



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_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> G0077-20A |            | <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 |
| AMMONIA AS N                | 0.052      | J                    | 0.050 | LOD                               | 0.10 | LOQ     | mg/L  | J                  | RI          |

| <b>Sample ID:</b> G0086-20A |            | <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 |
| AMMONIA AS N                | 0.025      | J                    | 0.050 | LOD                               | 0.10 | LOQ     | mg/L  | J                  | RI          |

| <b>Sample ID:</b> G0087-20A |            | <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 |
| AMMONIA AS N                | 0.032      | J                    | 0.050 | LOD                               | 0.10 | LOQ     | mg/L  | J                  | RI          |

| <b>Sample ID:</b> G0088-20A |            | <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 |
| AMMONIA AS N                | 0.088      | J                    | 0.050 | LOD                               | 0.10 | LOQ     | mg/L  | J                  | RI          |

| <b>Sample ID:</b> G0092-20A |            | <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 |
| AMMONIA AS N                | 0.031      | J                    | 0.050 | LOD                               | 0.10 | LOQ     | mg/L  | J                  | RI          |

| <b>Sample ID:</b> PZ020-20A |            | <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 |
| AMMONIA AS N                | 0.032      | 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> G0077-20A |            | <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 |
| Nitrogen, Total Kjeldahl    | 1.0        | U J1                 | 1.0 | LOD                               | 1.0 | LOQ     | mg/L  | UJ                 | Ms          |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> G0123-20A | <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    | 0.84                 | J               | 1.0       | LOD                               | 1.0       | LOQ            | mg/L         | J                       | RI                 |  |

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> PZ019-20A | <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    | 1.0                  | U J1            | 1.0       | LOD                               | 1.0       | LOQ            | mg/L         | UJ                      | Ms                 |  |

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

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> PZ019-20A | <b>Collected:</b> PM |                 |           | <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> |  |
| NITROGEN, NITRATE-NITRITE   | 34                   | J1              | 0.25      | LOD                               | 0.50      | LOQ            | mg/L         | J                       | Ms                 |  |

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

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> G0077-20A | <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         | J                       | RI                 |  |

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> G0088-20A | <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         | J                       | RI                 |  |

|                             |                      |                 |           |                                   |           |                |              |                         |                    |  |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|--|
| <b>Sample ID:</b> G0089-20A | <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         | J                       | RI                 |  |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

|                             |                      |                 |           |                                   |           |                |              |                         |                    |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|
| <b>Sample ID:</b> G0092-20A | <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> |
| SULFIDE                     | 0.80                 | J               | 1.9       | LOD                               | 4.0       | LOQ            | mg/L         | U                       | Mb                 |

|                             |                      |                 |           |                                   |           |                |              |                         |                    |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|
| <b>Sample ID:</b> G0122-20A | <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> |
| SULFIDE                     | 0.80                 | J               | 1.9       | LOD                               | 4.0       | LOQ            | mg/L         | U                       | Mb                 |

|                             |                      |                 |           |                                   |           |                |              |                         |                    |
|-----------------------------|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|
| <b>Sample ID:</b> G0296-20A | <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> |
| SULFIDE                     | 0.80                 | J               | 1.9       | LOD                               | 4.0       | LOQ            | mg/L         | U                       | Mb                 |

