



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137609-1

Laboratory: TAL DEN

EDD Filename:  
280-137609-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	GENCHEM	
<b>Method:</b>	350.1	<b>Matrix:</b> Water

<b>Sample ID:</b> G0102-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
AMMONIA AS N	0.072	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Sample ID:</b> NW052-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
AMMONIA AS N	0.031	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Sample ID:</b> PZ005-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
AMMONIA AS N	0.024	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Sample ID:</b> PZ007-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
AMMONIA AS N	0.042	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Method Category:</b>	GENCHEM	
<b>Method:</b>	351.2	<b>Matrix:</b> Water

<b>Sample ID:</b> G0017-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
Nitrogen, Total Kjeldahl	0.83	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

<b>Sample ID:</b> G0080-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
Nitrogen, Total Kjeldahl	0.97	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

<b>Sample ID:</b> PZ005-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
Nitrogen, Total Kjeldahl	0.81	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

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eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	GENCHEM	
<b>Method:</b>	351.2	<b>Matrix:</b> Water

<b>Sample ID:</b> PZ007-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
Nitrogen, Total Kjeldahl	0.71	J	1.0	LOD	1.0	LOQ	mg/L	J	RI

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

<b>Sample ID:</b> G0102-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
NITROGEN, NITRATE-NITRITE	3.9	J1	0.050	LOD	0.10	LOQ	mg/L	J	Ms

<b>Sample ID:</b> NW052-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
NITROGEN, NITRATE-NITRITE	0.052	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Sample ID:</b> PZ012-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
NITROGEN, NITRATE-NITRITE	0.081	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

<b>Sample ID:</b> SHGW02-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
NITROGEN, NITRATE-NITRITE	0.022	J	0.050	LOD	0.10	LOQ	mg/L	J	RI

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

<b>Sample ID:</b> G0045-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>
SULFIDE	0.80	J	1.9	LOD	4.0	LOQ	mg/L	U	Mb

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eQAPP Name: CHAAP\_EQAPP\_20180320

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

<b>Sample ID:</b> G0102-20A		<b>Collected:</b> PM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
SULFIDE	1.9	U J1	1.9	LOD	4.0	LOQ	mg/L	UJ	Ms	

<b>Sample ID:</b> G0105-20A		<b>Collected:</b> PM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
SULFIDE	0.80	J	1.9	LOD	4.0	LOQ	mg/L	U	Mb	

<b>Sample ID:</b> NW052-20A		<b>Collected:</b> PM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
SULFIDE	1.6	J	1.9	LOD	4.0	LOQ	mg/L	U	Mb	

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

<b>Sample ID:</b> SHGW02-20A		<b>Collected:</b> AM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 5		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
SULFATE	13	J D	15	LOD	25	LOQ	mg/L	J	RI	

<b>Sample ID:</b> SHGW05-20A		<b>Collected:</b> AM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 5		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
SULFATE	12	J D	15	LOD	25	LOQ	mg/L	J	RI	

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

<b>Sample ID:</b> G0017-20A		<b>Collected:</b> AM			<b>Analysis Type:</b> Initial/TOT			<b>Dilution:</b> 1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>	
Tetryl	0.26	J1 M	0.11	LOD	0.12	LOQ	ug/L	J	ProfJudg	

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eQAPP Name: CHAAP\_EQAPP\_20180320

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

<b>Sample ID:</b>	G0080-20A		<b>Collected:</b>	PM		<b>Analysis Type:</b>	Initial/TOT		<b>Dilution:</b>	1	
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>		
2-AMINO-4,6-DINITROTOLUENE	0.053	J J1 M	0.10	LOD	0.11	LOQ	ug/L	J	RI, ProfJudg		
4-AMINO-2,6-DINITROTOLUENE	0.15	J J1 M	0.13	LOD	0.16	LOQ	ug/L	J	RI, ProfJudg		

<b>Sample ID:</b>	G0102-20A		<b>Collected:</b>	PM		<b>Analysis Type:</b>	Dilution-1/TOT		<b>Dilution:</b>	10		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>			
RDX	41	D M J1	2.2	LOD	2.3	LOQ	ug/L	J	Ms			

