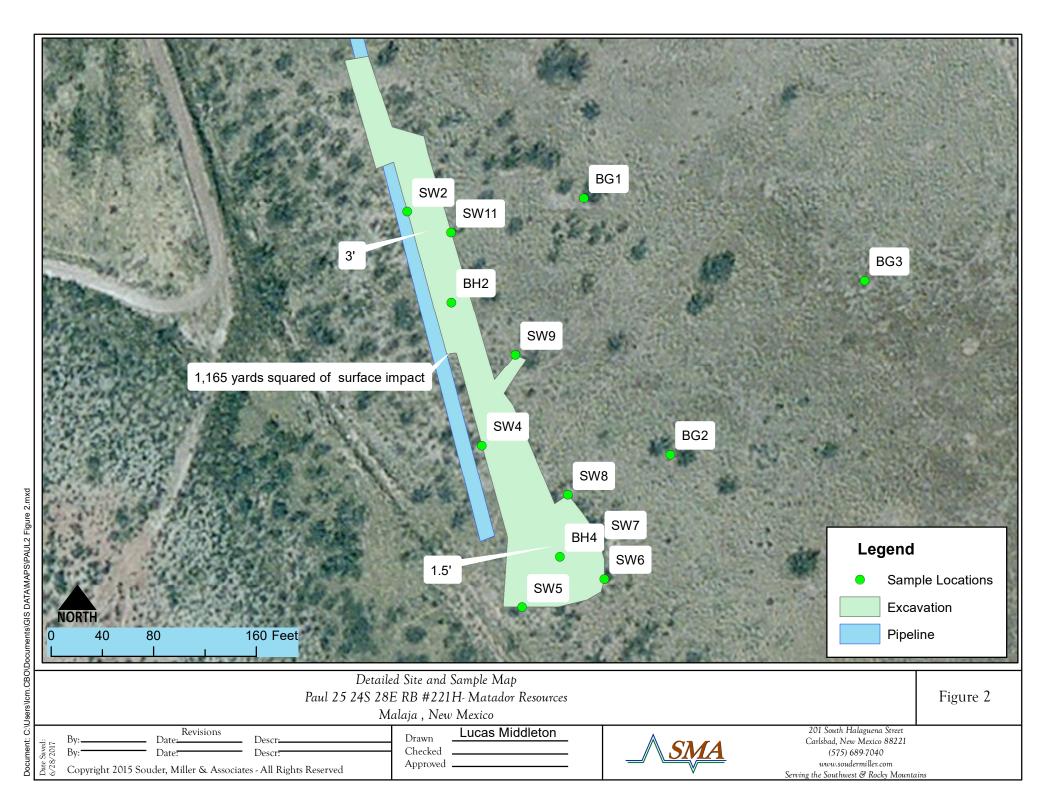
Summary of Sulfate Results compared to Background¹

Sample Number on Figure 2 Map	Depth	Sulfate mg/Kg	Background ²
SW2	1.5'	6400	8850
SW4	1'	5800	7700
SW5	1'	5400	7700
SW6	1'	5300	7700
SW7	1'	5100	7700
SW8	1'	5100	7700
SW9	0.5'	5100	6250
SW11	1.5'	5300	8850
BH2	3'	4100	7800
BH2	5.5	7500	7400
BH2	10'	6300	7200
BH4	1.5	5600	8850

¹SMA determined that the comparison of Nitrate Background data to Nitrate Excavation data are a Null Hypothesis

²Background numbers are an average of the 2 nearest delineation samples that is representing the soil horizon at given depth



Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW2

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-001
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: MRA
Chloride	5500	300	mg/Kg	200 6/27/2017 4:36:37 AM	M 32485
Nitrogen, Nitrate (As N)	8.4	6.0	mg/Kg	20 6/26/2017 1:05:47 PM	M 32485
Sulfate	6400	300	mg/Kg	200 6/27/2017 4:36:37 AM	M 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW4

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-002
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	140	75	mg/Kg	50	6/27/2017 4:49:02 AM	Л 32485
Nitrogen, Nitrate (As N)	1.9	0.30	mg/Kg	1	6/26/2017 1:43:01 PM	Л 32485
Sulfate	5800	75	mg/Kg	50	6/27/2017 4:49:02 AM	A 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW5

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-003
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF Date Analyzed		Batch
EPA METHOD 300.0: ANIONS					Analy	/st: MRA
Chloride	1000	30	mg/Kg	20	6/26/2017 2:45:04 PI	M 32485
Nitrogen, Nitrate (As N)	2.3	1.5	mg/Kg	5	6/26/2017 2:32:40 PI	M 32485
Sulfate	5400	75	mg/Kg	50	6/27/2017 5:01:27 AI	M 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW6

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-004
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	19	7.5	mg/Kg	5	6/26/2017 2:57:28 PN	1 32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 2:57:28 PN	1 32485
Sulfate	5300	75	mg/Kg	50	6/27/2017 5:13:52 AN	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW7

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-005
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	15	7.5	mg/Kg	5	6/26/2017 3:22:16 PM	Л 32485
Nitrogen, Nitrate (As N)	1.7	1.5	mg/Kg	5	6/26/2017 3:22:16 PM	Л 32485
Sulfate	5100	75	mg/Kg	50	6/27/2017 5:26:17 AM	A 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 5 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: SW8

Project: Matador Paul 2nd Collection Date: 6/12/2017 10:30:00 AM

Lab ID: 1706A44-006 **Matrix:** SOIL **Received Date:** 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	QL Qual Units DF Dat		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	1200	75	mg/Kg	50	6/27/2017 5:38:41 Al	M 32485
Nitrogen, Nitrate (As N)	1.9	1.5	mg/Kg	5	6/26/2017 4:11:55 PI	M 32485
Sulfate	5100	75	mg/Kg	50	6/27/2017 5:38:41 AI	M 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 6 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW9

