

JUL 2 7 2006

July 26, 2006

Mr. Mike Bratcher OIL CONSERVATION DIVISION 1301 West Grand Avenue Artesia, NM 88210

Re: King Air, State No. 1: Notification of intent to Commence Drilling Pit Closure

Dear Mr. Bratcher:

Pursuant to your telephone conversation today with Cheryl Winkler, please be advised Marshall & Winston, Inc. intend to enact commencement of drilling pit closure on the King Air State No. 1 (API No. 30 015 34342) located in U/L P S16 T17S, R25E of Eddy County, New Mexico beginning July 26, 2006 as detailed in Form C-144 and the "Closure Plan" submitted to and approved by New Mexico, OCD during late February 2006.

One Call has been contacted. The contractor will begin mixing the pit at approximately 0700 hours on the morning of the  $26^{th}$ .

Thank you for your assistance in the above matter.

Sincerely,

Tom M. Brandt

Vice President Operations

TMB/sr

### NOTIFICATION OF DRILLING PIT CLOSURE/RECLAM KING AIR STATE NO. 1

#### API NO. 30-015-34342 U/L P S16 T17S, R25E

Marshall & Winston, Inc. herewith notifies the State of New Mexico, Oil Conservation Division (OCD) that it completed closure of the King Air State No. 1 drilling pit on August 22, 2006 pursuant to the requirements of New Mexico, OCD, Rule 50.

TNT Backhoe Service notified One Call prior to initiating and completing the *insitu* closure of the above-cited drilling pit. Permission to close was given by Eddy County, State of New Mexico, OCD and all notifications (see well file) were done according to schedule. Inclement weather lengthened the closure process at times but did not become a formidable issue.

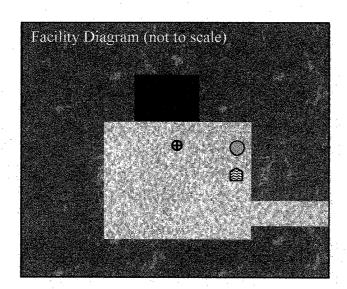
The King Air State No. 1 was reseeded on September 6th with BLM Seed Mixture No. 2 in addition to Black and Side Oats Gramma, Tall Blue Stem and Tabosa talleta, sp. either added or increased in the mixture at the request of the rancher. Due to the tremendous increase in precipitation this season, the reclaimed area on location is already showing significant growth (see King Air State No. 1 Reclamation photos).

Attached are the facility diagram, representative closure process photos and Trace Analysis, Inc. laboratory data for documentation purposes. All other pertinent information can be obtained from the C-144, the "Closure Plan" or other documents currently on file with NMOCD.

Tom Brandt, Vice President, Operations

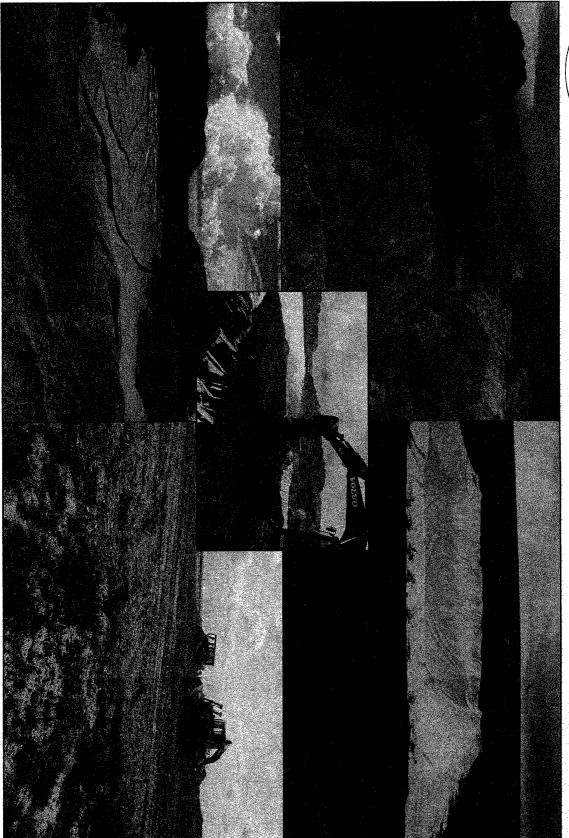
16-16-06 Date 18 19 20 21 22 23 28 ES

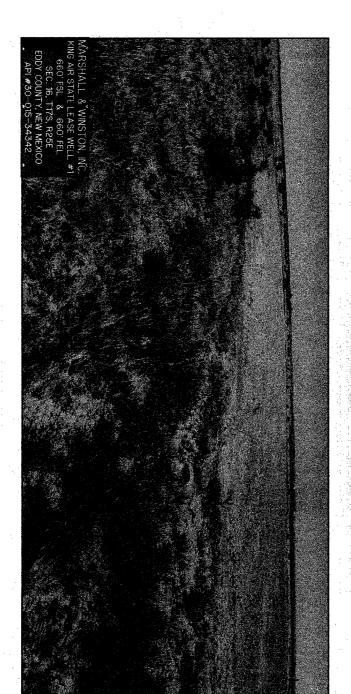
Enclosures: Photos, Lab Data





# King Air State No. 1 Closure

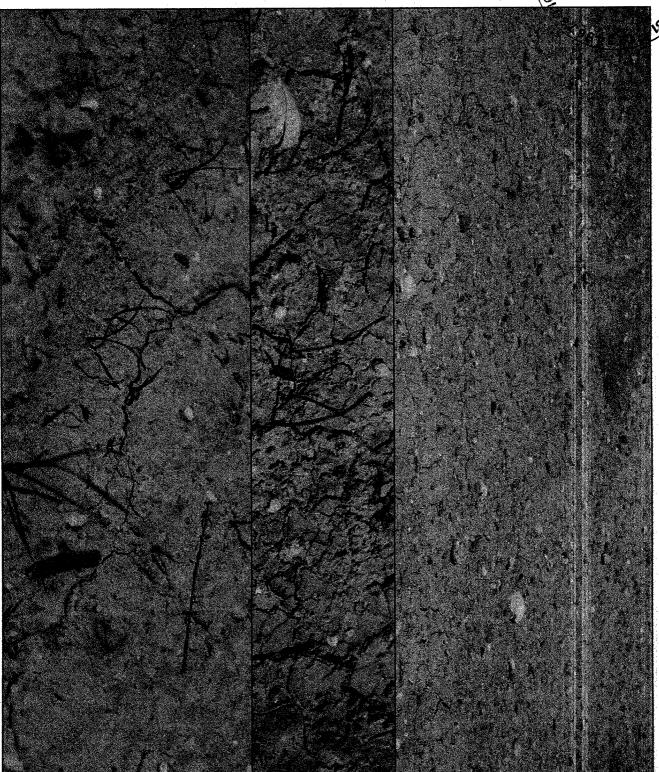


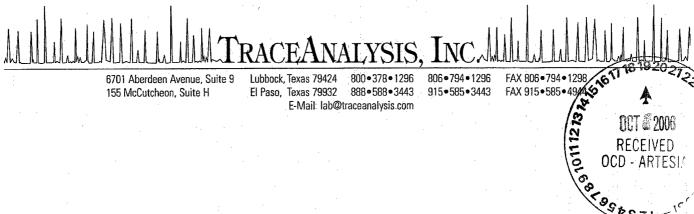




# KING AIR STATE NO.1 RECLAMATION

RECEIVED OCD - ARTESIA





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# **Analytical and Quality Control Report**

Cheryl Winkler Marshall & Winston Inc. P.O. Box 50880 Midland, Tx,

Report Date:

August 11, 2006

Work Order:

6081002



Project Name:

King Air State #1

Project Number: King Air State #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

30-015-34342

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
99221	KA East Floor/Wall Comp	soil	2006-08-08	17:00	2006-08-10
99222	KA West Floor/Wall Comp	soil	2006-08-08	17:05	2006-08-10
99223	KA South Floor/Wall Comp	soil	2006-08-08	17:20	2006-08-10
99224	KA North Floor/Wall Comp	soil	2006-08-08	17:50	2006-08-10
99225	KA Pit Middle Grab	soil	2006-08-08	17:55	2006-08-10

