Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: CHAAP_EQAPP_20180320**

280-155295-1_52_2a_Brice_CornhuskerAAP

Method Category: GENCHEM

Method: 353.2 **Matrix: Water**

Sample ID: G0121-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITROGEN, NITRATE-NITRITE	0.034	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Sample ID: G0122-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITROGEN, NITRATE-NITRITE	0.024	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Sample ID: G0123-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NITROGEN, NITRATE-NITRITE	0.020	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Method Category: GENCHEM

Method: 9034 **Matrix: Water**

Sample ID: G0094-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	2.4	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0096-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	2.4	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0102-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	1.6	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0111-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: CHAAP_EQAPP_20180320**

280-155295-1_52_2a_Brice_CornhuskerAAP

Method Category: GENCHEM

Method: 9034 **Matrix: Water**

Sample ID: G0121-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	2.0	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0122-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0123-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	2.0	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: G0296-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	1.6	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: PZ020-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFIDE	3.2	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Method Category: GENCHEM

Method: 9056A **Matrix: Water**

Sample ID: G0311-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 5

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFATE	400	J1 D	13	LOD	25	LOQ	mg/L	J	Ms

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: CHAAP_EQAPP_20180320**

280-155295-1_52_2a_Brice_CornhuskerAAP

Method Category: GENCHEM

Method: 9060A **Matrix: Water**

Sample ID: G0122-7 **Collected:** AM **Analysis Type:** Initial/DIS **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Dissolved Organic Carbon	40	J1	0.80	LOD	1.0	LOQ	mg/L	J	Ms

Method Category: SVOA

Method: 8330A **Matrix: Water**

Sample ID: G0022-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2,4,6-TRINITROTOLUENE	0.19	J1	0.10	LOD	0.11	LOQ	ug/L	J	ProfJudg

Sample ID: G0094-7 **Collected:** PM **Analysis Type:** Dilution-1/TOT **Dilution:** 5

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
4-AMINO-2,6-DINITROTOLUENE	31	D	0.61	LOD	0.76	LOQ	ug/L	J	Surr

Sample ID: G0094-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.25		0.10	LOD	0.11	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.081	U	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.081	U	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	25		0.10	LOD	0.11	LOQ	ug/L	J	Surr
2-NITROTOLUENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
3-NITROTOLUENE	0.40	U	0.40	LOD	0.40	LOQ	ug/L	UJ	Surr
4-NITROTOLUENE	0.40	U	0.40	LOD	0.41	LOQ	ug/L	UJ	Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.40	U M	0.40	LOD	2.0	LOQ	ug/L	UJ	Surr
HMX	0.20	U M	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
RDX	8.6	M	0.20	LOD	0.21	LOQ	ug/L	J	Surr
Tetryl	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1 **Laboratory: TAL DEN**

EDD Filename:
280-155295-1_52_2a_Brice_CornhuskerAAP **eQAPP Name: CHAAP_EQAPP_20180320**

Method Category: **SVOA**

Method: **8330A** ***Matrix:*** **Water**

Sample ID: **G0096-7** ***Collected:*** **PM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.10	U	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.081	U	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
3-NITROTOLUENE	0.40	U	0.40	LOD	0.40	LOQ	ug/L	UJ	Surr
4-AMINO-2,6-DINITROTOLUENE	0.12	U M Q	0.12	LOD	0.15	LOQ	ug/L	UJ	Surr
4-NITROTOLUENE	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.40	U	0.40	LOD	2.0	LOQ	ug/L	UJ	Surr
HMX	9.7	M	0.20	LOD	0.21	LOQ	ug/L	J	Surr
NITROBENZENE	0.20	U M	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
RDX	18	M J1	0.20	LOD	0.21	LOQ	ug/L	J	Surr, ProfJudg
Tetryl	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID: **G0122-7** ***Collected:*** **AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.10	U Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.082	U Q	0.082	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.082	U Q	0.082	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.10	U M Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
3-NITROTOLUENE	0.41	U M Q	0.41	LOD	0.41	LOQ	ug/L	UJ	Surr
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	Surr
4-NITROTOLUENE	0.41	U M Q	0.41	LOD	0.42	LOQ	ug/L	UJ	Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.41	U	0.41	LOD	2.1	LOQ	ug/L	UJ	Surr
HMX	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.21	U M Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
RDX	0.21	U M Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1 **Laboratory: TAL DEN**

EDD Filename: **eQAPP Name: CHAAP_EQAPP_20180320**

280-155295-1_52_2a_Brice_CornhuskerAAP

Method Category: SVOA

Method: 8330A **Matrix:** Water

Sample ID: G0122-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Tetryl	0.10	U M Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID: G0123-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
RDX	1.3	M J1	0.20	LOD	0.21	LOQ	ug/L	J	ProfJudg

Sample ID: G0296-7 **Collected:** AM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,3,5-TRINITROBENZENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.10	U	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.081	U	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.20	U	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
3-NITROTOLUENE	0.40	U	0.40	LOD	0.40	LOQ	ug/L	UJ	Surr
4-AMINO-2,6-DINITROTOLUENE	0.11	J J1	0.12	LOD	0.15	LOQ	ug/L	J	RI, Surr, ProfJudg
4-NITROTOLUENE	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.40	U	0.40	LOD	2.0	LOQ	ug/L	UJ	Surr
HMX	10	M	0.20	LOD	0.21	LOQ	ug/L	J	Surr
NITROBENZENE	0.20	U M	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
RDX	20	M J1	0.20	LOD	0.21	LOQ	ug/L	J	Surr, ProfJudg
Tetryl	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID: PZ020-7 **Collected:** PM **Analysis Type:** Initial/TOT **Dilution:** 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2,4-DINITROTOLUENE	0.083	J	0.081	LOD	0.10	LOQ	ug/L	U	Mb
RDX	0.62	J1	0.20	LOD	0.21	LOQ	ug/L	J	ProfJudg

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1

Laboratory: TAL DEN

EDD Filename:
280-155295-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category: **VOA**

Method: **RSK-175** ***Matrix:*** **Water**

Sample ID: **G0122-7** ***Collected:*** **AM** ***Analysis Type:*** **Initial/TOT** ***Dilution:*** **1**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
METHANE	17		0.0013	LOD	0.0050	LOQ	mg/L	J	StoL

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Project Name and Number: Unknown - Unknown

Data Qualifier Summary

Lab Reporting Batch ID: 280-155295-1

Laboratory: TAL DEN

EDD Filename:
280-155295-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Reason Code Legend

Reason Code	*Description*
Lcs	Laboratory Control Spike Upper Estimation
Mb	Method Blank Contamination
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Upper Estimation
ProfJudg	Professional Judgment
RI	Reporting Limit Trace Value
StoL	Sampling to Leaching Estimation
Surr	Surrogate/Tracer Recovery Lower Estimation

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown