## Appendix B: External Data

On October 1, 2009 NDEQ submitted a request for all existing and readily available surface water quality data to Federal, State, and local agencies, members of the public and academic institutions for consideration in the development of the 2010 Water Quality Integrated report (IR). On October 30, 2009 the Nebraska field office of the United States Fish and Wildlife Service (FWS) submitted atrazine data from a contaminates investigation being conducting in the Rainwater Basin Wetland Management District by FWS staff. Included with the data submission were basic descriptions of the sample collection and analyzation methodologies. After reviewing the FWS submission, NDEQ concluded that a more comprehensive quality assurance document needed to be provided if the FWS data was to be included in the 2010 IR. FWS worked with the NDEQ to provide additional quality assurance documentation; however, the additional documents did not meet the requirements of a quality assurance project plan as defined by the Environmental Protection Agency (EPA) and therefore could not be accepted as such. Ultimately NDEQ was unable to use the FWS data for conducting water quality assessments in the 2010 IR but, NDEQ is committed to working with FWS to develop a quality assurance project plan that will garner EPA approval.

While the following data could not be used to make water quality assessments for the 2010 IR, NDEQ commends FWS for conducting a comprehensive contaminates study on wetlands throughout the rainwater basin. Included below is the 2008 atrazine data FWS submitted to the NDEQ.

| Basin | Site Name | Coordinates | | Date Collected | Atrazine Conc. (ug/l) |
|---|---|---|---|---|---|
| | | Latitude | Longitude | | |
| Big Blue | County Line WPA | 40.70248 | -97.54384 | 5/6/2008 | 0.42 |
| Big Blue | County Line WPA | 40.70248 | -97.54384 | 6/17/2008 | 0.60 |
| Big Blue | County Line WPA | 40.70248 | -97.54384 | 7/21/2008 | 0.96 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 4/17/2008 | 0.08 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 5/7/2008 | 1.86 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 5/21/2008 | 0.46 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 5/21/2008 | 2.08 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 6/3/2008 | 0.48 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 6/3/2008 | 3.38 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 6/16/2008 | 0.30 |
| Big Blue | Harvard WPA | 40.61142 | -98.18173 | 7/23/2008 | 0.30 |
| Big Blue | Real WPA | 40.67593 | -97.57619 | 5/6/2008 | 0.42 |
| Big Blue | Real WPA | 40.67593 | -97.57619 | 6/4/2008 | 0.67 |
| Big Blue | Real WPA | 40.67593 | -97.57619 | 7/7/2008 | 1.00 |
| Big Blue | Sininger WPA | 40.71344 | -97.53119 | 5/19/2008 | 0.50 |
| Big Blue | Sininger WPA | 40.71344 | -97.53119 | 6/17/2008 | 0.40 |
| Big Blue | Sininger WPA | 40.71344 | -97.53119 | 7/7/2008 | 18.80 |
| Big Blue | Sininger WPA | 40.71344 | -97.53119 | 7/21/2008 | 6.60 |
| Big Blue | Sininger WPA | 40.71344 | -97.53119 | 8/6/2008 | 5.44 |
| Big Blue | Sininger WPA | 40.71933 | -97.53538 | 4/15/2008 | 0.19 |
| Big Blue | Sininger WPA | 40.71933 | -97.53538 | 5/19/2008 | 1.08 |
| Big Blue | Sininger WPA | 40.71933 | -97.53538 | 6/4/2008 | 6.80 |
| Big Blue | Sininger WPA | 40.71933 | -97.53538 | 7/21/2008 | 1.03 |
| Big Blue | Sininger WPA | 40.71933 | -97.53538 | 8/6/2008 | 1.05 |
| Big Blue | Wilkins WPA | 40.60561 | -97.69070 | 5/6/2008 | 0.65 |
| Big Blue | Wilkins WPA | 40.60561 | -97.69070 | 5/19/2008 | 1.40 |

