



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	GENCHEM									
<b>Method:</b>	353.2	<b>Matrix:</b> Water								

Sample ID:EW7-PM27B-6-35 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, NITRATE-NITRITE	0.044	J	0.050	LOD	0.10	LOQ	mg/L	U	Mb

Sample ID:EW7-PM28A-6-25 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	0.057	J	0.050	LOD	0.10	LOQ	mg/L	U	Mb

<b>Method Category:</b>	GENCHEM									
<b>Method:</b>	9034	<b>Matrix:</b> Water								

Sample ID:EW7-PM24A-6-25 Collected:6/5/2021 1:45:00 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

<b>Method Category:</b>	GENCHEM									
<b>Method:</b>	9056A	<b>Matrix:</b> Water								

Sample ID:EW7-PM24A-6-25 Collected:6/5/2021 1:45:00 PM Analysis Type:Initial/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFATE	2.3	J	2.5	LOD	5.0	LOQ	mg/L	J	RI

Sample ID:EW7-PM27B-6-35 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
SULFATE	3.1	J	2.5	LOD	5.0	LOQ	mg/L	J	RI

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	SVOA
<b>Method:</b>	8330A
<b>Matrix:</b>	Water

Sample ID:EW7-PM21A-6-25

Collected:6/5/2021 3:15:00 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	15	Q	0.20	LOD	0.21	LOQ	ug/L	J	Surr
1,3-DINITROBENZENE	0.10	U	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	8.3	Q	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 Q	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	4.0	Q	0.10	LOD	0.11	LOQ	ug/L	J	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
4-AMINO-2,6-DINITROTOLUENE	3.4	Q J1	0.12	LOD	0.15	LOQ	ug/L	J	Surr, ProfJudg
4-NITROTOLUENE	0.41	U M 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 Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
Tetryl	0.10	U M Q	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID:EW7-PM24A-6-25

Collected:6/5/2021 1:45:00 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 M Q	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	0.25	Q M J1	0.10	LOD	0.11	LOQ	ug/L	J	Surr, ProfJudg
2,4-DINITROTOLUENE	0.080	U Q	0.080	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.080	U Q	0.080	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.20	Q M J1	0.10	LOD	0.11	LOQ	ug/L	J	Surr, ProfJudg
2-NITROTOLUENE	0.20	U Q	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	0.17	Q M J1	0.12	LOD	0.15	LOQ	ug/L	J	Surr, ProfJudg
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
HMX	0.20	U Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	SVOA
<b>Method:</b>	8330A
<b>Matrix:</b>	Water

Sample ID:EW7-PM24A-6-25 Collected:6/5/2021 1:45:00 PM 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:EW7-PM27B-6-35 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	0.19	U M Q	0.19	LOD	0.20	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.097	U Q	0.097	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.097	U Q	0.097	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.078	U Q	0.078	LOD	0.097	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.078	U M Q	0.078	LOD	0.097	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.097	U Q	0.097	LOD	0.11	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.19	U Q	0.19	LOD	0.20	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.39	U Q	0.39	LOD	0.39	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.12	U Q	0.12	LOD	0.15	LOQ	ug/L	UJ	Surr
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	1.9	LOQ	ug/L	UJ	Surr
HMX	0.19	U Q	0.19	LOD	0.20	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.19	U M Q	0.19	LOD	0.20	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.19	U Q	0.19	LOD	0.20	LOQ	ug/L	UJ	Surr
Tetryl	0.097	U M Q	0.097	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID:EW7-PM28A-6-25 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	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	0.10	U	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.081	U	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.081	U Q	0.081	LOD	0.10	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.10	U	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.20	U M 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
4-AMINO-2,6-DINITROTOLUENE	0.12	U	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	Lcs, Surr

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	SVOA	
<b>Method:</b>	8330A	<b>Matrix:</b> Water

Sample ID:EW7-PM28A-6-25 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
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	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.20	U M Q	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.20	U M	0.20	LOD	0.21	LOQ	ug/L	UJ	Surr
Tetryl	0.10	U M	0.10	LOD	0.11	LOQ	ug/L	UJ	Surr

Sample ID:WATER-WC-Q6-JUN21 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	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.11	U M	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.087	U Q	0.087	LOD	0.11	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.087	U M Q	0.087	LOD	0.11	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2-NITROTOLUENE	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.44	U Q	0.44	LOD	0.44	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.13	U M Q	0.13	LOD	0.16	LOQ	ug/L	UJ	Surr
4-NITROTOLUENE	0.44	U M Q	0.44	LOD	0.45	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.44	U M	0.44	LOD	2.2	LOQ	ug/L	UJ	Surr
HMX	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Lcs, Surr
RDX	0.22	U M Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Surr
Tetryl	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr

<b>Method Category:</b>	VOA	
<b>Method:</b>	8260B	<b>Matrix:</b> Water

Sample ID:TB-6621 Collected:6/6/2021 8:00:00 AM Analysis Type:Initial/TOT Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BENZENE	0.27	J	0.40	LOD	1.0	LOQ	ug/L	J	RI

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	VOA									
<b>Method:</b>	8260B			<b>Matrix:</b> Water						

Sample ID: WATER-WC-Q6-JUN21

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
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.92	J	0.40	LOD	3.0	LOQ	ug/L	J	RI
2-HEXANONE	3.1	J	4.0	LOD	5.0	LOQ	ug/L	J	RI
CARBON DISULFIDE	0.96	J	0.80	LOD	2.0	LOQ	ug/L	J	RI
CHLOROETHANE	1.6	U Q	1.6	LOD	2.0	LOQ	ug/L	UJ	Ccv
ETHYLBENZENE	0.26	J	0.40	LOD	1.0	LOQ	ug/L	J	RI
TOTAL XYLENES	0.25	J	0.80	LOD	1.0	LOQ	ug/L	J	RI

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-149503-1

Laboratory: TAL DEN

EDD Filename:  
280-149503-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

## Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
Ccv	Continuing Calibration Verification Percent Difference Lower Estimation
Lcs	Laboratory Control Spike Lower Estimation
Lcs	Laboratory Control Spike Upper Estimation
Mb	Method Blank Contamination
ProfJudg	Professional Judgment
RI	Reporting Limit Trace Value
Surr	Surrogate/Tracer Recovery Lower Estimation

\* denotes a non-reportable result

**Project Name and Number: Unknown - Unknown**