

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Johnny Titsworth  
Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland, TX 79705

Project: Gissler B 3-3  
Project Number: [none]  
Location: Eddy Co. New Mexico  
Lab Order Number: 6I09003



NELAP/TCEQ # T104704156-16-6

Report Date: 09/16/16

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (0-1)	6I09003-01	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (1-1.5)	6I09003-02	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (2-2.5)	6I09003-03	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (3-3.5)	6I09003-04	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (4-4.5)	6I09003-05	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (5-5.5)	6I09003-06	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (6-6.5)	6I09003-07	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (7-7.5)	6I09003-08	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (8-8.5)	6I09003-09	Soil	09/08/16 00:00	09-09-2016 11:15
SP-1 (9-9.5)	6I09003-10	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (0-1)	6I09003-11	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (1-1.5)	6I09003-12	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (2-2.5)	6I09003-13	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (3-3.5)	6I09003-14	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (4-4.5)	6I09003-15	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (5-5.5)	6I09003-16	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (6-6.5)	6I09003-17	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (7-7.5)	6I09003-18	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (8-8.5)	6I09003-19	Soil	09/08/16 00:00	09-09-2016 11:15
SP-2 (9-9.5)	6I09003-20	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (0-1)	6I09003-21	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (1-1.5)	6I09003-22	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (2-2.5)	6I09003-23	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (3-3.5)	6I09003-24	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (4-4.5)	6I09003-25	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (5-5.5)	6I09003-26	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (6-6.5)	6I09003-27	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (7-7.5)	6I09003-28	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (8-8.5)	6I09003-29	Soil	09/08/16 00:00	09-09-2016 11:15
SP-3 (9-9.5)	6I09003-30	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (0-1)	6I09003-31	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (1-1.5)	6I09003-32	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (2-2.5)	6I09003-33	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (3-3.5)	6I09003-34	Soil	09/08/16 00:00	09-09-2016 11:15

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-4 (4-4.5)	6109003-35	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (5-5.5)	6109003-36	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (6-6.5)	6109003-37	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (7-7.5)	6109003-38	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (8-8.5)	6109003-39	Soil	09/08/16 00:00	09-09-2016 11:15
SP-4 (9-9.5)	6109003-40	Soil	09/08/16 00:00	09-09-2016 11:15

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (0-1)**  
**6I09003-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	10.0	1.08	mg/kg dry	1	P6I0914	09/09/16	09/10/16	EPA 300.0
% Moisture	7.0	0.1	%	1	P6I1202	09/12/16	09/12/16	% calculation

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (1-1.5)**  
**6109003-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	70.4	1.06	mg/kg dry	1	P610914	09/09/16	09/10/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (2-2.5)**  
**6109003-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	115	1.05	mg/kg dry	1	P610914	09/09/16	09/10/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (3-3.5)**  
**6109003-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	1480	5.32	mg/kg dry	5	P610914	09/09/16	09/10/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (4-4.5)**  
**6109003-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>21200</b>	57.5	mg/kg dry	50	P610914	09/09/16	09/10/16	EPA 300.0
<b>% Moisture</b>	<b>13.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation



Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (5-5.5)**  
**6109003-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>18100</b>	56.2	mg/kg dry	50	P610914	09/09/16	09/10/16	EPA 300.0	
<b>% Moisture</b>	<b>11.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (6-6.5)**  
**6109003-07 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	478	5.75	mg/kg dry	5	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (7-7.5)**  
**6109003-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>290</b>	1.11	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
<b>% Moisture</b>	<b>10.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (8-8.5)**  
**6109003-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>702</b>	1.10	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-1 (9-9.5)**  
**6109003-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	859	1.10	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (0-1)**  
**6109003-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>3520</b>	26.9	mg/kg dry	25	P610914	09/09/16	09/11/16	EPA 300.0	
<b>% Moisture</b>	<b>7.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (1-1.5)**  
**6109003-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	264	1.03	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (2-2.5)**  
**6109003-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	475	1.04	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation



Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
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Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (3-3.5)**  
**6109003-14 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>398</b>	1.06	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
<b>% Moisture</b>	<b>6.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (4-4.5)**  
**6109003-15 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	260	1.02	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0
% Moisture	2.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (5-5.5)**  
**6109003-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	421	1.03	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (6-6.5)**  
**6109003-17 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	468	1.03	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (7-7.5)**  
**6109003-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	362	1.03	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
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Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (8-8.5)**  
**6109003-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	431	1.04	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
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Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-2 (9-9.5)**  
**6109003-20 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	398	1.04	mg/kg dry	1	P610914	09/09/16	09/11/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (0-1)**  
**6109003-21 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>4950</b>	28.1	mg/kg dry	25	P611204	09/12/16	09/12/16	EPA 300.0	
<b>% Moisture</b>	<b>11.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	



Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
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Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (1-1.5)**  
**6109003-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>391</b>	1.05	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
<b>% Moisture</b>	<b>5.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (2-2.5)**  
**6109003-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	644	1.08	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
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Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (3-3.5)**  
**6109003-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	345	1.06	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (4-4.5)**  
**6109003-25 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>43.6</b>	1.12	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
<b>% Moisture</b>	<b>11.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (5-5.5)**  
**6109003-26 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	6330	5.43	mg/kg dry	5	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (6-6.5)**  
**6109003-27 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	784	1.04	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (7-7.5)**  
**6109003-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	937	1.05	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (8-8.5)**  
**6109003-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	265	1.05	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	



Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-3 (9-9.5)**  
**6109003-30 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	69.0	1.06	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (0-1)**  
**6109003-31 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	342	1.03	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (1-1.5)**  
**6109003-32 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	48.0	1.04	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (2-2.5)**  
**6109003-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	37.8	1.05	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (3-3.5)**  
**6109003-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	38.8	1.06	mg/kg dry	1	P611204	09/12/16	09/12/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (4-4.5)**  
**6109003-35 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	16.0	1.06	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (5-5.5)**  
**6109003-36 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	15.9	1.03	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (6-6.5)**  
**6109003-37 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	15.4	1.06	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	



Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (7-7.5)**  
**6109003-38 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	7.19	1.12	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (8-8.5)**  
**6109003-39 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	ND	1.04	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	<b>4.0</b>	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**SP-4 (9-9.5)**  
**6109003-40 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	12.1	1.04	mg/kg dry	1	P611204	09/12/16	09/13/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P611202	09/12/16	09/12/16	% calculation	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P6I0914 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P6I0914-BLK1)</b>		Prepared: 09/09/16 Analyzed: 09/10/16								
Chloride	ND	1.00	mg/kg wet							
<b>LCS (P6I0914-BS1)</b>		Prepared: 09/09/16 Analyzed: 09/10/16								
Chloride	443	1.00	mg/kg wet	400		111	80-120			
<b>LCS Dup (P6I0914-BSD1)</b>		Prepared: 09/09/16 Analyzed: 09/10/16								
Chloride	440	1.00	mg/kg wet	400		110	80-120	0.701	20	
<b>Duplicate (P6I0914-DUP1)</b>		<b>Source: 6I09003-01</b>		Prepared: 09/09/16 Analyzed: 09/10/16						
Chloride	11.1	1.08	mg/kg dry		10.0			9.79	20	
<b>Duplicate (P6I0914-DUP2)</b>		<b>Source: 6I09003-11</b>		Prepared: 09/09/16 Analyzed: 09/11/16						
Chloride	3540	26.9	mg/kg dry		3520			0.419	20	
<b>Matrix Spike (P6I0914-MS1)</b>		<b>Source: 6I09003-01</b>		Prepared: 09/09/16 Analyzed: 09/10/16						
Chloride	1120	1.08	mg/kg dry	1080	10.0	103	80-120			

**Batch P6I1202 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P6I1202-BLK1)</b>		Prepared & Analyzed: 09/12/16								
% Moisture	ND	0.1	%							
<b>Blank (P6I1202-BLK2)</b>		Prepared & Analyzed: 09/12/16								
% Moisture	ND	0.1	%							
<b>Duplicate (P6I1202-DUP1)</b>		<b>Source: 6I08014-09</b>		Prepared & Analyzed: 09/12/16						
% Moisture	6.0	0.1	%		7.0			15.4	20	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P6I1202 - \*\*\* DEFAULT PREP \*\*\***

<b>Duplicate (P6I1202-DUP2)</b>	<b>Source: 6I09003-19</b>		Prepared & Analyzed: 09/12/16							
% Moisture	4.0	0.1	%		4.0			0.00	20	
<b>Duplicate (P6I1202-DUP3)</b>	<b>Source: 6I09003-40</b>		Prepared & Analyzed: 09/12/16							
% Moisture	4.0	0.1	%		4.0			0.00	20	
<b>Duplicate (P6I1202-DUP4)</b>	<b>Source: 6I09004-27</b>		Prepared & Analyzed: 09/12/16							
% Moisture	6.0	0.1	%		5.0			18.2	20	
<b>Duplicate (P6I1202-DUP5)</b>	<b>Source: 6I09005-02</b>		Prepared & Analyzed: 09/12/16							
% Moisture	2.0	0.1	%		2.0			0.00	20	

