SFUND RECORDS CTR
2156947

United States Environmental Protection Agency
Region 9 Laboratory

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

NOV 3 0 2006

Subject: **Analytical Testing Results - Project R07S09**
SDG: 06313B

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 (Cenco Refinery) 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

Perchlorate

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Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 06313B
Project Number: R07S09	**75 Hawthorne Street**	**Reported:** 11/30/06 08:01
Project: Omega Chemical OU2 (Cenco Refinery) Sampling	**San Francisco CA, 94105**	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC2-MW606-W-0-264	0611009-01	Water	11/07/06 09:50	11/08/06 09:15
OC2-MW605-W-0-265	0611009-02	Water	11/07/06 12:45	11/08/06 09:15
OC2-MW603-W-0-266	0611009-03	Water	11/07/06 14:35	11/08/06 09:15
OC2-MW105-W-0-268	0611011-02	Water	11/08/06 11:45	11/09/06 10:29
OC2-MW201-W-0-269	0611016-01	Water	11/09/06 08:20	11/10/06 09:56
OC2-MW101-W-0-270	0611016-02	Water	11/09/06 10:55	11/10/06 09:56

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Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0611009-01								Water - Sampled: 11/07/06 09:50
Sample ID: OC2-MW606-W-0-264								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**4.6**		**2.0**	ug/L	B6K0037	11/10/06	11/10/06	314.0/SOP531
Lab ID: 0611009-02								Water - Sampled: 11/07/06 12:45
Sample ID: OC2-MW605-W-0-265								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**1.8**	**C1, J**	**2.0**	ug/L	B6K0037	11/10/06	11/10/06	314.0/SOP531
Lab ID: 0611009-03								Water - Sampled: 11/07/06 14:35
Sample ID: OC2-MW603-W-0-266								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**ND**	**U**	**2.0**	ug/L	B6K0037	11/10/06	11/10/06	314.0/SOP531
Lab ID: 0611011-02								Water - Sampled: 11/08/06 11:45
Sample ID: OC2-MW105-W-0-268								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**ND**	**U**	**2.0**	ug/L	B6K0037	11/10/06	11/10/06	314.0/SOP531
Lab ID: 0611016-01								Water - Sampled: 11/09/06 08:20
Sample ID: OC2-MW201-W-0-269								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**ND**	**Q9, U**	**20**	ug/L	B6K0085	11/22/06	11/22/06	314.0/SOP531
Lab ID: 0611016-02								Water - Sampled: 11/09/06 10:55
Sample ID: OC2-MW101-W-0-270								Conventional Chemistry Parameters by APHA/EPA Methods
Perchlorate	**ND**	**U**	**2.0**	ug/L	B6K0076	11/21/06	11/21/06	314.0/SOP531

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R9Q

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
								Prepared & Analyzed: 11/10/06		
Batch B6K0037 - - General Inorganic - Perchlorate					Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control					
Blank (B6K0037-BLK1)										
Perchlorate	ND	U	2.0	ug/L						
LCS (B6K0037-BS1)										
Perchlorate	10.1			ug/L	10.0		101	85-115		
Matrix Spike (B6K0037-MS1)	**Source: 0611011-02**									
Perchlorate	9.62		2.0	ug/L	10.1	ND	95	80-120		
Matrix Spike Dup (B6K0037-MSD1)	**Source: 0611011-02**									
Perchlorate	10.5		2.0	ug/L	10.1	ND	104	80-120	9	15
								Prepared & Analyzed: 11/21/06		
Batch B6K0076 - - General Inorganic - Perchlorate					Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control					
Blank (B6K0076-BLK1)										
Perchlorate	ND	U	2.0	ug/L						
Blank (B6K0076-BLK2)										
Perchlorate	ND	U	2.0	ug/L						
LCS (B6K0076-BS1)										
Perchlorate	9.59			ug/L	10.0		96	85-115		
LCS (B6K0076-BS2)										
Perchlorate	9.85			ug/L	10.0		98	85-115		
								Prepared & Analyzed: 11/22/06		
Batch B6K0085 - - General Inorganic - Perchlorate					Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control					
Blank (B6K0085-BLK1)										
Perchlorate	ND	U	2.0	ug/L						
LCS (B6K0085-BS1)										
Perchlorate	9.86			ug/L	10.0		99	85-115		

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Qualifiers and Comments

Q9	The quantitation limit was raised for this analyte due to interference from other analytes.
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