



November 8, 2011

Mr. Steve Griesser
BakkenLink Pipeline LLC
601 Jefferson St., Suite 3600
Houston, TX 77002

**RE: Addendum to the Wetland Delineation and Waterbody Crossing Report
BakkenLink Pipeline LLC**

Dear Mr. Griesser,

Carlson McCain is submitting additional information in support of the Wetland Delineation and Waterbody Crossing Report (Report) filed with the North Dakota Public Service Commission on behalf of BakkenLink Pipeline LLC on October 20, 2011. It was noted at the October 25, 2011, public hearing that wetland delineation(s) had not been performed on certain tracts due to lack of permission to survey. This addendum to the Report provides wetland delineation information for those previously undelineated tracts.

For those tracts where survey permission has now been obtained, wetland and waterbody boundary field delineations were conducted. For the remaining approximately eight (8) miles of the proposed route where survey permission has not been obtained, wetland and waterbody boundaries were delineated using desktop methods in GIS. GIS delineated boundaries were determined using recent aerial photography and Light Detection and Ranging (LIDAR) imagery, National Wetland Inventory (NWI) maps, NRCS soils maps, and USGS 7.5 minute quadrangle base maps. The information presented in this addendum, including the GIS delineated wetland boundary information, is sufficient to allow for determinations of adequacy and jurisdiction by permitting and managing agencies.

The following tables summarize the changes to the Report. Figures depicting the wetland locations and boundaries are attached. Please note that only changes to the Report are presented on the attached figures. For each change, the corresponding figure (revised) from the Report is noted.

Table 1. Summary of Changes by Figure

Addendum Figure	Corresponding Report Figure (Revised)	Summary of Change(s)
1	2	Adjusted IDs 29155095-w1 and 29155095-w2 Field delineated 29155095-s1
2	6	Field delineated 16153095-w1 and 16153095-w2 Confirmed 16153095-w4 and 16153095-w6 not wetlands
3	7	Field delineated 28153095-w1 and 28153095-s1
4	13	Adjusted IDs in section 18150095 Field delineated 18150095-s3

Late filed exhibit 11

Addendum Figure	Corresponding Report Figure (Revised)	Summary of Change(s)
5	14	Field Delineated 14150096-w1 and 14150096-s1 LIDAR delineated 16150095-s1
6	16	LIDAR delineated 15150096-s1
7	29	Field delineated 25146099-s1 and 36146099-s2 LIDAR delineated 36146099-s1
8	30	Field Delineated 18145098-s1
9	35	LIDAR delineated 25145097-w1, 25145097-w2, 25145097-s1 and 28145096-s1
10	41	Orthophoto delineated 10143099-s1

Table 2. Summary of Wetland Changes

Wetland ID (Addendum)	Previous Wetland ID (Report)	Figure	Classification	Acres	SEC	TWP	RNG	Reason for Change
29155095-w1	25155095-w1	1	PEMC	0.12	29	155	95	Updated ID number.
29155095-w2	25155095-w2	1	PEMC	0.03	29	155	95	Updated ID number.
16153095-w1	16153095-w5*	2	PEMA	0.28	16	153	95	Access granted. Number changed after field verification
16153095-w2	16153095-w3*	2	PEMA	0.02	16	153	95	Access granted. Number changed after field verification
N/A	16153096-w6	2	PEMA	0.22	16	153	95	Access granted. Field verified not a wetland
N/A	16153096-w4	2	PEMA	0.17	16	153	95	Access granted. Field verified not a wetland
28153095-w1	28153095-w1	3	PEMA	2.24	28	153	95	Access Granted. Field verified.
14150096-w1	14150099-w1	5	PABFh	0.71	14	150	96	Access Granted. Field verified.
25145097-w1*	25145097-w1*	9	PEMA	0.05	25	145	97	No access. Delineated using LIDAR.
25145097-w2*	25145097-w2*	9	PEMA	0.88	25	145	97	No access. Delineated using LIDAR.

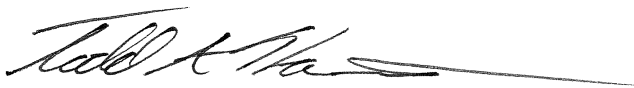
Table 3. Summary of Waterbody Crossing Changes

Waterbody ID	Figure	Waterbody Name	Type	Width (ft)	SEC	TWP	RNG	Reason for Change
29155095-s1	1	Dry Fork Creek	I	17	29	155	95	Access Granted. Field verified.
28153095-s1	3	Unnamed tributary to Dry Creek	I	130	28	153	95	Access Granted. Field verified.
18150095-s3	4	Unnamed tributary to Dry Creek	I	57	18	150	96	Update ID number.
18150095-s4	4	Unnamed tributary to Dry Creek	I	58	18	150	96	Update ID number.

Waterbody ID	Figure	Waterbody Name	Type	Width (ft)	SEC	TWP	RNG	Reason for Change
14151096-s1	5	Unnamed tributary to North Fork Creek	I	42	14	150	96	Access Granted. Field verified.
16150096-s1	5	Unnamed tributary to North Fork Creek	I	183	16	150	96	No access. Delineated using LIDAR.
15150097-s1	6	Unnamed tributary to North Fork Creek	I	98	15	150	98	No access. Delineated using LIDAR.
36148099-s3	24	Little Missouri River	P	928	36	148	99	Update Type
25146099-s1	7	Unnamed tributary to Ranch Creek	I	300	25	146	99	Access Granted. Field verified.
36146099-s1	7	Unnamed tributary to Ranch Creek	I	53	36	146	99	No access. Delineated using LIDAR.
18145098-s2	8	Unnamed tributary to Charlie Bob Creek	I	78	18	145	98	Access Granted. Field verified.
25145097-s1	9	Unnamed tributary to Little Knife River	I	38	25	145	97	No access. Delineated using LIDAR.
28145096-s1	9	Unnamed tributary to Spring Creek	I	55	28	145	96	No access. Delineated using LIDAR.
10143099-s1	10	Unnamed tributary to Whitetail Creek	I	50	10	143	99	No access. Delineated using LIDAR.

