



Data Qualifier Summary

Lab Reporting Batch ID: 280-149116-1

Laboratory: TAL DEN

EDD Filename:
280-149116-1_52_2a_Brice_CornhuskerAAP

eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM	
Method:	350.1	Matrix: Water

Sample ID: PZ0018-21A	Collected: PM	Analysis Type: Initial/TOT	Dilution: 5						
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AMMONIA AS N	0.32	J	0.25	LOD	0.50	LOQ	mg/L	J	RI

Sample ID: PZ007-21A	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
AMMONIA AS N	0.035	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Sample ID: PZ017R-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	0.033	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Sample ID: PZ021-21A	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	0.028	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

Method Category:	GENCHEM	
Method:	351.2	Matrix: Water

Sample ID: G0017-21A	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	0.71	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

Sample ID: G0078-21A	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	0.70	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

Sample ID: PZ007-21A	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

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Project Name and Number: Unknown - Unknown



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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM	
Method:	9034	Matrix: Water

Sample ID: G0045-21A		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: G0077-21A		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: G0078-21A		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: PZ020-21A		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: PZ021-21A		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

Method Category:	GENCHEM	
Method:	9056A	Matrix: Water

Sample ID: PZ007-21A		Collected: PM			Analysis Type: Initial/TOT			Dilution: 5	
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SULFATE	510	D	13	LOD	25	LOQ	mg/L	J	Ms

Sample ID: SHGW02-21A		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	26	D	4.5	LOD	5.0	LOQ	mg/L	J	TempEst

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EDD Filename:
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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	GENCHEM								
Method:	9056A	Matrix: Water							

Sample ID: SHGW05-21A 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	21	D	4.5	LOD	5.0	LOQ	mg/L	J	TempEst

Method Category:	SVOA								
Method:	8330A	Matrix: Water							

Sample ID: G0017-21A 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
1,3,5-TRINITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
1,3-DINITROBENZENE	0.11	U Q M	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2,4-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.11	LOQ	ug/L	UJ	Surr
2,6-DINITROTOLUENE	0.084	U Q M	0.084	LOD	0.11	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	0.066	J Q J1	0.11	LOD	0.12	LOQ	ug/L	J	RI, Surr, ProfJudg
2-NITROTOLUENE	0.21	U Q M	0.21	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.42	U Q	0.42	LOD	0.42	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	0.13	U Q M	0.13	LOD	0.16	LOQ	ug/L	UJ	Surr
4-NITROTOLUENE	0.42	U Q	0.42	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.42	U M	0.42	LOD	2.1	LOQ	ug/L	UJ	Surr
HMX	0.21	U Q M	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
NITROBENZENE	0.21	U Q M	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
RDX	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
Tetryl	0.11	U Q M	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr

Sample ID: G0024-21A 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 M	0.42	LOD	0.44	LOQ	ug/L	UJ	Lcs

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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID:G0045-21A 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:G0077-21A 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
2,4-DINITROTOLUENE	0.061	J M	0.082	LOD	0.10	LOQ	ug/L	J	RI
2-NITROTOLUENE	0.20	U Q	0.20	LOD	0.22	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 M	0.41	LOD	0.42	LOQ	ug/L	UJ	Lcs
RDX	1.2	M J1	0.20	LOD	0.22	LOQ	ug/L	J	ProfJudg

Sample ID:G0078-21A 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

Sample ID:G0086-21A 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
1,3,5-TRINITROBENZENE	14	Q M	0.21	LOD	0.22	LOQ	ug/L	J	Surr
1,3-DINITROBENZENE	0.11	U Q	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr
2,4,6-TRINITROTOLUENE	4.9	Q	0.11	LOD	0.12	LOQ	ug/L	J	Surr
2,4-DINITROTOLUENE	0.053	J Q M	0.084	LOD	0.11	LOQ	ug/L	J	RI, Surr
2,6-DINITROTOLUENE	0.084	U Q	0.084	LOD	0.11	LOQ	ug/L	UJ	Surr
2-AMINO-4,6-DINITROTOLUENE	1.4	Q	0.11	LOD	0.12	LOQ	ug/L	J	Surr
2-NITROTOLUENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Lcs, Surr
3-NITROTOLUENE	0.42	U Q	0.42	LOD	0.42	LOQ	ug/L	UJ	Lcs, Surr
4-AMINO-2,6-DINITROTOLUENE	1.1	Q	0.13	LOD	0.16	LOQ	ug/L	J	Surr
4-NITROTOLUENE	0.42	U Q M	0.42	LOD	0.43	LOQ	ug/L	UJ	Lcs, Surr
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	0.42	U M	0.42	LOD	2.1	LOQ	ug/L	UJ	Surr