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis,

Dr. Blair Leftwich, Director

Report Date: August 11, 2006

King Air State #1

Work Order: 6081002 King Air State #1

Page Number: 2 of 4

## **Analytical Report**

#### Sample: 99221 - KA East Floor/Wall Comp

Analysis: OC Batch: 28878

Chloride (IC)

Prep Batch: 25242

Analytical Method:

Date Analyzed: Sample Preparation:

E 300.0 2006-08-10 Proceedings of the state of the state

Method: N/A halyzed By:

Prepared By:

2526

WB **WB** 

Parameter Flag Result Chloride 123

Flag

RL

Units Dilution RLmg/Kg 10 1.00

#### Sample: 99222 - KA West Floor/Wall Comp

Analysis:

Parameter

Chloride

Chloride (IC)

QC Batch: 28878 Prep Batch: 25242 Analytical Method:

Date Analyzed: Sample Preparation: 2006-08-10

E 300.0 2006-08-10

Units

mg/Kg

Prep Method: Analyzed By:

N/A WB

Prepared By: WB

Dilution RL

# Sample: 99223 - KA South Floor/Wall Comp

Analysis: QC Batch:

Chloride (IC)

28878 Prep Batch: 25242 Analytical Method: Date Analyzed:

Sample Preparation:

E 300.0 2006-08-10 2006-08-10 Prep Method: Analyzed By:

Prepared By:

N/A WB WB

**WB** 

1.00

RL

RL

78.8

Result

Parameter Flag Result Units Dilution RLChloride 5210 mg/Kg 500 1.00

#### Sample: 99224 - KA North Floor/Wall Comp

Analysis:

Chloride (IC) 28878

QC Batch: Prep Batch: 25242 Analytical Method: Date Analyzed:

Sample Preparation:

E 300.0 2006-08-10 2006-08-10 Prep Method: N/A Analyzed By: WB

Prepared By:

RL

Parameter Flag Result Units Dilution RLChloride 32.9 mg/Kg 1.00 5

#### Sample: 99225 - KA Pit Middle Grab

Analysis: QC Batch:

Prep Batch:

Chloride (IC) 28878

25242

Analytical Method: Date Analyzed: Sample Preparation:

E 300.0 2006-08-10 2006-08-10 Prep Method: N/A Analyzed By: WB

Prepared By: WB Report Date: August 11, 2006

King Air State #1

Work Order: 6081002 King Air State #1 Page Number: 3 of 4

		RL				
Parameter	Flag	Result	Units	Dilution		RL
Chloride		8020	mg/Kg	1617181920300		1.00
Matrix Blank (1)  QC Batch: 28878  Prep Batch: 25242	QC Batch: 28878	Date Analyzed: QC Preparation:	2006-08-10	OCT 2006  RECEIVED OCD - ARTESIA	Analyzed By: Prepared By:	WB WB
Parameter	Flag		MDL Lesult	Units		RL
Chloride		<0.	0222	mg/Kg		1: ::

#### **Laboratory Control Spike (LCS-1)**

QC Batch: 28878 Prep Batch: 25242 Date Analyzed: 2006-08-10 QC Preparation: 2006-08-10

Analyzed By: WB Prepared By: WB

LCS Spike Rec. Matrix Param Result Units Dil. Amount Result Limit Rec. 12.5 < 0.0222 90 - 110 Chloride 13.6 mg/Kg 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

		LCSD			Spike	Matrix		Rec.	RPD
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit RPD	Limit
Chloride	-	13.3	mg/Kg	1	12.5	< 0.0222	109	90 - 110 2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 99220

QC Batch: 28878 Prep Batch: 25242 Date Analyzed: 2006-08-10 QC Preparation: 2006-08-10

Analyzed By: WB Prepared By: WB

MS Spike Rec. Matrix Param Units Dil. Result Amount Result Rec. Limit Chloride 217 mg/Kg 12.5 149 109 15.3 - 175

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD -	Limit
Chloride	220	mg/Kg	5	12.5	149	114	15.3 - 175	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 28878