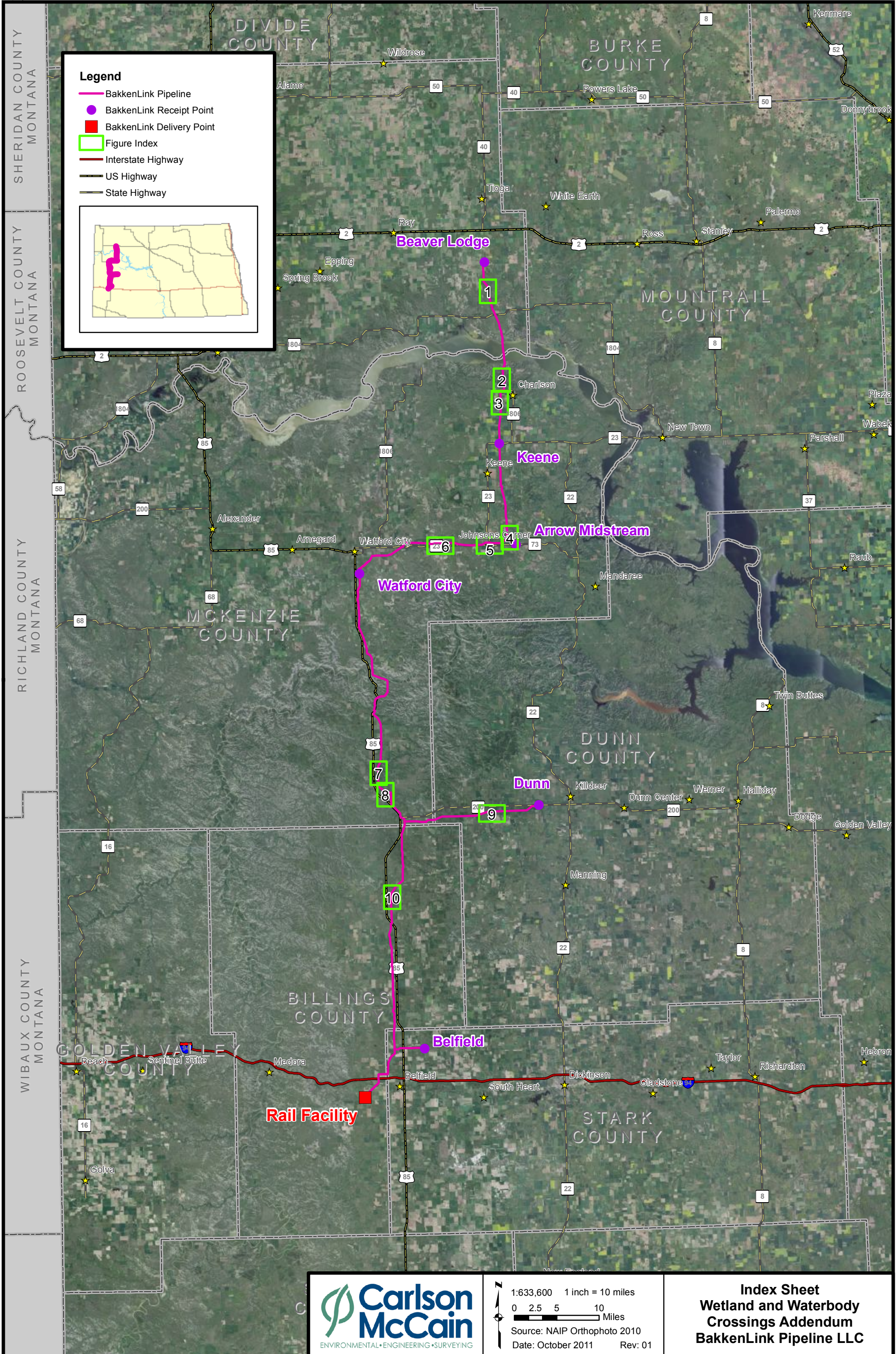
Please call me at 701-255-1475 if you have questions or need additional information