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

|  |                      |                 |           |                                   |           |                |              |                         |                    |
|--|----------------------|-----------------|-----------|-----------------------------------|-----------|----------------|--------------|-------------------------|--------------------|
| <b>Sample ID:</b> G0077-20A                          | <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> |
| 1,3,5-TRINITROBENZENE                                | 1.9                  | Q               | 0.21      | LOD                               | 0.22      | LOQ            | ug/L         | J                       | Surr               |
| 1,3-DINITROBENZENE                                   | 0.11                 | U Q M           | 0.11      | LOD                               | 0.12      | LOQ            | ug/L         | UJ                      | Surr               |
| 2,4,6-TRINITROTOLUENE                                | 3.3                  | Q               | 0.11      | LOD                               | 0.12      | LOQ            | ug/L         | J                       | 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             | 0.084     | LOD                               | 0.11      | LOQ            | ug/L         | UJ                      | Surr               |
| 2-AMINO-4,6-DINITROTOLUENE                           | 1.2                  | 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                      | Surr               |
| 3-NITROTOLUENE                                       | 0.42                 | U Q             | 0.42      | LOD                               | 0.42      | LOQ            | ug/L         | UJ                      | 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                      | 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             | 0.21      | LOD                               | 0.22      | LOQ            | ug/L         | UJ                      | Surr               |
| NITROBENZENE   | 0.21                 | U Q             | 0.21      | LOD                               | 0.22      | LOQ            | ug/L         | UJ                      | Surr               |
| RDX  | 0.46                 | Q               | 0.21      | LOD                               | 0.22      | LOQ            | ug/L         | J                       | Surr               |
| Tetryl   | 0.11                 | U Q M           | 0.11      | LOD                               | 0.12      | LOQ            | ug/L         | UJ                      | Surr               |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID: G0078-20A      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      | 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      | 0.084 | 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                                       | 0.21       | U Q      | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Surr        |
| 3-NITROTOLUENE                                       | 0.42       | U M Q    | 0.42  | LOD     | 0.42 | LOQ     | ug/L  | UJ               | Surr        |
| 4-AMINO-2,6-DINITROTOLUENE                           | 0.13       | U Q      | 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               | Surr        |
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 0.42       | U        | 0.42  | LOD     | 2.1  | LOQ     | ug/L  | UJ               | Surr        |
| HMX  | 0.21       | U M Q    | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Surr        |
| NITROBENZENE   | 0.21       | U Q      | 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      | 0.11  | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Surr        |

Sample ID: G0086-20A      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 |
|--|------------|----------|-------|---------|------|---------|-------|------------------|-------------|
| 1,3,5-TRINITROBENZENE                                | 9.4        | Q        | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | J                | Surr        |
| 1,3-DINITROBENZENE                                   | 0.10       | U Q M    | 0.10  | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Surr        |
| 2,4,6-TRINITROTOLUENE                                | 3.6        | Q        | 0.10  | LOD     | 0.12 | LOQ     | ug/L  | J                | Surr        |
| 2,4-DINITROTOLUENE                                   | 0.084      | U Q      | 0.084 | LOD     | 0.10 | LOQ     | ug/L  | UJ               | Surr        |
| 2,6-DINITROTOLUENE                                   | 0.084      | U Q      | 0.084 | LOD     | 0.10 | LOQ     | ug/L  | UJ               | Surr        |
| 2-AMINO-4,6-DINITROTOLUENE                           | 1.6        | Q        | 0.10  | LOD     | 0.12 | LOQ     | ug/L  | J                | Surr        |
| 2-NITROTOLUENE                                       | 0.21       | U Q      | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Surr        |
| 3-NITROTOLUENE                                       | 0.42       | U Q      | 0.42  | LOD     | 0.42 | LOQ     | ug/L  | UJ               | 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               | 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      | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Surr        |
| RDX  | 0.21       | J Q      | 0.21  | LOD     | 0.22 | LOQ     | ug/L  | J                | RI, Surr    |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID:G0086-20A 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 |
|---------|------------|----------|------|---------|------|---------|-------|------------------|-------------|
| Tetryl  | 0.10       | U Q M    | 0.10 | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Surr        |

Sample ID:G0087-20A 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 | 0.11       | U Q      | 0.11 | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Lcs         |
| 2-NITROTOLUENE             | 0.21       | U Q      | 0.21 | LOD     | 0.23 | LOQ     | ug/L  | UJ               | Lcs         |
| 3-NITROTOLUENE             | 0.43       | U M Q    | 0.43 | LOD     | 0.43 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-AMINO-2,6-DINITROTOLUENE | 0.13       | U Q      | 0.13 | LOD     | 0.16 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-NITROTOLUENE             | 0.43       | U M Q    | 0.43 | LOD     | 0.44 | LOQ     | ug/L  | UJ               | Lcs         |
| HMX                        | 0.37       | M        | 0.21 | LOD     | 0.23 | LOQ     | ug/L  | J                | ProfJudg    |
| RDX                        | 0.15       | J M      | 0.21 | LOD     | 0.23 | LOQ     | ug/L  | J                | RI          |