Date Analyzed: 2006-08-10

Report Date: August 11, 2006 King Air State #1

Work Order: 6081002 King Air State #1

Page Number: 4 of 4

					•		
			ICVs	<b>ICVs</b>	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	12.1	97	90 - 110	2006-08-10

Standard (CCV-1)

QC Batch: 28878

Date Analyzed: 2006-08-10

			CCVs	CCVs	CCVs	Percent	
		•	True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	12.4	99	90 - 110	2006-08-10



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# **Analytical and Quality Control Report**

E-Mail lab@traceanalysis.com

Cheryl Winkler Marshall & Winston Inc. P.O. Box 50880 Midland, Tx, 79710

Report Date: August 21, 2006

Work Order:

6082107

Project Name:

King Air State #1

Project Number: King Air State #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

30-015-34342

	•		Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
100706	Pit Mid Outer Horseshoe	soil	2006-08-17	11:30	2006-08-19

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Dr. Blair Leftwich, Director

Report Date: August 21, 2006

King Air State #1

Work Order: 6082107 King Air State #1

Page Number: 2 of 4

# **Analytical Repor**

#### Sample: 100706 - Pit Mid Outer Horseshoe

Analysis:

Chloride (IC)

QC Batch: Prep Batch: 29271

25558

Analytical Method:

Sample Preparation:

Date Analyzed:

E 300.0

2006-08-21

2006-08-21

Prep Method: N/A

Analyzed By: WB

Prepared By: WB

RL

Parameter Chloride

Result 86.0

Units mg/Kg Dilution

RL1.00

Matrix Blank (1)

OC Batch: 29271

Flag

QC Batch:

Date Analyzed:

2006-08-21

Analyzed By:

WB

Prep Batch:

25558

QC Preparation:

2006-08-21

Prepared By:

**MDL** 

Parameter Chloride

Flag Result 1.77

Units mg/Kg RL

#### **Laboratory Control Spike (LCS-1)**

QC Batch:

29271

Date Analyzed:

2006-08-21

Analyzed By:

WB

Prep Batch: 25558

QC Preparation:

2006-08-21

Prepared By:

WB

Matrix

Rec.

Param Chloride Result Units 13.8 mg/Kg Dil.

Amount 12.5

Spike

Result 1.77

Rec. 96

Limit 90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

LCS

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	14.4	mg/Kg	1	12.5	1.77	96	90 - 110	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1)

Spiked Sample: 100706

QC Batch:

29271

Date Analyzed:

2006-08-21

Analyzed By:

Prep Batch: 25558

QC Preparation:

2006-08-21

Prepared By:

WBWB

	MS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	222	ma/Ka	10	12.5	86	100	15 3 175

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Report Date: August 21, 2006

King Air State #1

Work Order: 6082107 King Air State #1 Page Number: 3 of 4

	MSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	222	mg/Kg	10	12.5	86	109	15.3 - 175	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

#### Standard (ICV-1)

QC Batch: 29271

Date Analyzed: 2006-08-21

Analyzed By: WB

			ICVs	ICVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	12.9	103	90 - 110	2006-08-21

#### Standard (CCV-1)

QC Batch: 29271

Date Analyzed: 2006-08-21

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	13.0	104	90 - 110	2006-08-21



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Report Date: August 21, 2006

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OCD - ARTESIA Rege Number: 4 of 4 King Air State #1 King Air State #1 Turn Around Time if different from standard CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 641 1690130882 No. Dry Weight Basis Required Check If Special Reporting Limits Are Needed or Specify Method TRRP Report Required Moisture Content 108210 ANALYSIS REQUEST BOD, TSS, pH Pesticides 8081A / 608 PCB's 8082 / 608 GC/MS Seml, Vol. 8270C / 625 GC/W2 A9F 8560B / 624 LAB Order ID # Carrier# 15 rece ho. La. TCLP Pesticides TCLP Semi Volatiles Circle TCLP Volatiles TCLP Metals Ag As Ba Cd Cr Pb Se Hg LAB USE Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 PAH 8270C / 625 Log-in-Review TPH 8015 GRO / DRO / TVHC TPH 418.1 / TX1005 / TX1005 Ext(C35) BTEX 8021B / 602 / 8260B / 624 8021B / 602 / 82608 / 624 **BRTM** SAMPLING TIME 155 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 **DATE** Time; NONE PRESERVATIVE METHOD ICE side of C. O. Date: NaOH Date: PSOS, FraceAnalysis, Inc.  $HNO^3$ HCI SCUDGE MATRIX ЯIA SOIL **ABTAW** Received by: Received by: Volume / Amount Submittal of samples constitutes agreement to Terms and # CONTAINERS Time: FIELD CODE Date: Date: Date: email: lab@traceanalysis.cor different from above) Relinquished by: Relinquished by: Relinquished by: 100 704