Sincerely,



Todd Hartleben, P.E.
Senior Engineer

Attachment



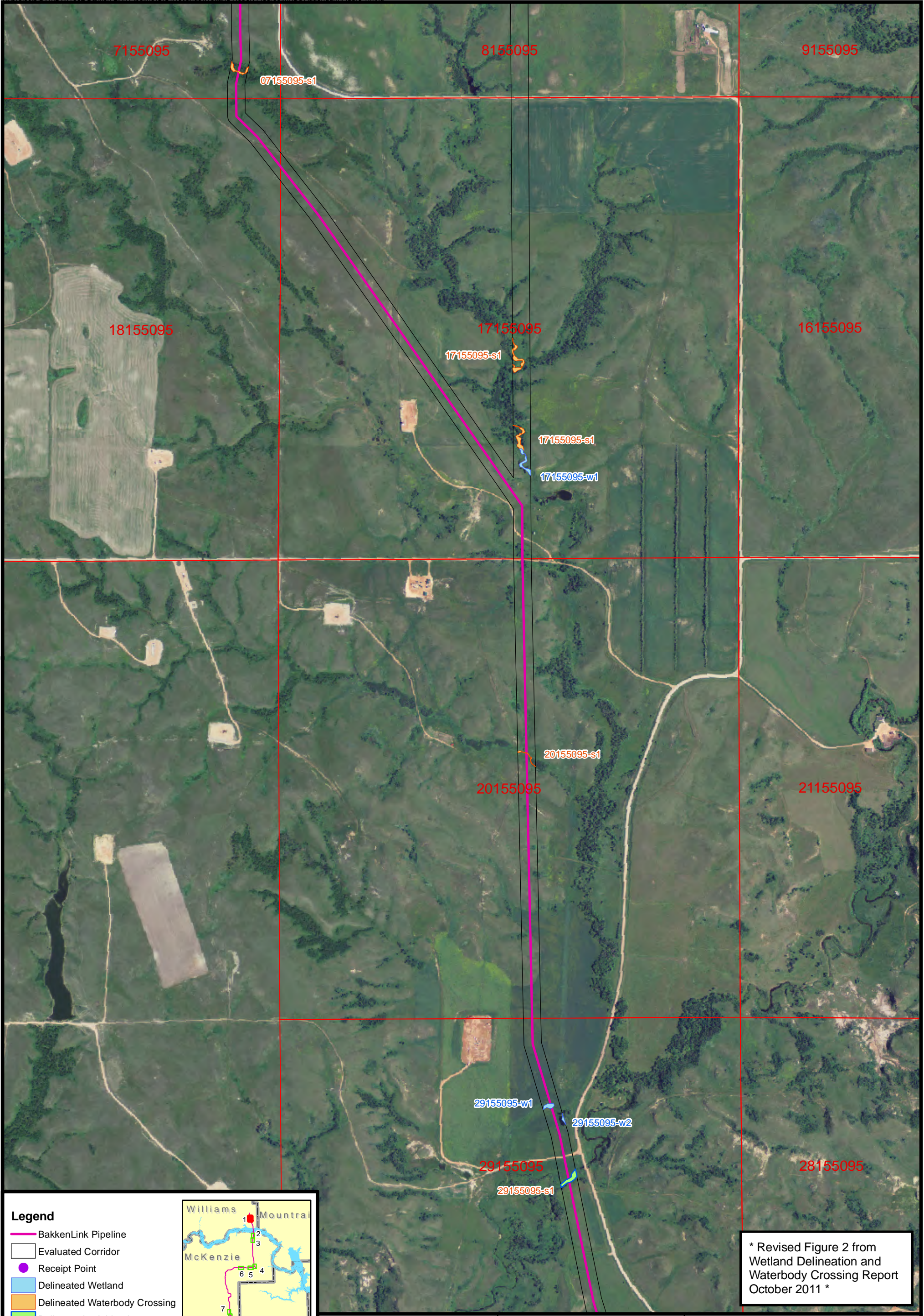
Legend

- BakkenLink Pipeline
- BakkenLink Receipt Point
- BakkenLink Delivery Point
- Figure Index
- Interstate Highway
- US Highway
- State Highway

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1:633,600 1 inch = 10 miles
 0 2.5 5 10 Miles
 Source: NAIP Orthophoto 2010
 Date: October 2011 Rev: 01

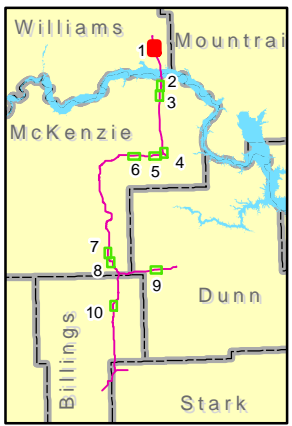
**Index Sheet
 Wetland and Waterbody
 Crossings Addendum
 BakkenLink Pipeline LLC**



* Revised Figure 2 from Wetland Delineation and Waterbody Crossing Report October 2011 *

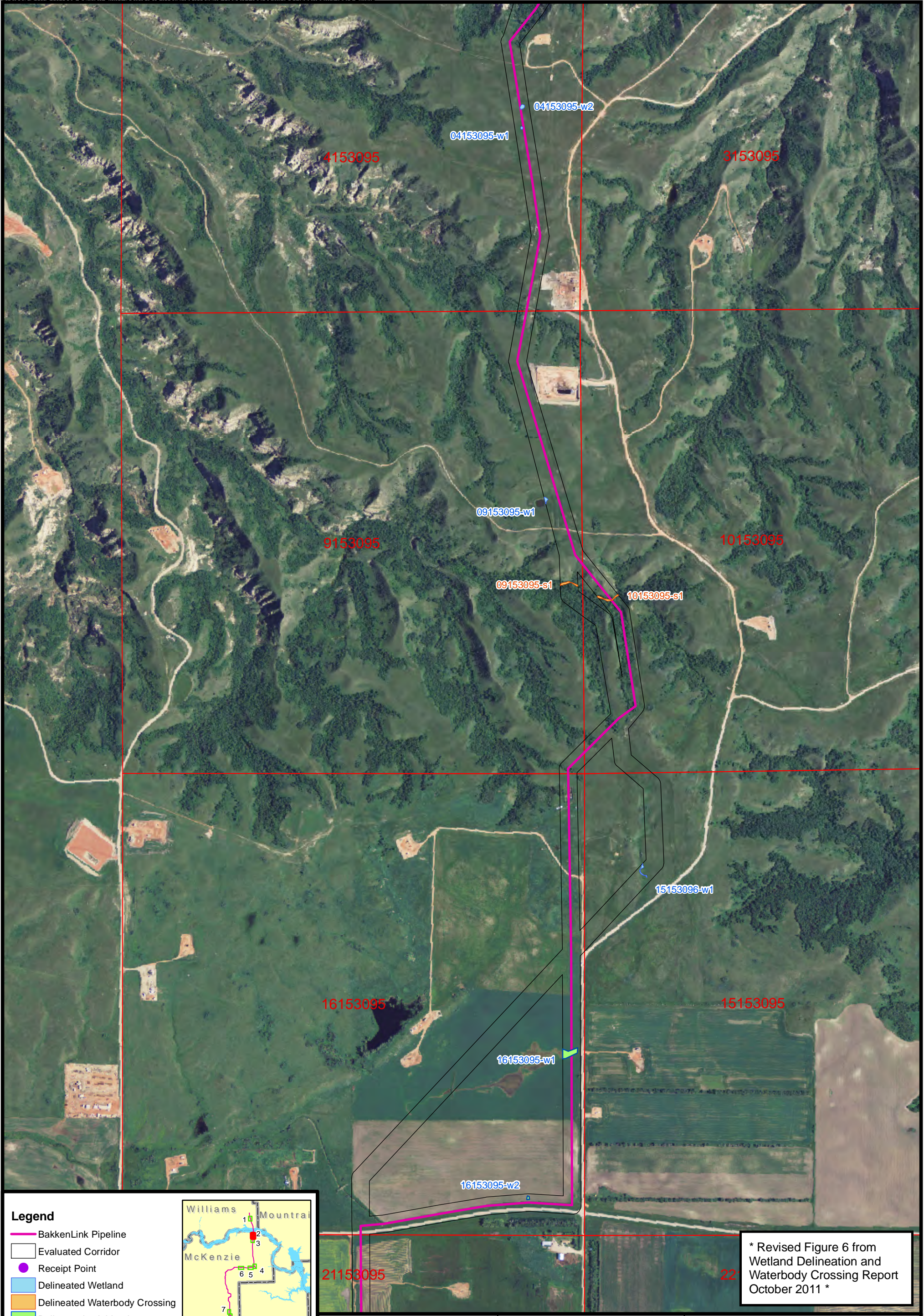
Legend

- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
- Delineated Waterbody Crossing
- Delineated - Addendum
- LIDAR Delineated
- Section Township Range

