

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD ARTESIA DISTRICT
HOBBSFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

JAN 21 2015

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. NMLC029405B
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name
Contact: SUSAN B MAUNDER E-Mail: Susan.B.Maunder@conocophillips.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 281-206-5281	8. Well Name and No. MITCHELL B 7
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T17S R32E NWSW 1980FSL 660FWL		9. API Well No. 30-025-00591-00-S1
		10. Field and Pool, or Exploratory MALJAMAR
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company respectfully submits this report as requested by Mr. J. Amos.

Our Poseidon Tank continues to be a benefit to our operations in the Maljamar area.

Attached is the most recent test results showing that "fresh water" is in the tank.

Thank you for your time spent reviewing this report.

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 09 2015

RECEIVED



14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #249519 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs Committed to AFMSS for processing by CATHY QUEEN on 06/19/2014 (14CQ0113SE)	
Name (Printed/Typed) SUSAN B MAUNDER	Title SENIOR REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 06/13/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

JAN 26 2015

Analytical Report 486577

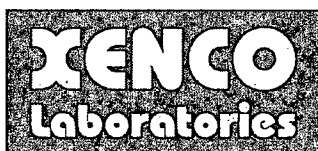
for
Conoco Phillips

Project Manager: Ben Warden

Maljamar Tank Sample- May

12-JUN-14

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



12-JUN-14

Project Manager: **Ben Warden**
Conoco Phillips
3300 North A Street
Midland, TX 79705

Reference: XENCO Report No(s): **486577**
Maljamar Tank Sample- May
Project Address:

Ben Warden:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 486577. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 486577 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

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Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America



Sample Cross Reference 486577



Conoco Phillips, Midland, TX

Maljamar Tank Sample- May

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Poseidon	W	06-02-14 00:00		486577-001



CASE NARRATIVE



Client Name: Conoco Phillips

Project Name: Maljamar Tank Sample- May

Project ID:

Work Order Number(s): 486577

Report Date: 12-JUN-14

Date Received: 06/02/2014

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None



Certificate of Analysis Summary 486577

Conoco Phillips, Midland, TX



Project Name: Maljamar Tank Sample- May

Project Id:

Contact: Ben Warden

Date Received in Lab: Mon Jun-02-14 06:20 pm

Report Date: 12-JUN-14

Project Location:

Project Manager: Kelsey Brooks

Analysis Requested	Lab Id:	486577-001					
	Field Id:	Poscidon					
	Depth:						
	Matrix:	WATER					
	Sampled:	Jun-02-14 00:00					
Alkalinity by SM2320B SUB: E871002	Extracted:						
	Analyzed:	Jun-04-14 13:42					
	Units/RL:	mg/L RL					
Alkalinity, Total (as CaCO3)		136 4.00					
Hydrogen Sulfide by Calculation by SM4500S2-H SUB: E871002	Extracted:						
	Analyzed:	Jun-12-14 12:03					
	Units/RL:	mg/L RL					
Hydrogen sulfide		ND 5.00					
Inorganic Anions by EPA 300/300.1 SUB: E871002	Extracted:	Jun-04-14 11:07					
	Analyzed:	Jun-04-14 12:26					
	Units/RL:	mg/L RL					
Chloride		46.0 10.0					
Sulfate		35.8 10.0					
Metals per ICP by EPA 200.7 SUB: E871002	Extracted:	Jun-04-14 09:10					
	Analyzed:	Jun-04-14 19:30					
	Units/RL:	mg/L RL					
Hardness, Total as CaCO3		142 1.32					
Specific Conductance by EPA 120.1 SUB: E871002	Extracted:						
	Analyzed:	Jun-06-14 15:59					
	Units/RL:	uS/cm RL					
Conductivity		483 2.00					
Sulfide by SM4500-S-F-00 SUB: E871002	Extracted:						
	Analyzed:	Jun-05-14 16:27					
	Units/RL:	mg/L RL					
Sulfide, total		ND 5.00					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Kelsey Brooks
Project Manager



Certificate of Analysis Summary 486577

Conoco Phillips, Midland, TX

Project Name: Maljamar Tank Sample- May



Project Id:

Contact: Ben Warden

Date Received in Lab: Mon Jun-02-14 06:20 pm

Report Date: 12-JUN-14

Project Location:

Project Manager: Kelsey Brooks

Analysis Requested	Lab Id:	486577-001					
	Field Id:	Poseidon					
	Depth:						
	Matrix:	WATER					
	Sampled:	Jun-02-14 00:00					
TDS by SM2540C SUB: E871002	Extracted:						
	Analyzed:	Jun-04-14 10:29					
	Units/RL:	mg/L RL					
Total dissolved solids		308 5.00					
Total Residue by SM2540B SUB: E871002	Extracted:						
	Analyzed:	Jun-04-14 12:00					
	Units/RL:	mg/L RL					
Total Residue		338 5.00					
pH, Electrometric by EPA 150.2	Extracted:						
	Analyzed:	Jun-03-14 12:49					
	Units/RL:	Deg C RL					
Temperature		20.8					
pH, Electrometric by EPA 150.2	Extracted:						
	Analyzed:	Jun-03-14 12:49					
	Units/RL:	SU RL					
pH		9.22					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Kelsey Brooks
Project Manager



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- **** Surrogate recovered outside laboratory control limit.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- MDL** Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection
- PQL** Practical Quantitation Limit **SQL** Sample Quantitation Limit **LOQ** Limit of Quantitation
- DL** Method Detection Limit
- NC** Non-Calculable
- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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2505 North Falkenburg Rd, Tampa, FL 33619
12600 West I-20 East, Odessa, TX 79765
6017 Financial Drive, Norcross, GA 30071
3725 E. Atlanta Ave, Phoenix, AZ 85040

Phone	Fax
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(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	



Blank Spike Recovery



Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Project ID:

Lab Batch #: 942602

Sample: 656503-1-BKS

Matrix: Water

Date Analyzed: 06/04/2014

Date Prepared: 06/04/2014

Analyst: DEP

Reporting Units: mg/L

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	<1.00	10.0	9.90	99	80-120	
Sulfate	<1.00	10.0	9.95	100	80-120	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



BS / BSD Recoveries



Project Name: Maljamar Tank Sample- May

Work Order #: 486577, 486577

Project ID:

Analyst: MAB

Date Prepared: 06/04/2014

Date Analyzed: 06/04/2014

Lab Batch ID: 942540

Sample: 942540-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Alkalinity by SM2320B	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Alkalinity, Total (as CaCO ₃)	<4.00	250	252	101	250	253	101	0	80-120	20	

Analyst: DAQ

Date Prepared: 06/04/2014

Date Analyzed: 06/04/2014

Lab Batch ID: 942616

Sample: 656462-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Calcium	<0.200	25.0	26.8	107	25.0	26.9	108	0	85-115	20	
Magnesium	<0.200	25.0	27.6	110	25.0	27.6	110	0	85-115	20	

Analyst: DHE

Date Prepared: 06/06/2014

Date Analyzed: 06/06/2014

Lab Batch ID: 942792

Sample: 942792-1-BKS

Batch #: 1

Matrix: Water

Units: uS/cm

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Specific Conductance by EPA 120.1	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Conductivity	<2.00	1410	1420	101	1410	1420	101	0	90-110	20	

Relative Percent Difference RPD = $200 * [(C-F)/(C+F)]$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



BS / BSD Recoveries



Project Name: Maljamar Tank Sample- May

Work Order #: 486577, 486577

Analyst: DHE

Date Prepared: 06/05/2014

Project ID:

Date Analyzed: 06/05/2014

Lab Batch ID: 942664

Sample: 942664-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Sulfide by SM4500-S-F-00	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Sulfide, total	<5.00	50.0	42.2	84	50.0	42.0	84	0	80-120	20	

Analyst: LIJ

Date Prepared: 06/04/2014

Date Analyzed: 06/04/2014

Lab Batch ID: 942510

Sample: 942510-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TDS by SM2540C	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Total dissolved solids	<5.00	1000	1020	102	1000	1020	102	0	80-120	10	

Analyst: ANS

Date Prepared: 06/04/2014

Date Analyzed: 06/04/2014

Lab Batch ID: 942608

Sample: 942608-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Total Residue by SM2540B	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Total Residue	<5.00	1000	1020	102	1000	1020	102	0	80-120	20	

Relative Percent Difference RPD = $200 * [(C-F)/(C+F)]$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries



Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942616

Date Analyzed: 06/04/2014

QC- Sample ID: 486189-003 S

Reporting Units: mg/L

Date Prepared: 06/04/2014

Batch #: 1

Project ID:

Analyst: DAQ

Matrix: Drinking Water

MATRIX / MATRIX SPIKE RECOVERY STUDY

Metals per ICP by EPA 200.7	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Calcium	28.6	25.0	55.1	106	70-130	
Magnesium	9.21	25.0	36.7	110	70-130	