Work Order: 6082107

Work Order: 6082107

King Air State #1



# **Summary Report**

Cheryl Winkler Marshall & Winston Inc. P.O. Box 50880 Midland, Tx, 79710

Report Date: August 21, 2006

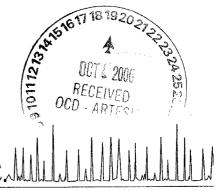
Work Order: 60821

Project Name: King Air State #1

			Date	$\operatorname{Time}$	Date
Sample	Description	Matrix	Taken	Taken	Received
100706	Pit Mid Outer Horseshoe	soil	2006-08-17	11:30	2006-08-19

#### Sample: 100706 - Pit Mid Outer Horseshoe

Param	Flag	Result	Units	RL
Chloride		86.0	m mg/Kg	1.00



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# **Analytical and Quality Control Report**

E-Mail lab@traceanalysis.com

Cheryl Winkler Marshall & Winston Inc. P.O. Box 50880 Midland, Tx,

Report Date:

August 18, 2006

Work Order:

6081704



Project Name:

King Air State #1

Project Number: King Air State #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	rime	Date
Sample	Description	Matrix	Taken	Taken	Received
100401	KA Outer Horshoe E	soil	2006-08-16	11:00	2006-08-17
100402	KA Outer Horshoe N	soil	2006-08-16	11:10	2006-08-17
100403	KA Outer Horshoe S & W	soil	2006-08-16	11:25	2006-08-17
100404	KA Outer Horshoe Middle	soil	2006-08-16	12:00	2006-08-17

30-015-34342

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

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Michael april

Dr. Blair Leftwich, Director

Report Date: August 18, 2006

King Air State #1

Work Order: 6081704 King Air State #1

Page Number: 2 of 5

**Analytical Repor** 

Sample: 100401 - KA Outer Horshoe E

Analysis:

Chloride (IC)

OC Batch:

29165

Prep Batch: 25469

Analytical Method:

Date Analyzed:

E 300 9

Sample Preparation:

2006-08-17 2006-08

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Prep Method: Analyzed By: WB

Prepared By:

WB

RL

Parameter Flag Chloride

Result 42.9

153426 Units mg/Kg

Dilution 10 RL

1.00

N/A

Sample: 100402 - KA Outer Horshoe N

Analysis: OC Batch: Chloride (IC)

Prep Batch:

25469

29165

Analytical Method: Date Analyzed:

Sample Preparation:

E 300.0

2006-08-17 2006-08-17 Prep Method: N/A

Analyzed By: WB

Prepared By:

WB

RL

Parameter Chloride

Flag

Flag

Result 17.9

Units mg/Kg Dilution 5

Dilution

RL

1.00

Sample: 100403 - KA Outer Horshoe S & W

Analysis: QC Batch:

Parameter

Chloride

Prep Batch:

Chloride (IC)

29165

25469

Analytical Method: Date Analyzed:

RL

Result

16.1

Sample Preparation:

E 300.0

2006-08-17

2006-08-17

Units

mg/Kg

Prep Method: N/A

Analyzed By: **WB** 

Prepared By:

RL

1.00

WB

Sample: 100404 - KA Outer Horshoe Middle

Analysis:

Prep Batch:

Chloride (IC)

QC Batch:

29165

25469

Analytical Method: Date Analyzed:

E 300.0

2006-08-17 2006-08-17 Prep Method:

Analyzed By: WB

Prepared By:

WB

Sample Preparation:

Parameter Chloride

Flag

RL Result 960 Units

mg/Kg

Dilution 50

RL

1.00

N/A

Matrix Blank (1)