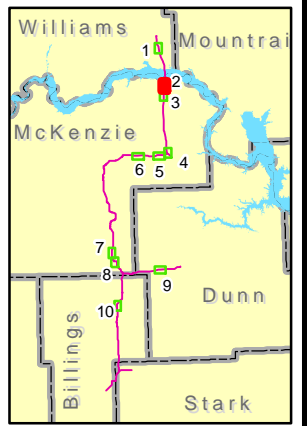


1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 1
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC



- Legend**
- BakkenLink Pipeline
 - Evaluated Corridor
 - Receipt Point
 - Delineated Wetland
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 - Delineated - Addendum
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 - Section Township Range

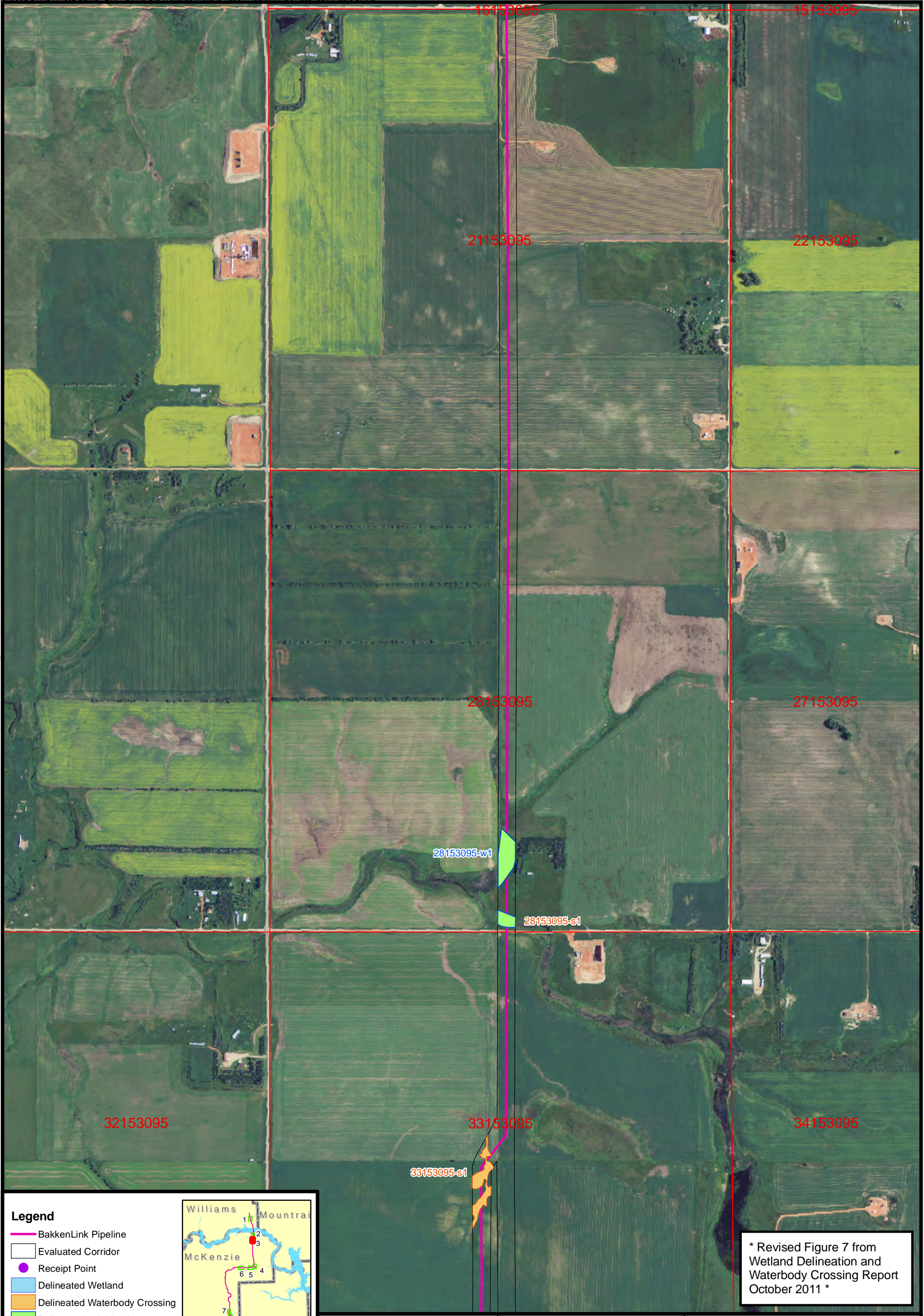


* Revised Figure 6 from Wetland Delineation and Waterbody Crossing Report October 2011 *



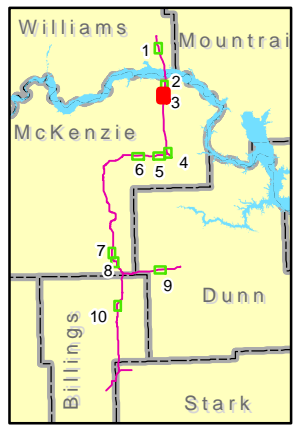
1:12,000 1 inch = 1,000 feet
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 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 2
Wetland and Waterbody Crossings Addendum
BakkenLink Pipeline LLC