| Basin | Site Name | Coordinates | | Date Collected | Atrazine Conc. (ug/l) |
|---|---|---|---|---|---|
| | | Latitude | Longitude | | |
| Big Blue | Wilkins WPA | 40.60561 | -97.69070 | 6/17/2008 | 1.80 |
| Big Blue | Wilkins WPA | 40.60561 | -97.69070 | 8/6/2008 | 0.44 |
| Big Blue | Wilkins WPA | 40.60914 | -97.69078 | 5/6/2008 | 0.83 |
| Big Blue | Wilkins WPA | 40.60914 | -97.69078 | 5/19/2008 | 2.50 |
| Big Blue | Wilkins WPA | 40.60914 | -97.69078 | 6/17/2008 | 2.30 |
| Big Blue | Wilkins WPA | 40.60914 | -97.69078 | 7/21/2008 | 0.37 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 4/14/2008 | 0.32 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 5/5/2008 | 1.44 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 5/22/2008 | 287.00 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 6/5/2008 | 9.80 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 6/19/2008 | 8.90 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 7/9/2008 | 1.00 |
| Little Blue | Gleason WPA | 40.44247 | -99.02311 | 7/22/2008 | 0.90 |
| Little Blue | Massie WPA | 40.47874 | -98.03319 | 5/22/2008 | 0.51 |
| Little Blue | Massie WPA | 40.47874 | -98.03319 | 7/8/2008 | 2.20 |
| Little Blue | Massie WPA | 40.47874 | -98.03319 | 8/7/2008 | 0.70 |
| Little Blue | McMurtrey WPA | 40.56537 | -98.18415 | 5/7/2008 | 47.00 |
| Little Blue | McMurtrey WPA | 40.56537 | -98.18415 | 5/21/2008 | 48.70 |
| Little Blue | McMurtrey WPA | 40.56537 | -98.18415 | 6/3/2008 | 13.90 |
| Little Blue | McMurtrey WPA | 40.56537 | -98.18415 | 7/8/2008 | 0.90 |
| Little Blue | McMurtrey WPA | 40.56537 | -98.18415 | 7/23/2008 | 1.70 |
| Little Blue | McMurtrey WPA | 40.56642 | -98.18236 | 7/23/2008 | 0.58 |
| Little Blue | McMurtrey WPA | 40.56811 | -98.17175 | 5/7/2008 | 0.51 |
| Little Blue | Moger WPA | 40.48142 | -97.99089 | 5/7/2008 | 1.07 |
| Little Blue | Moger WPA | 40.48142 | -97.99089 | 5/21/2008 | 2.01 |
| Little Blue | Moger WPA | 40.48142 | -97.99089 | 6/3/2008 | 3.67 |
| Little Blue | Moger WPA | 40.48142 | -97.99089 | 6/16/2008 | 4.30 |
| Little Blue | Moger WPA | 40.48142 | -97.99089 | 7/23/2008 | 1.80 |
| Little Blue | Moger WPA | 40.48857 | -97.99057 | 5/21/2008 | 0.85 |
| Little Blue | Moger WPA | 40.48857 | -97.99057 | 6/3/2008 | 0.71 |
| Middle Platte | Cottonwood WPA | 40.55169 | -99.58741 | 4/18/2008 | 0.45 |
| Middle Platte | Cottonwood WPA | 40.55169 | -99.58741 | 5/20/2008 | 21.60 |
| Middle Platte | Cottonwood WPA | 40.55169 | -99.58741 | 6/2/2008 | 11.10 |
| Middle Platte | Cottonwood WPA | 40.55169 | -99.58741 | 6/18/2008 | 0.90 |
| Middle Platte | Cottonwood WPA Inlet | 40.55086 | -99.58334 | 5/20/2008 | 25.00 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 4/18/2008 | 0.65 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 5/8/2008 | 1.86 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 5/20/2008 | 149.00 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 6/2/2008 | 29.50 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 6/18/2008 | 24.80 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 7/22/2008 | 1.30 |
| Middle Platte | Linder WPA | 40.54472 | -99.53980 | 8/5/2008 | 1.00 |
| Republican | Atlanta WPA | 40.37987 | -99.48290 | 4/18/2008 | 0.26 |
| Republican | Atlanta WPA | 40.37987 | -99.48290 | 5/8/2008 | 0.52 |
| Republican | Atlanta WPA | 40.37987 | -99.48290 | 5/20/2008 | 0.69 |

| Basin | Site Name | Coordinates | | Date Collected | Atrazine Conc. (ug/l) |
|---|---|---|---|---|---|
| | | Latitude | Longitude | | |
| Republican | Atlanta WPA | 40.37987 | -99.48290 | 6/2/2008 | 3.23 |
| Republican | Atlanta WPA | 40.37987 | -99.48290 | 7/10/2008 | 2.50 |
| Republican | Jones WPA | 40.39253 | -99.43468 | 4/18/2008 | 0.91 |
| Republican | Jones WPA | 40.39253 | -99.43468 | 6/2/2008 | 5.80 |
| Republican | Jones WPA | 40.39253 | -99.43468 | 6/18/2008 | 5.90 |
| Republican | Jones WPA | 40.39253 | -99.43468 | 7/22/2008 | 3.17 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 4/14/2008 | 1.10 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 5/5/2008 | 0.77 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 5/22/2008 | 26.30 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 6/5/2008 | 12.40 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 6/19/2008 | 11.10 |
| Republican | Killdeer WPA | 40.38820 | -99.10568 | 7/22/2008 | 1.30 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 4/14/2008 | 0.21 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 5/5/2008 | 1.51 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 5/22/2008 | 1.68 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 6/5/2008 | 0.60 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 6/19/2008 | 0.90 |
| Republican | Prarie Dog WPA | 40.40108 | -99.13241 | 7/9/2008 | 4.20 |