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-007
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	140	7.5	mg/Kg	5	6/26/2017 4:36:44 PM	Л 32485
Nitrogen, Nitrate (As N)	2.8	1.5	mg/Kg	5	6/26/2017 4:36:44 PM	Л 32485
Sulfate	5100	75	mg/Kg	50	6/27/2017 5:51:06 AM	Л 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 7 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: SW11

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-008
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	87	7.5	mg/Kg	5	6/26/2017 5:01:33 PM	1 32485
Nitrogen, Nitrate (As N)	3.1	1.5	mg/Kg	5	6/26/2017 5:01:33 PM	1 32485
Sulfate	5300	75	mg/Kg	50	6/27/2017 6:03:30 AM	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 8 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BH 2-3

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-009
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	3000	150	mg/Kg	100	6/27/2017 6:15:54 AM	32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 5:26:23 PM	32485
Sulfate	4100	150	mg/Kg	100	6/27/2017 6:15:54 AM	32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 9 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BH 2-5.5

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-010
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF :	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	2100	150	mg/Kg	100	6/27/2017 6:28:19 Af	M 32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 5:51:13 Pf	M 32485
Sulfate	7500	150	mg/Kg	100	6/27/2017 6:28:19 Af	M 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 10 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: BH 2-10

Project: Matador Paul 2nd **Collection Date:** 6/12/2017 10:30:00 AM

Lab ID: 1706A44-011 **Matrix:** SOIL **Received Date:** 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF 1	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	1200	150	mg/Kg	100	6/27/2017 9:08:03 AM	1 32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 6:40:51 PM	1 32485
Sulfate	6300	150	mg/Kg	100	6/27/2017 9:08:03 AM	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 11 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BH 4-1.5

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:30:00 AM

 Lab ID:
 1706A44-012
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	300	7.5	mg/Kg	5	6/26/2017 7:05:40 PN	1 32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 7:05:40 PN	1 32485
Sulfate	5600	75	mg/Kg	50	6/27/2017 9:20:27 AN	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 12 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-S

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-013
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	24	7.5	mg/Kg	5	6/26/2017 7:30:29 PM	1 32485
Nitrogen, Nitrate (As N)	6.3	1.5	mg/Kg	5	6/26/2017 7:30:29 PM	1 32485
Sulfate	4800	75	mg/Kg	50	6/27/2017 9:32:52 AM	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 13 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-1

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-014
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	1000	30	mg/Kg	20	6/26/2017 8:07:43 PM	1 32485
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 7:55:18 PM	1 32485
Sulfate	7700	150	mg/Kg	100	6/27/2017 9:45:17 AM	1 32485

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 14 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-2

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-015
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qual Units		DF :	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	3200	150	mg/Kg	100	6/27/2017 9:57:41 AM	32503
Nitrogen, Nitrate (As N)	1.5	1.5	mg/Kg	5	6/26/2017 9:09:47 PM	32503
Sulfate	10000	150	mg/Kg	100	6/27/2017 9:57:41 AM	32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 15 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-3

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-016
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qual Units		DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Ana	lyst: MRA
Chloride	4800	300	mg/Kg	200 6/27/2017 10:10:05	AM 32503
Nitrogen, Nitrate (As N)	1.6	1.5	mg/Kg	5 6/26/2017 9:59:26 F	PM 32503
Sulfate	7800	300	mg/Kg	200 6/27/2017 10:10:05	AM 32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 16 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-4

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-017
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qual Units		DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Ana	lyst: MRA
Chloride	4800	150	mg/Kg	100 6/27/2017 10:22:30	AM 32503
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5 6/26/2017 10:24:16	PM 32503
Sulfate	9500	150	mg/Kg	100 6/27/2017 10:22:30	AM 32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 17 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-6

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-018
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF I	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: MRA
Chloride	3500	150	mg/Kg	100	6/27/2017 10:34:55	AM 32503
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/26/2017 10:49:05	PM 32503
Sulfate	5300	150	mg/Kg	100	6/27/2017 10:34:55	AM 32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 18 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-8

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-019
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF D	ate Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	2400	150	mg/Kg	100 6	6/27/2017 10:47:20 <i>P</i>	M 32503
Nitrogen, Nitrate (As N)	1.6	1.5	mg/Kg	5 6	6/26/2017 11:38:45 F	M 32503
Sulfate	8300	150	mg/Kg	100 6	6/27/2017 10:47:20 <i>P</i>	M 32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 19 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-10

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-020
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF 1	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	/st: MRA
Chloride	2700	150	mg/Kg	100	6/27/2017 10:59:44	AM 32503
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/27/2017 12:03:34 /	AM 32503
Sulfate	7200	150	mg/Kg	100	6/27/2017 10:59:44	AM 32503

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 20 of 0
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: Souder, Miller & Associates Client Sample ID: BGC-12

 Project:
 Matador Paul 2nd
 Collection Date: 6/12/2017 10:45:00 AM

 Lab ID:
 1706A44-021
 Matrix: SOIL
 Received Date: 6/20/2017 10:15:00 AM

Analyses	Result	PQL Qu	al Units	DF I	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	/st: MRA
Chloride	1300	150	mg/Kg	100	6/27/2017 11:36:58	AM 32503
Nitrogen, Nitrate (As N)	ND	1.5	mg/Kg	5	6/27/2017 12:28:23	AM 32503
Sulfate	7100	150	mg/Kg	100	6/27/2017 11:36:58 /	AM 32503

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