

Technical Report for

Petron Development Co

Zuege Lease

SGS Accutest Job Number: D82441R

Sampling Date: 05/03/16

Report to:

**Petron Development Co
1899 W. Littleton Blvd.
Littleton, CO 80120
jim@petron.net**

ATTN: Jim Walker

Total number of pages in report: 14



Test results contained within this data package meet the requirements
of the National Environmental Laboratory Accreditation Program
and/or state specific certification programs as applicable.

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Laboratory Director

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Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049),
LA (LA150028), TX (T104704511), WY
CO (CO00049), EPA 515.4 Provisional

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Test results relate only to samples analyzed.

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Sample Summary

Petron Development Co
Zuege Lease

Job No: D82441R

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
D82441-1AR	05/03/16	14:55 TP	05/06/16	SO	Soil	1
D82441-2AR	05/03/16	15:00 TP	05/06/16	SO	Soil	2
D82441-3AR	05/03/16	15:05 TP	05/06/16	SO	Soil	3
D82441-4AR	05/03/16	15:10 TP	05/06/16	SO	Soil	4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

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Job Number: D82441R
Account: Petron Development Co
Project: Zuege Lease
Collected: 05/03/16

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Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
D82441-1AR	1					
		Specific Conductivity	260	1.0	umhos/cm	SM 2510B-2011 MOD
		pH	9.30		su	SW846 9045D
D82441-2AR	2					
		Specific Conductivity	270	1.0	umhos/cm	SM 2510B-2011 MOD
		pH	9.03		su	SW846 9045D
D82441-3AR	3					
		Specific Conductivity	672	1.0	umhos/cm	SM 2510B-2011 MOD
		pH	8.36		su	SW846 9045D
D82441-4AR	4					
		Specific Conductivity	489	1.0	umhos/cm	SM 2510B-2011 MOD
		pH	9.28		su	SW846 9045D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	1	Date Sampled:	05/03/16
Lab Sample ID:	D82441-1AR	Date Received:	05/06/16
Matrix:	SO - Soil	Percent Solids:	n/a
Project:	Zuege Lease		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	260	1.0	umhos/cm	1	05/19/16	TJ	SM 2510B-2011 MOD
pH	9.30		su	1	05/19/16 14:00	TB	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	2	Date Sampled:	05/03/16
Lab Sample ID:	D82441-2AR	Date Received:	05/06/16
Matrix:	SO - Soil	Percent Solids:	n/a
Project:	Zuege Lease		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	270	1.0	umhos/cm	1	05/19/16	TJ	SM 2510B-2011 MOD
pH	9.03		su	1	05/19/16 14:00	TB	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	3	Date Sampled:	05/03/16
Lab Sample ID:	D82441-3AR	Date Received:	05/06/16
Matrix:	SO - Soil	Percent Solids:	n/a
Project:	Zuege Lease		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	672	1.0	umhos/cm	1	05/19/16	TJ	SM 2510B-2011 MOD
pH	8.36		su	1	05/19/16 14:00	TB	SW846 9045D

RL = Reporting Limit

Report of Analysis

Client Sample ID:	4	Date Sampled:	05/03/16
Lab Sample ID:	D82441-4AR	Date Received:	05/06/16
Matrix:	SO - Soil	Percent Solids:	n/a
Project:	Zuege Lease		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	489	1.0	umhos/cm	1	05/19/16	TJ	SM 2510B-2011 MOD
pH	9.28		su	1	05/19/16 14:00	TB	SW846 9045D

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.acousti.com

[illegible]

D82441R: Chain of Custody

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SGS Accutest Sample Receipt Summary

Job Number: D82441

Client: PETAOL DEVELOPMENT

Project: ZUEGE LEASE

Date / Time Received: 5/6/2016 3:10:00 PM

Delivery Method:

Airbill #'s: hd

Cooler Temps (Initial/Adjusted): #1: (17.2/17.2):

Cooler Security

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun; | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

D82441R: Chain of Custody

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General Chemistry

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QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D82441R
Account: PETRCOL - Petron Development Co
Project: Zuege Lease

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP17956/GN34560			umhos/cm	1001	1000	100.0	90-110%
pH	GN34567			su	8.00	7.97	99.6	99.1-100.9

Associated Samples:

Batch GN34567: D82441-1AR, D82441-2AR, D82441-3AR, D82441-4AR

Batch GP17956: D82441-1AR, D82441-2AR, D82441-3AR, D82441-4AR

(*) Outside of QC limits