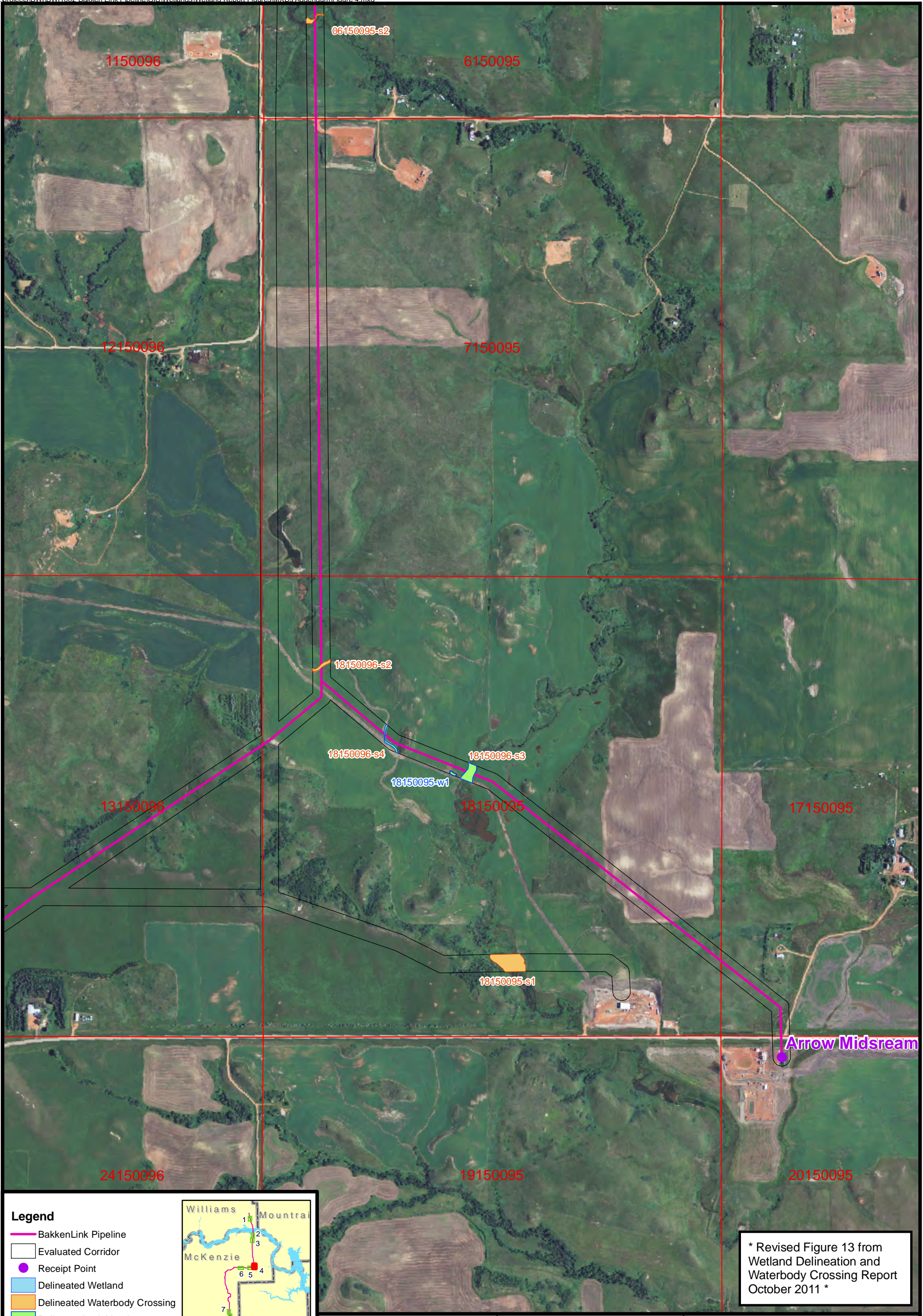
* Revised Figure 7 from Wetland Delineation and Waterbody Crossing Report October 2011 *

- Legend**
- BakkenLink Pipeline
 - Evaluated Corridor
 - Receipt Point
 - Delineated Wetland
 - Delineated Waterbody Crossing
 - Delineated - Addendum
 - LIDAR Delineated
 - Section Township Range



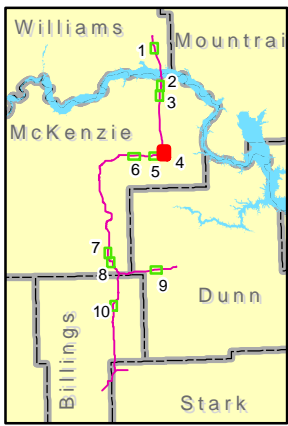
1:12,000 1 inch = 1,000 feet
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 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 3
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC



* Revised Figure 13 from Wetland Delineation and Waterbody Crossing Report October 2011 *

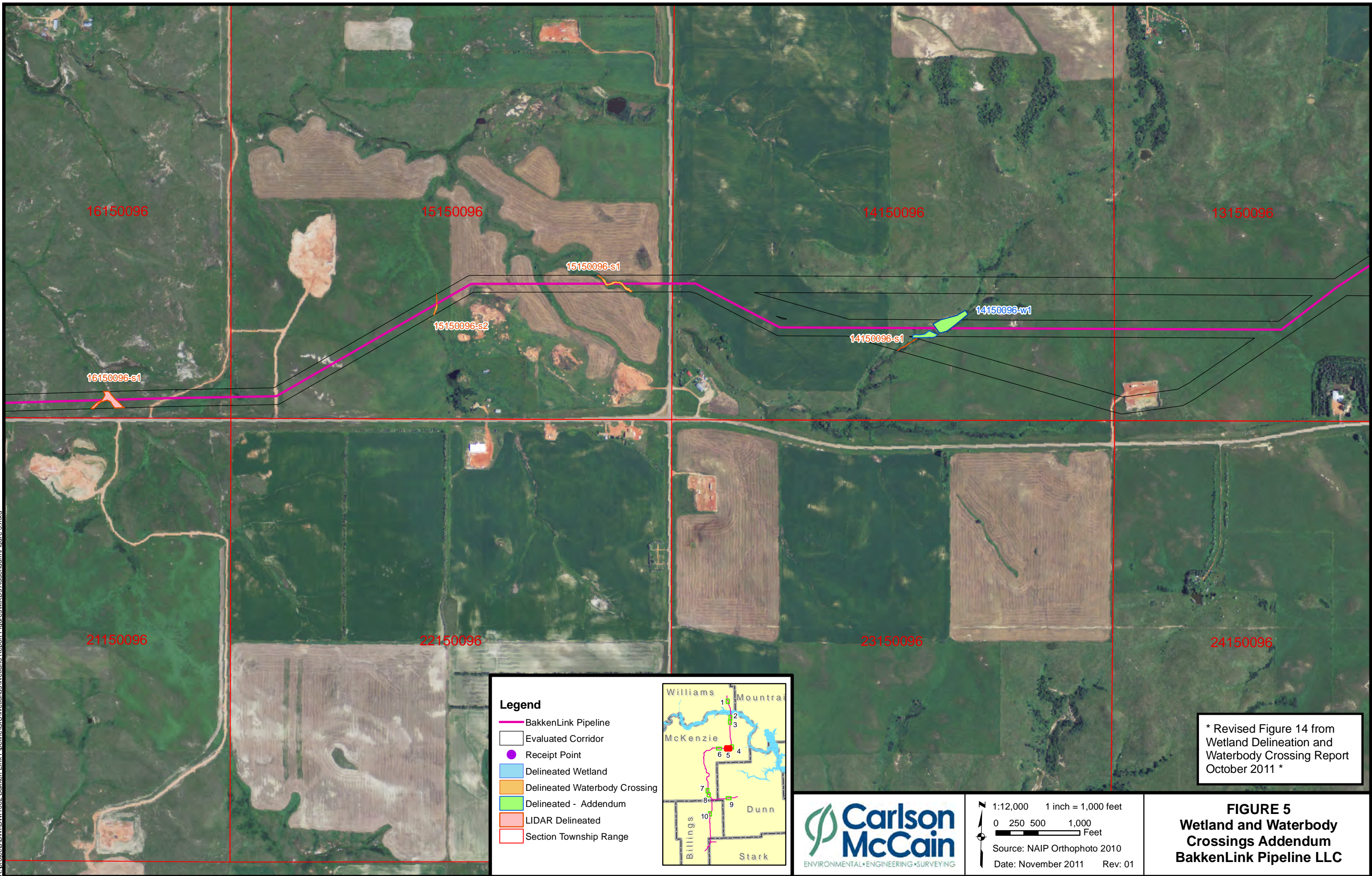
- Legend**
- BakkenLink Pipeline
 - Evaluated Corridor
 - Receipt Point
 - Delineated Wetland
 - Delineated Waterbody Crossing
 - Delineated - Addendum
 - LIDAR Delineated
 - Section Township Range



