



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM									
Method:	350.1	Matrix: Water								

Sample ID: G0022-21A	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	
AMMONIA AS N	0.039	J	0.050	LOD	0.10	LOQ	mg/L	U	Mb	

Method Category:	GENCHEM									
Method:	351.2	Matrix: Water								

Sample ID: G0084-21A	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	
Nitrogen, Total Kjeldahl	0.97	J	1.0	LOD	1.0	LOQ	mg/L	J	RI	

Sample ID: G0096-21A	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, Total Kjeldahl	6.1		1.0	LOD	1.0	LOQ	mg/L	J	Fd	

Sample ID: G0296-21A	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, Total Kjeldahl	3.9		1.0	LOD	1.0	LOQ	mg/L	J	Fd	

Sample ID: PZ019-21A	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	
Nitrogen, Total Kjeldahl	1.0	U J1	1.0	LOD	1.0	LOQ	mg/L	UJ	Ms	

Method Category:	GENCHEM									
Method:	353.2	Matrix: Water								

Sample ID: G0096-21A	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	6.8	J1	0.050	LOD	0.10	LOQ	mg/L	J	Ms	

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM									
Method:	353.2	Matrix: Water								

Sample ID: PZ019-21A	Collected: PM			Analysis Type: Initial/TOT				Dilution: 10		
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code	
NITROGEN, NITRATE-NITRITE	36	J1	0.50	LOD	1.0	LOQ	mg/L	J	Ms	

Method Category:	GENCHEM									
Method:	9034	Matrix: Water								

Sample ID: G0022-21A	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: G0084-21A	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	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI	

Sample ID: G0087-21A	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	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI	

Sample ID: G0094-21A	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: G0096-21A	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: G0296-21A	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: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM	
Method:	9034	Matrix: Water

Sample ID: NW021-21A	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: NW022-21A	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: NW023-21A	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: PZ005-21A	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	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Sample ID: PZ019-21A	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	0.80	J	1.9	LOD	4.0	LOQ	mg/L	J	RI

Method Category:	GENCHEM	
Method:	SM2320B	Matrix: Water

Sample ID: G0296-21A	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
ALKALINITY, TOTAL	530	H	6.4	LOD	10	LOQ	mg/L	J	StoA

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID:G0022-21A 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
2-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.39	U Q	0.39	LOD	0.39	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.39	U Q	0.39	LOD	0.40	LOQ	ug/L	UJ	Lcs

Sample ID:G0084-21A 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-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.40	U Q	0.40	LOD	0.40	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.40	U M Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs

Sample ID:G0087-21A 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-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.40	U Q	0.40	LOD	0.40	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs

Sample ID:G0094-21A Collected:AM Analysis Type:Dilution-1/TOT Dilution: 5

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2-AMINO-4,6-DINITROTOLUENE	35	D Q	0.51	LOD	0.56	LOQ	ug/L	J	Surr
4-AMINO-2,6-DINITROTOLUENE	39	D Q	0.61	LOD	0.76	LOQ	ug/L	J	Surr

Sample ID:G0094-21A 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 Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	19		0.10	LOD	0.11	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.081	U M	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-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.41	U Q	0.41	LOD	0.41	LOQ	ug/L	UJ	Lcs, Surr

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID:G0094-21A 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
4-NITROTOLUENE	0.41	U Q	0.41	LOD	0.42	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.41	U M	0.41	LOD	2.0	LOQ	ug/L	UJ	Surr
HMX	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
NITROBENZENE	15	J1	0.20	LOD	0.21	LOQ	ug/L	J	Surr, ProfJudg
RDX	8.1	M	0.20	LOD	0.21	LOQ	ug/L	J	Surr
Tetryl	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID:G0096-21A Collected:AM Analysis Type:Dilution-1/TOT Dilution: 10

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
HMX	39	D M Q	2.0	LOD	2.1	LOQ	ug/L	J	Surr
RDX	58	D M Q	2.0	LOD	2.1	LOQ	ug/L	J	Surr