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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA
Method:	8330A
Matrix:	Water

Sample ID:G0086-21A 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
HMX	0.44	Q M	0.21	LOD	0.22	LOQ	ug/L	J	Surr
NITROBENZENE	0.21	U Q	0.21	LOD	0.22	LOQ	ug/L	UJ	Surr
RDX	0.84	Q M J1	0.21	LOD	0.22	LOQ	ug/L	J	Surr, ProfJudg
Tetryl	0.11	U Q M	0.11	LOD	0.12	LOQ	ug/L	UJ	Surr

Sample ID:PZ0018-21A 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	0.22	U Q	0.22	LOD	0.23	LOQ	ug/L	UJ	Lcs
3-NITROTOLUENE	0.43	U Q	0.43	LOD	0.43	LOQ	ug/L	UJ	Lcs
4-AMINO-2,6-DINITROTOLUENE	4.9	J1	0.13	LOD	0.16	LOQ	ug/L	J	ProfJudg
4-NITROTOLUENE	0.43	U Q M	0.43	LOD	0.44	LOQ	ug/L	UJ	Lcs

Sample ID:PZ007-21A 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 J1	0.20	LOD	0.21	LOQ	ug/L	UJ	Lcs, Ms
3-NITROTOLUENE	0.40	U Q J1	0.40	LOD	0.40	LOQ	ug/L	UJ	Lcs, Ms
4-NITROTOLUENE	0.40	U Q J1	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs, Ms

Sample ID:PZ017R-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
2,6-DINITROTOLUENE	0.36	J1	0.083	LOD	0.10	LOQ	ug/L	J	ProfJudg
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-AMINO-2,6-DINITROTOLUENE	2.7		0.13	LOD	0.16	LOQ	ug/L	J	Fd
4-NITROTOLUENE	0.42	U Q M	0.42	LOD	0.43	LOQ	ug/L	UJ	Lcs
HMX	1.6	M J1	0.21	LOD	0.22	LOQ	ug/L	J	ProfJudg

Sample ID:PZ020-21A 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

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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	SVOA								
Method:	8330A	Matrix:	Water						

Sample ID: PZ020-21A 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
3-NITROTOLUENE	0.42	U Q	0.42	LOD	0.42	LOQ	ug/L	UJ	Lcs
4-NITROTOLUENE	0.42	U Q M	0.42	LOD	0.43	LOQ	ug/L	UJ	Lcs
RDX	0.68	M J1	0.21	LOD	0.22	LOQ	ug/L	J	ProfJudg

Sample ID: PZ021-21A 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
2,6-DINITROTOLUENE	0.32	J1	0.079	LOD	0.099	LOQ	ug/L	J	ProfJudg
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-AMINO-2,6-DINITROTOLUENE	4.0		0.12	LOD	0.15	LOQ	ug/L	J	Fd
4-NITROTOLUENE	0.40	U Q M	0.40	LOD	0.41	LOQ	ug/L	UJ	Lcs
HMX	1.6	M J1	0.20	LOD	0.21	LOQ	ug/L	J	ProfJudg

Method Category:	VOA								
Method:	8015C DRO ORO	Matrix:	Water						

Sample ID: SHGW03-21A 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
DIESEL RANGE ORGANICS	180	J	120	LOD	240	LOQ	ug/L	J	RI

Method Category:	VOA								
Method:	8260B	Matrix:	Water						

Sample ID: SHGW02-21A 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
ACETONE	9.1	J	6.4	LOD	10	LOQ	ug/L	J	RI

Sample ID: SHGW05-21A 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
ACETONE	8.7	J	6.4	LOD	10	LOQ	ug/L	J	RI

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eQAPP Name: CHAAP_EQAPP_20180320

Method Category:	VOA								
Method:	8260B	Matrix:	Water						

Method Category:	VOA								
Method:	RSK-175	Matrix:	Water						

Sample ID:G0045-21A 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
METHANE	0.00079	J M	0.0020	LOD	0.0050	LOQ	mg/L	J	RI, ProfJudg

Sample ID:PZ020-21A 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
METHANE	0.00079	J M	0.0020	LOD	0.0050	LOQ	mg/L	J	RI

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eQAPP Name: CHAAP_EQAPP_20180320

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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 Upper Estimation
ProfJudg	Professional Judgment
RI	Reporting Limit Trace Value
Surr	Surrogate/Tracer Recovery Lower Estimation
TempEst	Temperature Estimation

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