1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 4
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC

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* Revised Figure 14 from
Wetland Delineation and
Waterbody Crossing Report
October 2011 *

Legend

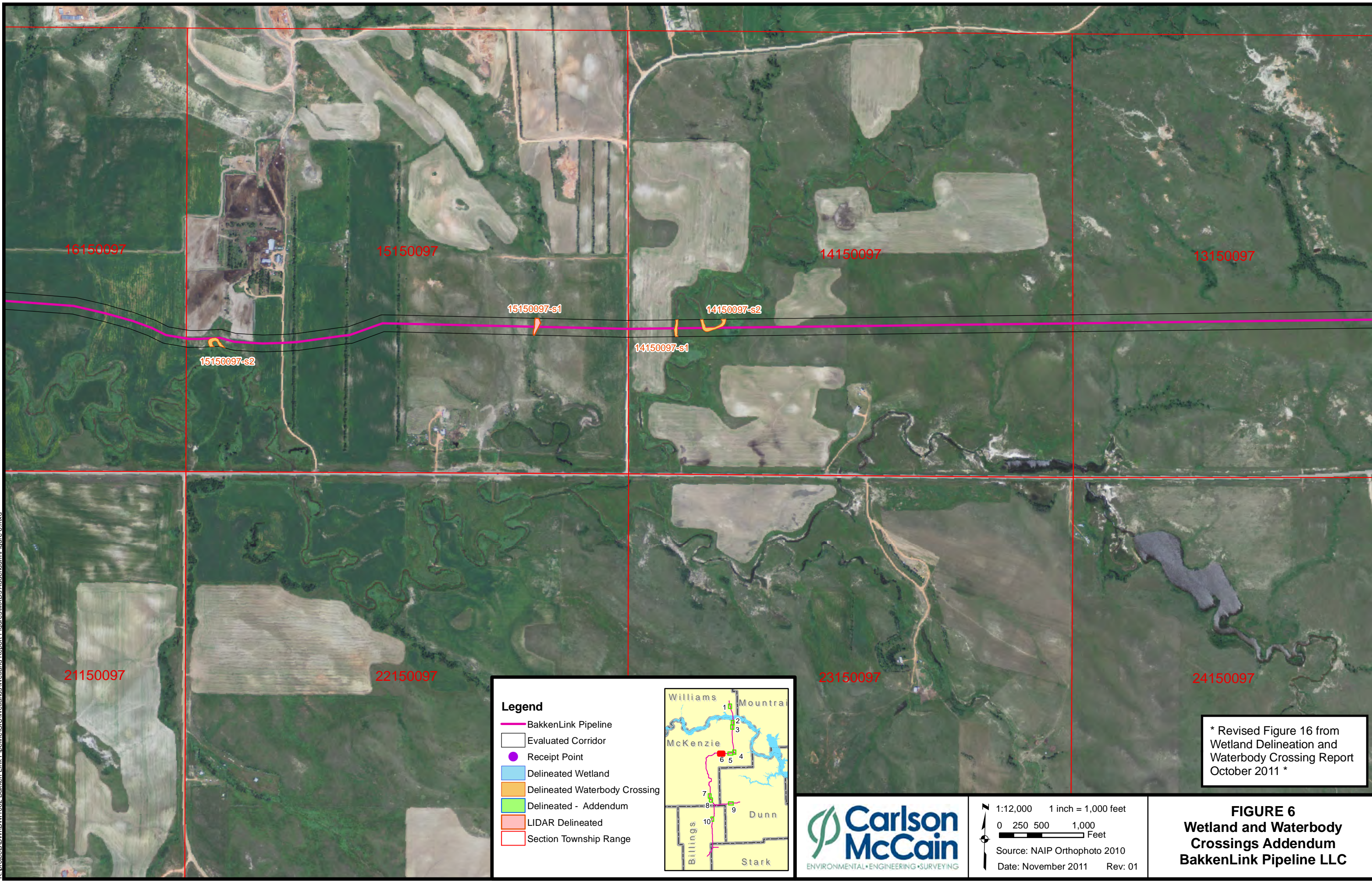
- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
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- Delineated - Addendum
- LIDAR Delineated
- Section Township Range

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1:12,000 1 inch = 1,000 feet
0 250 500 1,000 Feet
Source: NAIP Orthophoto 2010
Date: November 2011 Rev: 01