QC Batch: 29165

QC Batch: Prep Batch:

29165 25469

Date Analyzed: QC Preparation:

2006-08-17 2006-08-17 Analyzed By:

WB

Prepared By:

WB

Report Date: August 18, 2006

King Air State #1

Work Order: 6081704 King Air State #1

Page Number: 3 of 5

**MDL** Parameter Flag Result Units RL< 0.0222 Chloride

#### Laboratory Control Spike (LCS-1)

QC Batch: Prep Batch:

29165 25469 Date Analyzed: QC Preparation:

2006-08-17 2006-08-17 OCD - ARTESIA

Chalyzed By: WB Prepared By: WB

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	13.4	mg/Kg	1	12.5	< 0.0222	107	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCSD			Spike	Matrix		Rec.	RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD Limit
Chloride	13.3	mg/Kg	1	12.5	< 0.0222	107	90 - 110	0 20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

#### Matrix Spike (MS-1) Spiked Sample: 100404

QC Batch: Prep Batch: 29165 25469 Date Analyzed: QC Preparation:

2006-08-17 2006-08-17 Analyzed By:

Prepared By: WB

MS Spike Matrix Rec. Param Result Units Dil. Amount Result Rec. Limit Chloride 1580 mg/Kg 50 12.5 960 99 15.3 - 175

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD			Spike	Matrix		Rec.	RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD Limit
Chloride	1600	mg/Kg	50	12.5	960	102	15.3 - 175	1 20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

#### Standard (ICV-1)

QC Batch: 29165

Date Analyzed: 2006-08-17

Analyzed By: WB

			<b>ICVs</b>	<b>ICVs</b>	<b>ICVs</b>	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	11.8	94	90 - 110	2006-08-17

#### Standard (CCV-1)

QC Batch: 29165

Date Analyzed: 2006-08-17

Report Date: August 18, 2006 King Air State #1

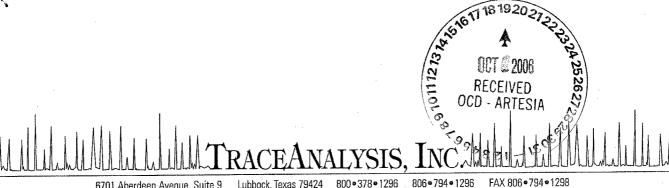
Work O	rder:	60817	04
King	Air S	tate #1	

			CCVs	CCVs	CCVs	Percent	_
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	12.5	12.2	98	90 - 110	2006-08-17



Page Number: 4 of 5

2 DCT 2006
RECEIVED Work Order: 6081704 Report Date: August 18, 2006 King Air State #1 King Air State #1 Turn Around Time if different from standard CHAIN-OF-CUSTODY AND ANALYSIS REQUEST or Specify Method No. Check If Special Reporting Limits Are Needed TRRP Report Required **ANALYSIS REQUEST** Moisture Content 408170 Hq ,SST ,GO8 Pesticides 8081A / 608 PCB's 8082 / 608  $\sum_{i=1}^{n}$ GC/MS Semi: Vol. 8270C / 625 REMARKS GC/W2 A91 8560B / 624 RCI Ĺ LAB Order ID # TCLP Pesticides TCLP Semi Volatiles Circle TCLP Volatiles TCLP Metals Ag As Ba Cd Cr Pb Se Hg LAB USE Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 ONLY PAH 8270C / 625 Log-in-Revie TPH 8015 GRO / DRO / TVHC TPH 418.1 / TX1005 / TX1005 Ext(C35) BTEX 8021B / 602 / 8260B / 624 \$021B \ 602 \ 8260B \ 624 \ \& \& TIME thrandta mar-win , com 155 McCutcheon, Suite H El Paso, Texas 79932 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 **3TA Q** Time: 3 NONE PRESERVATIVE METHOD ICE NaOH Date: Date L2SO, 79710-08BD HNO<sup>3</sup> TraceAnalysis, Inc НСІ STADGE Submittal of samples constitutes agreement to Terms and Conditions listed on Received at Laboratory ЯIА TIOS **A**3TAW Received by: Received by finomA \ emuloV # CONTAINERS MIS. Sid on Time: Time: Ninstan. STATE Date: Date: Date: 4 1 (800) 378-1296 email: fab@traceanalysis.com (If different from above) 3 Relinquished by: Relinquished by: Refinquished by: voice to: LAB USE) 101401 0 8 70



E-Mail lab@traceanalysis.com

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# **Analytical and Quality Control Report**

Cheryl Winkler Marshall & Winston Inc.