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$

Relative Percent Difference [E] = $200 \times (C-A)/(C+B)$

All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries



Project Name: Maljamar Tank Sample- May

Work Order # : 486577
Lab Batch ID: 942602
Date Analyzed: 06/04/2014
Reporting Units: mg/L

QC- Sample ID: 486366-012 S
Date Prepared: 06/04/2014

Project ID:

Batch #: 1 Matrix: Ground Water
Analyst: DEP

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Chloride	2.70	10.0	12.5	98	10.0	12.6	99	1	80-120	20	
Sulfate	1.68	10.0	11.5	98	10.0	11.6	99	1	80-120	20	

Lab Batch ID: 942616
Date Analyzed: 06/04/2014
Reporting Units: mg/L

QC- Sample ID: 486424-003 S
Date Prepared: 06/04/2014

Batch #: 1 Matrix: Water
Analyst: DAQ

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Calcium	52.3	25.0	74.9	90	25.0	78.1	103	4	70-130	20	
Magnesium	2.92	25.0	28.6	103	25.0	30.9	112	8	70-130	20	

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$
Relative Percent Difference RPD = $200 \times |(C-F)/(C+F)|$

Matrix Spike Duplicate Percent Recovery [G] = $100 \times (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.



Sample Duplicate Recovery



Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942540

Date Analyzed: 06/04/2014 13:42

Date Prepared: 06/04/2014

Project ID:

Analyst: MAB

QC- Sample ID: 486573-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Alkalinity by SM2320B	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Alkalinity, Total (as CaCO ₃)	166	166	0	20	

Lab Batch #: 942792

Date Analyzed: 06/06/2014 15:59

Date Prepared: 06/06/2014

Analyst: DHE

QC- Sample ID: 486577-001 D

Batch #: 1

Matrix: Water

Reporting Units: uS/cm

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Specific Conductance by EPA 120.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Conductivity	483	488	1	20	

Lab Batch #: 942510

Date Analyzed: 06/04/2014 10:29

Date Prepared: 06/04/2014

Analyst: LIJ

QC- Sample ID: 486570-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY					
TDS by SM2540C	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Total dissolved solids	235000	229000	3	10	

Lab Batch #: 942608

Date Analyzed: 06/04/2014 12:00

Date Prepared: 06/04/2014

Analyst: ANS

QC- Sample ID: 486573-001 D

Batch #: 1

Matrix: Water

Reporting Units: mg/L

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Total Residue by SM2540B	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Total Residue	266	273	3	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942499

Project ID:

Date Analyzed: 06/03/2014 12:49

Date Prepared: 06/03/2014

Analyst: WRU

QC- Sample ID: 486536-001 D

Batch #: 1

Matrix: Water

Reporting Units: Deg C

SAMPLE / SAMPLE DUPLICATE RECOVERY					
pH, Electrometric by EPA 150.2	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Temperature	21.8	21.8	0	20	U

Lab Batch #: 942499

Date Analyzed: 06/03/2014 12:49

Date Prepared: 06/03/2014

Analyst: WRU

QC- Sample ID: 486536-001 D

Batch #: 1

Matrix: Water

Reporting Units: SU

SAMPLE / SAMPLE DUPLICATE RECOVERY					
pH, Electrometric by EPA 150.2	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
pH	7.54	7.54	0	20	U

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In



Client: Conoco Phillips

Date/ Time Received: 06/02/2014 06:20:00 PM

Work Order #: 486577

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.5
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	No
#5 Custody Seals intact on sample bottles?	No
#6 *Custody Seals Signed and dated?	No
#7 *Chain of Custody present?	Yes
#8 Sample instructions complete on Chain of Custody?	Yes
#9 Any missing/extra samples?	No
#10 Chain of Custody signed when relinquished/ received?	Yes
#11 Chain of Custody agrees with sample label(s)?	Yes
#12 Container label(s) legible and intact?	Yes
#13 Sample matrix/ properties agree with Chain of Custody?	Yes
#14 Samples in proper container/ bottle?	Yes
#15 Samples properly preserved?	Yes
#16 Sample container(s) intact?	Yes
#17 Sufficient sample amount for indicated test(s)?	Yes
#18 All samples received within hold time?	Yes
#19 Subcontract of sample(s)?	No
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	Yes
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	Yes

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:
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Checklist completed by: Kelsey Brooks
Kelsey Brooks

Date: 06/03/2014

Checklist reviewed by: Kelsey Brooks
Kelsey Brooks

Date: 06/03/2014