FIGURE 5
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC

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Legend

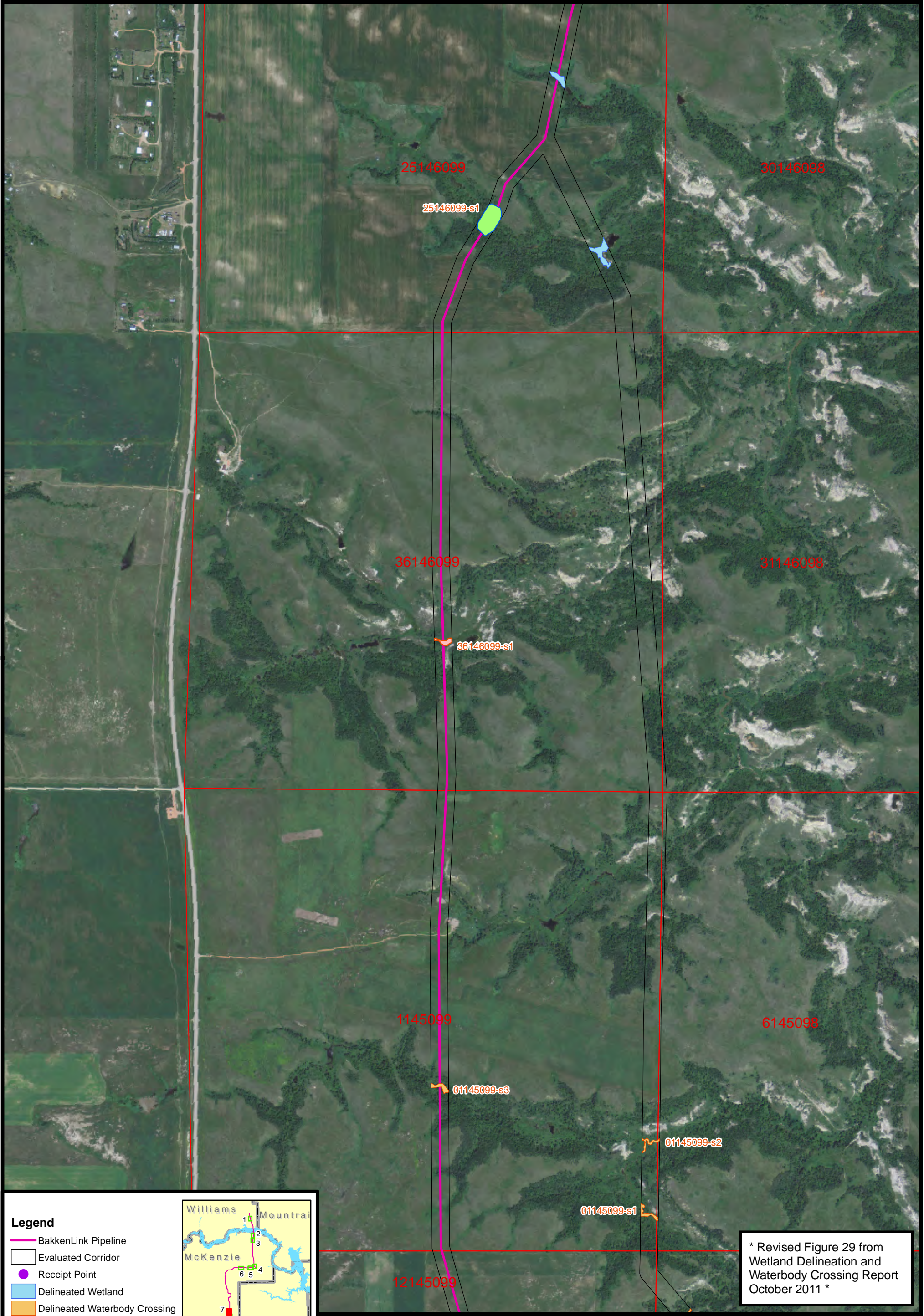
- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
- Delineated Waterbody Crossing
- Delineated - Addendum
- LIDAR Delineated
- Section Township Range

* Revised Figure 16 from
Wetland Delineation and
Waterbody Crossing Report
October 2011 *



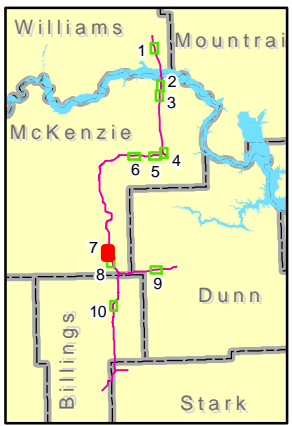
1:12,000 1 inch = 1,000 feet
0 250 500 1,000 Feet
Source: NAIP Orthophoto 2010
Date: November 2011 Rev: 01

FIGURE 6
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC



Legend

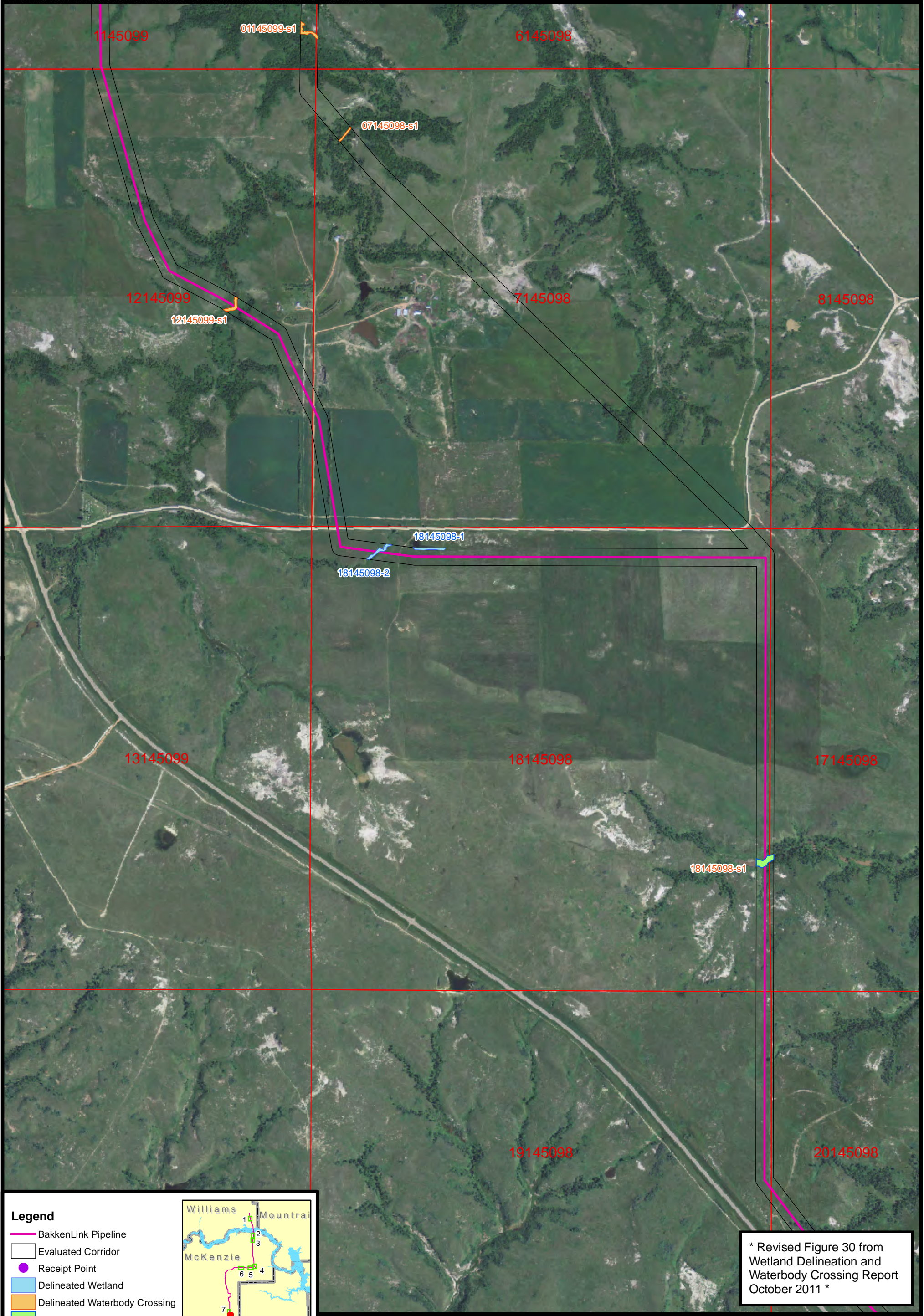
- BakkenLink Pipeline
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- Delineated Wetland
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- LIDAR Delineated
- Section Township Range



