Nitrite as N	5.22		0.11	"	5.47	0.121	93	80-120	0.8	20
Bromide	5.93		0.11	"	5.49	0.348	102	80-120	0.5	20
Nitrate as N	8.03		0.11	"	5.55	2.23	105	80-120	0.1	20
o-Phosphate, as P	11.1		1.1	"	11.0	ND	101	80-120	2	20
										Prepared & Analyzed: 07/11/07
Batch B7G0051 - - General Inorganic - Anions										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B7G0051-BLK1)										
Fluoride	ND	U	0.10	mg/L						
Chloride	ND	U	1.0	"						
Nitrite as N	ND	U	0.10	"						
Bromide	ND	U	0.10	"						
Nitrate as N	ND	U	0.10	"						
o-Phosphate, as P	ND	U	1.0	"						
Sulfate	ND	U	0.50	"						
LCS (B7G0051-BS1)										
Fluoride	4.99			mg/L	5.00		100	90-110		

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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
										Prepared & Analyzed: 07/11/07
Batch B7G0051 - - General Inorganic - Anions										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
LCS (B7G0051-BS1)										
Chloride	9.85			"	10.0		98	90-110		
Nitrite as N	4.98			"	4.98		100	90-110		
Bromide	5.02			"	5.00		100	90-110		
Nitrate as N	5.07			"	5.05		100	90-110		
o-Phosphate, as P	10.1			"	10.0		101	90-110		
Sulfate	10.1			"	9.96		101	90-110		
										Prepared & Analyzed: 07/18/07
Batch B7G0089 - - General Inorganic - Carbon, Total Organic by 415.3										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B7G0089-BLK1)										
Total Organic Carbon	ND	U	0.50	mg/L						
LCS (B7G0089-BS1)										
Total Organic Carbon	2.53		0.50	mg/L	2.49		102	80-120		
Matrix Spike (B7G0089-MS1)		**Source: 0707010-04**								
Total Organic Carbon	3.58		0.50	mg/L	2.86	0.797	97	70-130		
Matrix Spike Dup (B7G0089-MSD1)		**Source: 0707010-04**								
Total Organic Carbon	3.62		0.50	mg/L	2.86	0.797	99	70-130	1	20
										Prepared & Analyzed: 07/20/07
Batch B7G0096 - - General Inorganic - Alkalinity										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B7G0096-BLK1)										
Hydroxide Alkalinity	ND	U	10	mg/L						
Carbonate Alkalinity	ND	U	10	"						
Bicarbonate Alkalinity	ND	U	10	"						
Total Alkalinity	ND	U	10	"						
LCS (B7G0096-BS1)										
Total Alkalinity	101			mg/L	100		101	85-115		
LCS (B7G0096-BS2)										
Total Alkalinity	9.95			mg/L	10.0		100	85-115		
Duplicate (B7G0096-DUP1)		**Source: 0707009-01**								
Hydroxide Alkalinity	ND	U	10	mg/L		ND				20
Carbonate Alkalinity	ND	U	10	"		ND				20
Bicarbonate Alkalinity	223		10	"		222			0.4	20
Total Alkalinity	223		10	"		222			0.4	20
										Prepared: 07/24/07 Analyzed: 07/25/07
Batch B7G0101 - 351.2/365.4 TKN/T-P - Nitrogen, Total Kjeldahl										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B7G0101-BLK1)										
Nitrogen, Total Kjeldahl	ND	U	0.30	mg/L						
LCS (B7G0101-BS1)										
Nitrogen, Total Kjeldahl	2.00		0.30	mg/L	2.00		100	90-110		
Matrix Spike (B7G0101-MS1)		**Source: 0707009-01**								

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Project Number:	R07S70	**75 Hawthorne Street**		**Reported:**	08/30/07 10:26
Project:	Omega Chemical OU2 July 2007 Sampling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
								Prepared: 07/24/07 Analyzed: 07/25/07		
Batch B7G0101 - 351.2/365.4 TKN/T-P - Nitrogen, Total Kjeldahl								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Matrix Spike (B7G0101-MS1)		**Source: 0707009-01**								
Nitrogen, Total Kjeldahl	1.85		0.30	mg/L	2.00	ND	92	90-110		
Matrix Spike Dup (B7G0101-MSD1)		**Source: 0707009-01**								
Nitrogen, Total Kjeldahl	1.85		0.30	mg/L	2.00	ND	92	90-110	0	20
								Prepared: 07/24/07 Analyzed: 07/25/07		
Batch B7G0102 - 351.2/365.4 TKN/T-P - Phosphorus, Total								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B7G0102-BLK1)										
Phosphorus, Total	ND	U	0.30	mg/L						
LCS (B7G0102-BS1)										
Phosphorus, Total	1.98		0.30	mg/L	1.98		100	90-110		
Matrix Spike (B7G0102-MS1)		**Source: 0707009-01**								
Phosphorus, Total	1.88		0.30	mg/L	1.98	ND	95	90-110		
Matrix Spike Dup (B7G0102-MSD1)		**Source: 0707009-01**								
Phosphorus, Total	1.87		0.30	mg/L	1.98	ND	94	90-110	0.5	20
								Prepared & Analyzed: 07/24/07		
Batch B7G0106 - - General Inorganic - Perchlorate								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B7G0106-BLK1)										
Perchlorate	ND	U	2.0	ug/L						
LCS (B7G0106-BS1)										
Perchlorate	10.5			ug/L	10.0		105	85-115		
Matrix Spike (B7G0106-MS1)		**Source: 0707010-04**								
Perchlorate	14.0		2.0	ug/L	10.0	4.36	96	80-120		
Matrix Spike Dup (B7G0106-MSD1)		**Source: 0707010-04**								
Perchlorate	14.4		2.0	ug/L	10.0	4.36	100	80-120	3	15
								Prepared & Analyzed: 07/26/07		
Batch B7G0115 - - General Inorganic - Nitrogen, Ammonia								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B7G0115-BLK1)										
Ammonia as N	ND	U	0.30	mg/L						
Blank (B7G0115-BLK2)										
Ammonia as N	ND	U	0.30	mg/L						
LCS (B7G0115-BS1)										
Ammonia as N	2.02			mg/L	2.00		101	90-110		
LCS (B7G0115-BS2)										
Ammonia as N	2.02			mg/L	2.00		101	90-110		
Matrix Spike (B7G0115-MS1)		**Source: 0707009-01**								
Ammonia as N	2.33	Q4	0.30	mg/L	2.00	ND	116	90-110		
Matrix Spike Dup (B7G0115-MSD1)		**Source: 0707009-01**								
Ammonia as N	2.33	Q4	0.30	mg/L	2.00	ND	116	90-110	0	20

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Qualifiers and Comments

Q9	The quantitation limit was raised for this analyte due to interference from other analytes.
Q4	The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)
J	The reported result for this analyte should be considered an estimated value.
C1	The reported concentration for this analyte is below the quantitation limit.
U	Not Detected
NR	Not Reported