Sample ID:G0096-21A 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 M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.099	U M	0.099	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.38	M Q	0.099	LOD	0.11	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.079	U	0.079	LOD	0.099	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.079	U Q	0.079	LOD	0.099	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	1.1	M Q	0.099	LOD	0.11	LOQ	ug/L	J	Surr
2-NITROTOLUENE	0.20	U Q M	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.40	U Q	0.40	LOD	0.40	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	1.7	M Q J1	0.12	LOD	0.15	LOQ	ug/L	J	Surr, ProfJudg, Fd
4-NITROTOLUENE	0.40	U M Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs, 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, ProfJudg
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
Tetryl	0.099	U M Q	0.099	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: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID:G0296-21A Collected:AM Analysis Type:Dilution-1/TOT Dilution: 10

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
HMX	35	D M Q	2.0	LOD	2.1	LOQ	ug/L	J	Surr
RDX	52	D M Q	2.0	LOD	2.1	LOQ	ug/L	J	Surr

Sample ID:G0296-21A 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 M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.099	U M	0.099	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.22	Q	0.099	LOD	0.11	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.079	U M Q	0.079	LOD	0.099	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.079	U Q	0.079	LOD	0.099	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.93	Q J1	0.099	LOD	0.11	LOQ	ug/L	J	Surr, ProfJudg
2-NITROTOLUENE	0.20	U M	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.31	J Q M	0.39	LOD	0.39	LOQ	ug/L	J	RI, Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.12	U M	0.12	LOD	0.15	LOQ	ug/L	UJ	Surr, Fd
4-NITROTOLUENE	0.39	U M Q	0.39	LOD	0.40	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.39	U M	0.39	LOD	2.0	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
Tetryl	0.099	U M Q	0.099	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID:NW020-21A 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
2-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.41	U Q	0.41	LOD	0.41	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.41	U Q	0.41	LOD	0.42	LOQ	ug/L	UJ	Lcs

Sample ID:NW021-21A 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
2-NITROTOLUENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.42	U Q	0.42	LOD	0.42	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	Lcs
RDX	0.13	J M	0.21	LOD	0.22	LOQ	ug/L	J	RI

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID: NW022-21A 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
2-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.41	U Q	0.41	LOD	0.41	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.41	U Q	0.41	LOD	0.42	LOQ	ug/L	UJ	Lcs

Sample ID: NW023-21A 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
2-NITROTOLUENE	0.20	U Q	0.20	LOD	0.20	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.39	U Q	0.39	LOD	0.39	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.39	U Q	0.39	LOD	0.40	LOQ	ug/L	UJ	Lcs

Sample ID: PZ005-21A 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-NITROTOLUENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.40	U Q	0.40	LOD	0.40	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.40	U Q	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs

Sample ID: PZ019-21A 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-AMINO-4,6-DINITROTOLUENE	0.10	U J1	0.10	LOD	0.11	LOQ	ug/L	UJ	Ms
2-NITROTOLUENE	0.20	U Q J1	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Ms
3-NITROTOLUENE	0.41	U Q J1	0.41	LOD	0.41	LOQ	ug/L	UJ	Lcs, Ms
4-NITROTOLUENE	0.41	U Q J1	0.41	LOD	0.42	LOQ	ug/L	UJ	Lcs, Ms

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



Data Qualifier Summary

Lab Reporting Batch ID: 280-149049-1

Laboratory: TAL DEN

EDD Filename:
280-149049-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
Fd	Field Duplicate Precision
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Upper Estimation
Mb	Method Blank Contamination
Ms	Matrix Spike Lower Estimation
Ms	Matrix Spike Precision
ProfJudg	Professional Judgment
RI	Reporting Limit Trace Value
StoA	Sampling to Analysis Estimation
Surr	Surrogate/Tracer Recovery Lower Estimation
Surr	Surrogate/Tracer Recovery Upper Estimation
Surr	Surrogate/Tracer Recovery Upper Rejection

* denotes a non-reportable result

Project Name and Number: Unknown - Unknown