P.O. Box 50880 Midland, Tx,

Report Date: August 14, 2006

Work Order:

6081405

30-015-34342

Project Name:

King Air State #1

Project Number:

King Air State #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
99750	Resample KA S @ 19'	soil	2006-08-10	17:40	2006-08-12
99751	Resample KA Middle @ 19'	soil	2006-08-10	17:50	2006-08-12
99752	Resample KA W @ 19'	soil	2006-08-10	18:00	2006-08-12

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Michael ale

Dr. Blair Leftwich, Director

Report Date: August 14, 2006

King Air State #1

Work Order: 6081405 King Air State #1

# **Analytical Report**

Sample: 99750 - Resample KAS @ 19'

Analysis:

Chloride (Titration)

QC Batch:

28990

Prep Batch: 25342 Analytical Method:

Date Analyzed:

Sample Preparation:

SM 4500-CI BO OCD - ART 106-08-14

Prep/Method: N/A Apalyzed By: WB

Page Number: 2 of 3

Prepared By: WB

RL

Parameter Chloride

Flag

Result 46.5

mg/L

RL 2.00

N/A

Sample: 99751 - Resample KA Middle @ 19'

Analysis: QC Batch:

Prep Batch:

Chloride (Titration)

28990 25342

Analytical Method:

Date Analyzed: Sample Preparation:

SM 4500-Cl B 2006-08-14 2006-08-14

Prep Method: Analyzed By:

WB Prepared By: WB

RL

Parameter Flag Chloride

Result 38.9 Units mg/L Dilution

RL

2.00

Sample: 99752 - Resample KA W @ 19'

Analysis:

Chloride (Titration)

QC Batch: Prep Batch:

Parameter

28990 25342

Analytical Method: Date Analyzed:

SM 4500-C1 B 2006-08-14

Prep Method: Analyzed By:

N/A WB

Flag

Sample Preparation:

2006-08-14

Prepared By: WB

RL

Chloride

Result

15.8

Units mg/L Dilution

RL2.00

Method Blank (1) QC Batch: 28990

QC Batch:

28990

Prep Batch: 25342

Date Analyzed:

2006-08-14

Analyzed By:

WB

RL

2

Flag

QC Preparation:

2006-08-14

Prepared By: **WB** 

MDL

Parameter Result Units Chloride 0.00 mg/L

Laboratory Control Spike (LCS-1)

QC Batch:

Prep Batch: 25342

28990

Date Analyzed: QC Preparation:

2006-08-14

2006-08-14

Analyzed By:

WB

Prepared By:

**WB** 

Report Date: August 14, 2006

King Air State #1

Work Order: 6081405 King Air State #1

OCD - ARTESIA

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•	LCS		-	Spike Spike Vering				
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	
Chloride	100	mg/L	1	100	0	100	85 - 115	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	LCSD		Spike	Matrix		Rec.		RPD
Param	Result	Units Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	100	mg/L 1	100	0	100	85 - 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1)

Spiked Sample: 99752

QC Batch:

28990

Date Analyzed:

2006-08-14

Analyzed By: WB

Prep Batch: 25342

QC Preparation: 2006-08-14

Prepared By:

WB

	MS	4		Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	129	mg/L	1	100	15.8	113	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD		Spike	Matrix		Rec.		RPD
Param	Result	Units Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	130	mg/L 1	100	1,5.8	114	70 - 130	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 28990

Date Analyzed: 2006-08-14

Analyzed By: WB

			ICVs	ICVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/L	100	99.4	99	85 - 115	2006-08-14

Standard (CCV-1)

QC Batch: 28990

Date Analyzed: 2006-08-14

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/L	100	101	101	85 - 115	2006-08-14