<b>Sample ID:</b>	G0102-20A		<b>Collected:</b>	PM		<b>Analysis Type:</b>	Initial/TOT		<b>Dilution:</b>	1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>			
4-AMINO-2,6-DINITROTOLUENE	0.13	U J1	0.13	LOD	0.17	LOQ	ug/L	UJ	Ms			
HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX)	1.2	J M	0.44	LOD	2.2	LOQ	ug/L	J	RI			

<b>Sample ID:</b>	PZ005-20A		<b>Collected:</b>	PM		<b>Analysis Type:</b>	Initial/TOT		<b>Dilution:</b>	1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>			
2-AMINO-4,6-DINITROTOLUENE	0.076	J J1	0.10	LOD	0.11	LOQ	ug/L	J	RI, ProfJudg			

<b>Method Category:</b>	VOA									
<b>Method:</b>	8015C DRO ORO	<b>Matrix:</b>		Water						

<b>Sample ID:</b>	SHGW03-20A		<b>Collected:</b>	AM		<b>Analysis Type:</b>	Initial/TOT		<b>Dilution:</b>	1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>			
DIESEL RANGE ORGANICS	320		120	LOD	250	LOQ	ug/L	U	Mb			

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

<b>Sample ID:</b>	SHGW02-20A		<b>Collected:</b>	AM		<b>Analysis Type:</b>	Initial/TOT		<b>Dilution:</b>	1		
<b>Analyte</b>	<b>Lab Result</b>	<b>Lab Qual</b>	<b>DL</b>	<b>DL Type</b>	<b>RL</b>	<b>RL Type</b>	<b>Units</b>	<b>Data Review Qual</b>	<b>Reason Code</b>			
1,1,2-TRICHLOROETHANE	0.33	J	0.80	LOD	1.0	LOQ	ug/L	J	RI			

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eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID: SHGW02-20A									
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
BROMOMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Ccv
CARBON DISULFIDE	0.19	J	0.80	LOD	2.0	LOQ	ug/L	J	RI
CHLOROETHANE	1.5	J	1.6	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: SHGW03-20A									
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
BROMOMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Ccv

Sample ID: SHGW05-20A									
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
1,1,2-TRICHLOROETHANE	0.31	J	0.80	LOD	1.0	LOQ	ug/L	J	RI
BROMOMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Ccv
CARBON DISULFIDE	0.26	J	0.80	LOD	2.0	LOQ	ug/L	J	RI
CHLOROETHANE	1.4	J	1.6	LOD	2.0	LOQ	ug/L	J	RI

Sample ID: SOURCE 2020									
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
BROMOMETHANE	0.80	U Q	0.80	LOD	2.0	LOQ	ug/L	UJ	Ccv
CHLOROFORM	0.61	J	0.40	LOD	1.0	LOQ	ug/L	J	RI

Sample ID: TB01-061120									
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
CHLOROFORM	0.61	J	0.40	LOD	1.0	LOQ	ug/L	J	RI

Sample ID: TB02-061120									
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
CHLOROFORM	0.63	J	0.40	LOD	1.0	LOQ	ug/L	J	RI

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eQAPP Name: CHAAP\_EQAPP\_20180320

<b>Method Category:</b>	VOA	
<b>Method:</b>	RSK-175	<b>Matrix:</b> Water

<b>Sample ID:</b> G0045-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
METHANE	0.0028	J	0.0020	LOD	0.0050	LOQ	mg/L	J	RI

<b>Sample ID:</b> G0102-20A	<b>Collected:</b> PM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
METHANE	0.0018	J M	0.0020	LOD	0.0050	LOQ	mg/L	J	RI

<b>Sample ID:</b> SHGW02-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ETHENE	0.0010	J M	0.0014	LOD	0.0050	LOQ	mg/L	J	RI

<b>Sample ID:</b> SHGW05-20A	<b>Collected:</b> AM	<b>Analysis Type:</b> Initial/TOT	<b>Dilution:</b> 1						
Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ETHENE	0.0011	J M	0.0014	LOD	0.0050	LOQ	mg/L	J	RI

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## Reason Code Legend

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

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