Sample ID:G0088-20A 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      | 0.63       | J1       | 0.10 | LOD     | 0.11 | LOQ     | ug/L  | J                | ProfJudg    |
| 2-AMINO-4,6-DINITROTOLUENE | 0.44       | Q        | 0.10 | LOD     | 0.11 | LOQ     | ug/L  | J                | Lcs         |
| 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 | 0.44       | Q        | 0.13 | LOD     | 0.16 | LOQ     | ug/L  | J                | Lcs         |
| 4-NITROTOLUENE             | 0.42       | U M Q    | 0.42 | LOD     | 0.43 | LOQ     | ug/L  | UJ               | Lcs         |

Sample ID:G0089-20A 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 M Q    | 0.10 | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Lcs         |
| 2-NITROTOLUENE             | 0.21       | U Q      | 0.21 | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Lcs         |
| 3-NITROTOLUENE             | 0.42       | U M Q    | 0.42 | LOD     | 0.42 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-AMINO-2,6-DINITROTOLUENE | 0.13       | U M Q    | 0.13 | LOD     | 0.16 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-NITROTOLUENE             | 0.42       | U Q      | 0.42 | LOD     | 0.43 | LOQ     | ug/L  | UJ               | Lcs         |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown





# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID:G0091-20A 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 |
|----------------------------|------------|----------|------|---------|------|---------|-------|------------------|-------------|
| 4-AMINO-2,6-DINITROTOLUENE | 0.21       | J1       | 0.13 | LOD     | 0.16 | LOQ     | ug/L  | J                | ProfJudg    |

Sample ID:G0093-20A 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    |
|--|------------|----------|-------|---------|------|---------|-------|------------------|----------------|
| 1,3,5-TRINITROBENZENE                                | 0.45       | Q M      | 0.21  | LOD     | 0.23 | 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                                | 0.11       | U Q M    | 0.11  | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Surr           |
| 2,4-DINITROTOLUENE                                   | 0.086      | U Q      | 0.086 | LOD     | 0.11 | LOQ     | ug/L  | UJ               | Surr           |
| 2,6-DINITROTOLUENE                                   | 0.086      | U Q      | 0.086 | LOD     | 0.11 | LOQ     | ug/L  | UJ               | Surr           |
| 2-AMINO-4,6-DINITROTOLUENE                           | 1.8        | Q J1     | 0.11  | LOD     | 0.12 | LOQ     | ug/L  | J                | Surr, ProfJudg |
| 2-NITROTOLUENE                                       | 0.21       | U Q      | 0.21  | LOD     | 0.23 | LOQ     | ug/L  | UJ               | Surr           |
| 3-NITROTOLUENE                                       | 0.43       | U Q      | 0.43  | LOD     | 0.43 | LOQ     | ug/L  | UJ               | Surr           |
| 4-AMINO-2,6-DINITROTOLUENE                           | 0.13       | U Q      | 0.13  | LOD     | 0.16 | LOQ     | ug/L  | UJ               | Surr           |
| 4-NITROTOLUENE                                       | 0.43       | U Q M    | 0.43  | LOD     | 0.44 | LOQ     | ug/L  | UJ               | Surr           |
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 0.43       | U        | 0.43  | LOD     | 2.1  | LOQ     | ug/L  | UJ               | Surr           |
| HMX  | 0.21       | U Q      | 0.21  | LOD     | 0.23 | LOQ     | ug/L  | UJ               | Surr           |
| NITROBENZENE   | 0.21       | U Q      | 0.21  | LOD     | 0.23 | LOQ     | ug/L  | UJ               | Surr           |
| RDX  | 0.21       | U M Q    | 0.21  | LOD     | 0.23 | LOQ     | ug/L  | UJ               | Surr           |
| Tetryl   | 0.11       | U Q M    | 0.11  | LOD     | 0.12 | LOQ     | ug/L  | UJ               | Surr           |

Sample ID:G0096-20A 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  |
|--|------------|----------|-------|---------|------|---------|-------|------------------|--------------|
| 2,4-DINITROTOLUENE                                   | 0.047      | J J1     | 0.086 | LOD     | 0.11 | LOQ     | ug/L  | J                | RI, ProfJudg |
| 2-AMINO-4,6-DINITROTOLUENE                           | 1.1        | M        | 0.11  | LOD     | 0.12 | LOQ     | ug/L  | J                | ProfJudg     |
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 1.6        | J M      | 0.43  | LOD     | 2.2  | LOQ     | ug/L  | J                | RI           |

