

OIL CONS. DIV DIST. 3

MAR 30 2016

Analytical Report**Report Summary**

Client: ConocoPhillips

Chain Of Custody Number: 17132

Samples Received: 6/25/2014 3:20:00PM

Job Number: 96052-1706

Work Order: P406106

Project Name/Location: El Paso #1B

Entire Report Reviewed By:



Date: 6/27/14

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: El Paso #1B
Project Number: 96052-1706
Project Manager: Kurtis Shaw

Reported:
27-Jun-14 14:14

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Run 258 Area 22	P406106-01A	Aqueous	06/25/14	06/25/14	Poly 500mL

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 Project Name: El Paso #1B
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Run 258 Area 22
P406106-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cation/Anion Analysis									
pH @25°C	12.2		pH Units	1	1426026	06/25/14 16:25	06/25/14 16:31	EPA 150.1	
Electrical Conductivity	27000		umhos/cm	1	1426026	06/25/14 16:25	06/25/14 16:31	EPA 120.1	
Total Dissolved Solids	9580		mg/L	1	1426028	06/26/14	06/26/14	EPA 160.1	
Sodium Absorption Ratio	54.8		N/A	1	1426031	06/26/14	06/26/14	[CALC]	
Total Alkalinity as CaCO ₃	1200	1000	mg/L	100	1426029	06/26/14	06/26/14	Hach Method 8203	
Total Hardness as CaCO ₃	408	0.07	mg/L		[CALC]	06/26/14	06/26/14	[CALC]	
Bicarbonate as CaCO ₃	ND	1000	mg/L	100	1426029	06/26/14	06/26/14	Hach Method 8203	
Carbonate as CaCO ₃	25000	1000	mg/L	100	1426029	06/26/14	06/26/14	Hach Method 8203	
Hydroxide as CaCO ₃	26200	1000	mg/L	100	1426029	06/26/14	06/26/14	Hach Method 8203	
Nitrate-N	ND	10.0	mg/L	100	1426027	06/25/14 16:40	06/25/14 19:56	EPA 300.0	
Nitrite-N	ND	10.0	mg/L	100	1426027	06/25/14 16:40	06/25/14 19:56	EPA 300.0	
Chloride	ND	100	mg/L	100	1426027	06/25/14	06/25/14	EPA 300.0	
Fluoride	ND	10.0	mg/L	100	1426027	06/25/14	06/25/14	EPA 300.0	
o-Phosphate	ND	50.0	mg/L	100	1426027	06/25/14 16:40	06/25/14 19:56	EPA 300.0	
Sulfate	2090	100	mg/L	100	1426027	06/25/14	06/25/14	EPA 300.0	
Iron	0.01	0.01	mg/L	1	1426022	06/26/14	06/26/14	EPA 6010C	
Calcium	163	0.01	mg/L	1	1426022	06/26/14	06/26/14	EPA 6010C	
Magnesium	ND	0.01	mg/L	1	1426022	06/26/14	06/26/14	EPA 6010C	
Potassium	113	0.01	mg/L	1	1426022	06/26/14	06/26/14	EPA 6010C	
Sodium	2540	0.01	mg/L	1	1426022	06/26/14	06/26/14	EPA 6010C	

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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1426027 - Anion Extraction EPA 300.0

Blank (1426027-BLK1)

Prepared & Analyzed: 25-Jun-14

Nitrate-N	ND	0.10	mg/L
Nitrite-N	ND	0.10	"
Chloride	ND	1.00	"
Fluoride	ND	0.10	"
o-Phosphate	ND	0.50	"
Sulfate	ND	1.00	"

LCS (1426027-BS1)

Prepared & Analyzed: 25-Jun-14

Nitrate-N	5.00	0.10	mg/L	5.00	100	90-110
Nitrite-N	5.14	0.10	"	5.00	103	90-110
Chloride	51.5	1.00	"	50.0	103	90-110
Fluoride	5.12	0.10	"	5.00	102	90-110
o-Phosphate	24.2	0.50	"	25.0	96.9	90-110
Sulfate	49.9	1.00	"	50.0	99.7	90-110

Matrix Spike (1426027-MS1)

Source: P406106-01

Prepared & Analyzed: 25-Jun-14

Nitrate-N	503	10.0	mg/L	500	ND	101	80-120
Nitrite-N	516	10.0	"	500	ND	103	80-120
Chloride	5120	100	"	5000	ND	102	80-120
Fluoride	515	10.0	"	500	ND	103	80-120
o-Phosphate	2440	50.0	"	2500	ND	97.6	80-120
Sulfate	7330	100	"	5000	2090	105	80-120

Matrix Spike Dup (1426027-MSD1)

Source: P406106-01

Prepared & Analyzed: 25-Jun-14

Nitrate-N	503	10.0	mg/L	500	ND	101	80-120	0.0199	20
Nitrite-N	519	10.0	"	500	ND	104	80-120	0.580	20
Chloride	5120	100	"	5000	ND	102	80-120	0.0996	20
Fluoride	515	10.0	"	500	ND	103	80-120	0.136	20
o-Phosphate	2440	50.0	"	2500	ND	97.6	80-120	0.00820	20
Sulfate	7220	100	"	5000	2090	103	80-120	1.54	20

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Notes and Definitions

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

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