**Batch P6I1204 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P6I1204-BLK1)</b>	Prepared & Analyzed: 09/12/16									
Chloride	ND	1.00	mg/kg wet							
<b>LCS (P6I1204-BS1)</b>	Prepared & Analyzed: 09/12/16									
Chloride	432	1.00	mg/kg wet	400		108	80-120			
<b>LCS Dup (P6I1204-BSD1)</b>	Prepared & Analyzed: 09/12/16									
Chloride	432	1.00	mg/kg wet	400		108	80-120	0.0324	20	
<b>Duplicate (P6I1204-DUP1)</b>	<b>Source: 6I09003-21</b>		Prepared & Analyzed: 09/12/16							
Chloride	5020	28.1	mg/kg dry		4950			1.40	20	
<b>Duplicate (P6I1204-DUP2)</b>	<b>Source: 6I09003-31</b>		Prepared & Analyzed: 09/12/16							
Chloride	343	1.03	mg/kg dry		342			0.0632	20	

Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P6I1204 - \*\*\* DEFAULT PREP \*\*\***

**Matrix Spike (P6I1204-MS1)**

**Source: 6I09003-21**

Prepared & Analyzed: 09/12/16

Chloride	5590	28.1	mg/kg dry	1120	4950	56.9	80-120			QM-07
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Burnett Oil Company, Inc.  
24 Smith Road Suite 100  
Midland TX, 79705

Project: Gissler B 3-3  
Project Number: [none]  
Project Manager: Johnny Titsworth

Fax:

### Notes and Definitions

QM-07     The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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

LCS        Laboratory Control Spike

MS        Matrix Spike

Dup        Duplicate

Report Approved By:



Date: 9/16/2016

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, LP  
10014 S. County Road 1213  
Midland, Texas 79706

Phone: 432-686-7235

Project Manager: Johnny Titworth

Project Name: Gissler B-3-3

Company Name: Burnett Oil Co., Inc.

Project #:

Company Address: P.O. Box 188 87 Square Lake Rd.


Project Loc: Eddy Co. New Mexico

City/State/Zip: Loco Hills, NM 88265

PO #:

Telephone No: (432) 425-2891

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature: 

Fax No:

e-mail: [titworth@burnettoil.com](mailto:titworth@burnettoil.com)

(lab use only)

ORDER #:

6509003

LAB # (lab use only)

FIELD CODE

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None	Other ( Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO <sub>4</sub> , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1		SP-1	0	1	9/8/2016				1									S												X		X
2		SP-1	1	1.5	9/8/2016				1									S												X		X
3		SP-1	2	2.5	9/8/2016				1									S												X		X
4		SP-1	3	3.5	9/8/2016				1									S												X		X
5		SP-1	4	4.5	9/8/2016				1									S												X		X
6		SP-1	5	5.5	9/8/2016				1									S												X		X
7		SP-1	6	6.5	9/8/2016				1									S												X		X
8		SP-1	7	7.5	9/8/2016				1									S												X		X
9		SP-1	8	8.5	9/8/2016				1									S												X		X
10		SP-1	9	9.5	9/8/2016				1									S												X		X

Special Instructions:

Relinquished by: 

Date: 9-9-16

Time: 11:17

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by: PBEL

Date:

Time:

9-9-16 11:15

Laboratory Comments:  
Sample Containers Intact? ☒  
VOCs Free of Headspace? ☒  
Labels on container(s) ☒  
Custody seals on container(s) ☒  
Custody seals on cooler(s) ☒  
Sample Hand Delivered ☒  
by Sampler/Client Rep? ☒  
by Courier? ☒  
Temperature Upon Receipt: ☒  
Adjusted: 2.0 °C Factor ☒  
NCT 11



## CHAIN OF CUSTODY RECORD AND ANALYSIS BENEFIT

Permian Basin Environmental Lab, LP  
10014 S. County Road 1213  
Midland, Texas 79706

**Project Manager:** Johnny Titsworth

**Project Name:** Gissler B 3-3

**Company Name** Burnett Oil Co., Inc.

**Project #:**

Company Address: P.O. Box 188 87 Square Lake Rd.

**Project Loc:** Eddy Co. New Mexico

City/State/Zip: Loco Hills, NM 88255

**PO #:**

Telephone No: (432) 425-2891

**Report Format:** ☒ Standard ☐ TRRP ☐ NPDES

**Sampler Signature:**

e-mail: [ititsworth@burnettoil.com](mailto:ititsworth@burnettoil.com)

(lab use only)

ORDER # 070400

ORDER # 070400

[illegible]

**Special instructions:**

Laboratory Comments:

Relinquished by:

Date \_\_\_\_\_

Time

Received by:

Date \_\_\_\_\_

Time

Relinquished by:

Date \_\_\_\_\_

Time

Received by:

Date \_\_\_\_\_

Time

**Relinquished by:**

Date \_\_\_\_\_

Time

Received by PBEI.

Date \_\_\_\_\_

Time:

Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N
Custody seals on container(s)	N
Custody seals on cooler(s)	N
Sample Hand Delivered	N
by Sampler/Client Rep. ?	N
by Courier? UPS DHL	N
Temperature Upon Receipt:	N
Adjusted: 2.0 °C	N
Revised:	N

ACF 11

FeedX Lone Star