Sample ID:G0122-20A 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 |
|--|------------|----------|------|---------|-----|---------|-------|------------------|-------------|
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 0.36       | J M J1   | 0.42 | LOD     | 2.1 | LOQ     | ug/L  | J                | RI          |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown



# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID:G0123-20A Collected:PM Analysis Type:Dilution-1/TOT Dilution: 20

| Analyte | Lab Result | Lab Qual | DL  | DL Type | RL  | RL Type | Units | Data Review Qual | Reason Code |
|---------|------------|----------|-----|---------|-----|---------|-------|------------------|-------------|
| HMX     | 62         | D M Q    | 4.3 | LOD     | 4.6 | LOQ     | ug/L  | J                | Surr        |
| RDX     | 48         | D Q      | 4.3 | LOD     | 4.6 | LOQ     | ug/L  | J                | Surr        |

Sample ID:G0123-20A 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 |
|--|------------|----------|------|---------|-----|---------|-------|------------------|-------------|
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 5.9        | M J 1    | 0.43 | LOD     | 2.2 | LOQ     | ug/L  | J                | ProfJudg    |

Sample ID:G0296-20A 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 |
|--|------------|----------|-------|---------|------|---------|-------|------------------|-------------|
| 2,4-DINITROTOLUENE                                   | 0.10       | J        | 0.085 | LOD     | 0.11 | LOQ     | ug/L  | J                | RI          |
| HEXAHYDRO-1-NITROSO-3,5-DINITRO-1,3,5-TRIAZINE (MNX) | 1.5        | J M      | 0.43  | LOD     | 2.1  | LOQ     | ug/L  | J                | RI          |

Sample ID:PZ020-20A 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 M Q    | 0.10 | LOD     | 0.11 | LOQ     | ug/L  | UJ               | Lcs         |
| 2-NITROTOLUENE             | 0.21       | U Q      | 0.21 | LOD     | 0.22 | LOQ     | ug/L  | UJ               | Lcs         |
| 3-NITROTOLUENE             | 0.42       | U M Q    | 0.42 | LOD     | 0.42 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-AMINO-2,6-DINITROTOLUENE | 0.12       | U M Q    | 0.12 | LOD     | 0.16 | LOQ     | ug/L  | UJ               | Lcs         |
| 4-NITROTOLUENE             | 0.42       | U Q      | 0.42 | LOD     | 0.43 | LOQ     | ug/L  | UJ               | Lcs         |

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

Sample ID:TB03-061620 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 |
|------------|------------|----------|------|---------|-----|---------|-------|------------------|-------------|
| BROMOFORM  | 0.97       | J        | 1.0  | LOD     | 1.0 | LOQ     | ug/L  | J                | RI          |
| CHLOROFORM | 0.59       | 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: 280-137736-1

Laboratory: TAL DEN

EDD Filename:  
280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

eQAPP Name: CHAAP\_EQAPP\_20180320

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

Sample ID: WC-Q3-JUNE20      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 | 14         | Q        | 0.40 | LOD     | 3.0 | LOQ     | ug/L  | J                | Lcs         |

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

Sample ID: G0088-20A      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 | 0.0029     | J        | 0.0020 | LOD     | 0.0050 | LOQ     | mg/L  | J                | RI          |

\* denotes a non-reportable result

Project Name and Number: Unknown - Unknown





# Data Qualifier Summary

Lab Reporting Batch ID: 280-137736-1

Laboratory: TAL DEN

EDD Filename:

eQAPP Name: CHAAP\_EQAPP\_20180320

280-137736-1\_52\_2a\_Brice\_CornhuskerAAP

## Reason Code Legend

| <i>Reason Code</i> | <i>Description</i>                         |
|--------------------|--|
| Lcs                | Laboratory Control 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                |
| Surr               | Surrogate/Tracer Recovery Lower Estimation |
| Surr               | Surrogate/Tracer Recovery Upper Estimation |

\* denotes a non-reportable result

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