1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

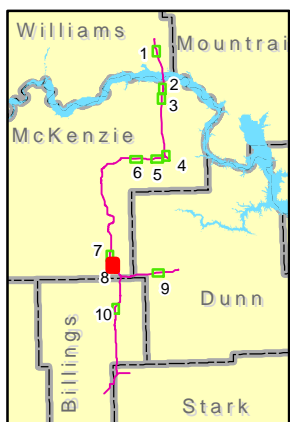
* Revised Figure 29 from
 Wetland Delineation and
 Waterbody Crossing Report
 October 2011 *

FIGURE 7
Wetland and Waterbody
Crossings Addendum
BakkenLink Pipeline LLC



Legend

- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
- Delineated Waterbody Crossing
- Delineated - Addendum
- LIDAR Delineated
- Section Township Range



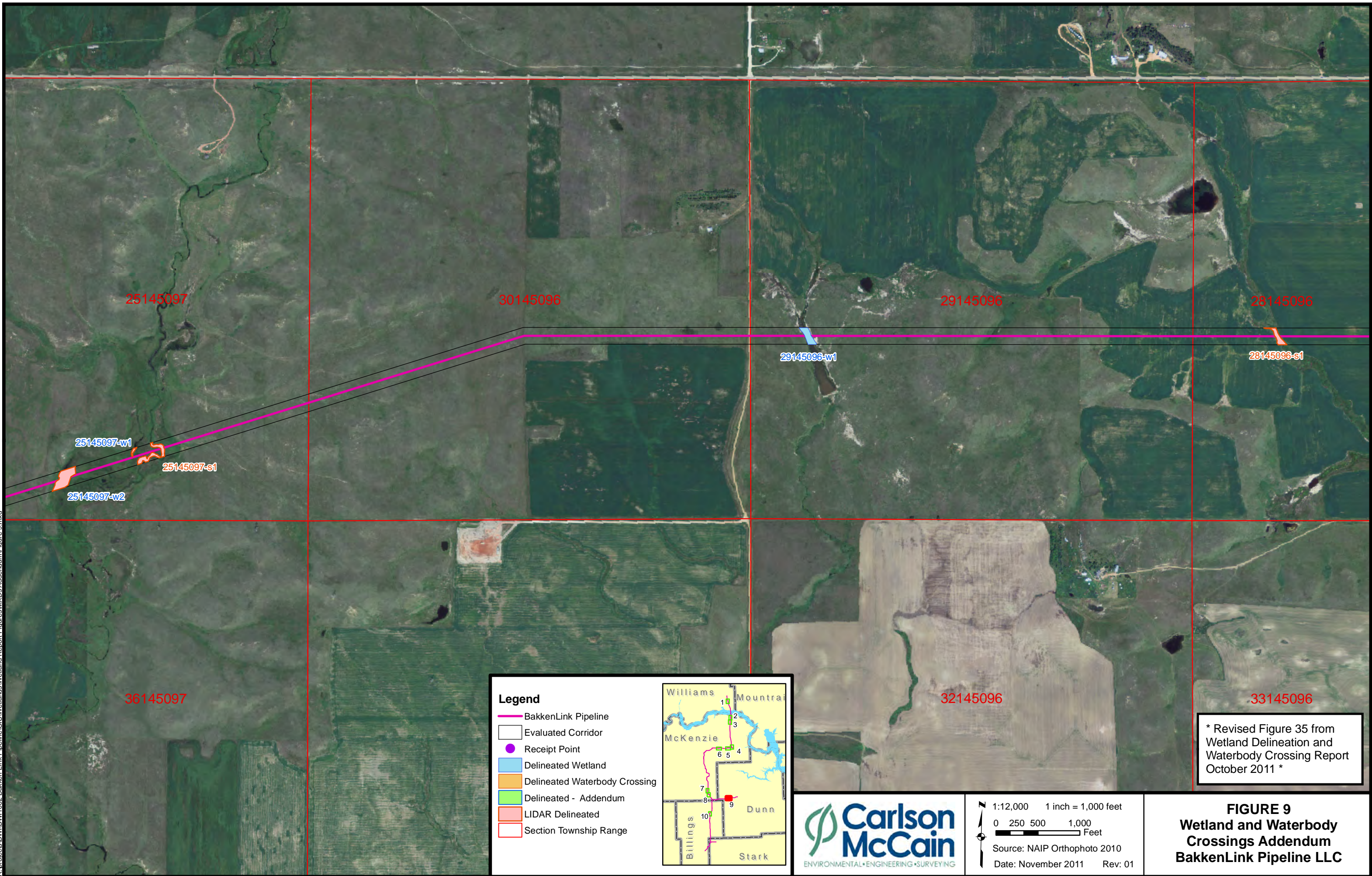
* Revised Figure 30 from Wetland Delineation and Waterbody Crossing Report October 2011 *



1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 8
Wetland and Waterbody Crossings Addendum
BakkenLink Pipeline LLC

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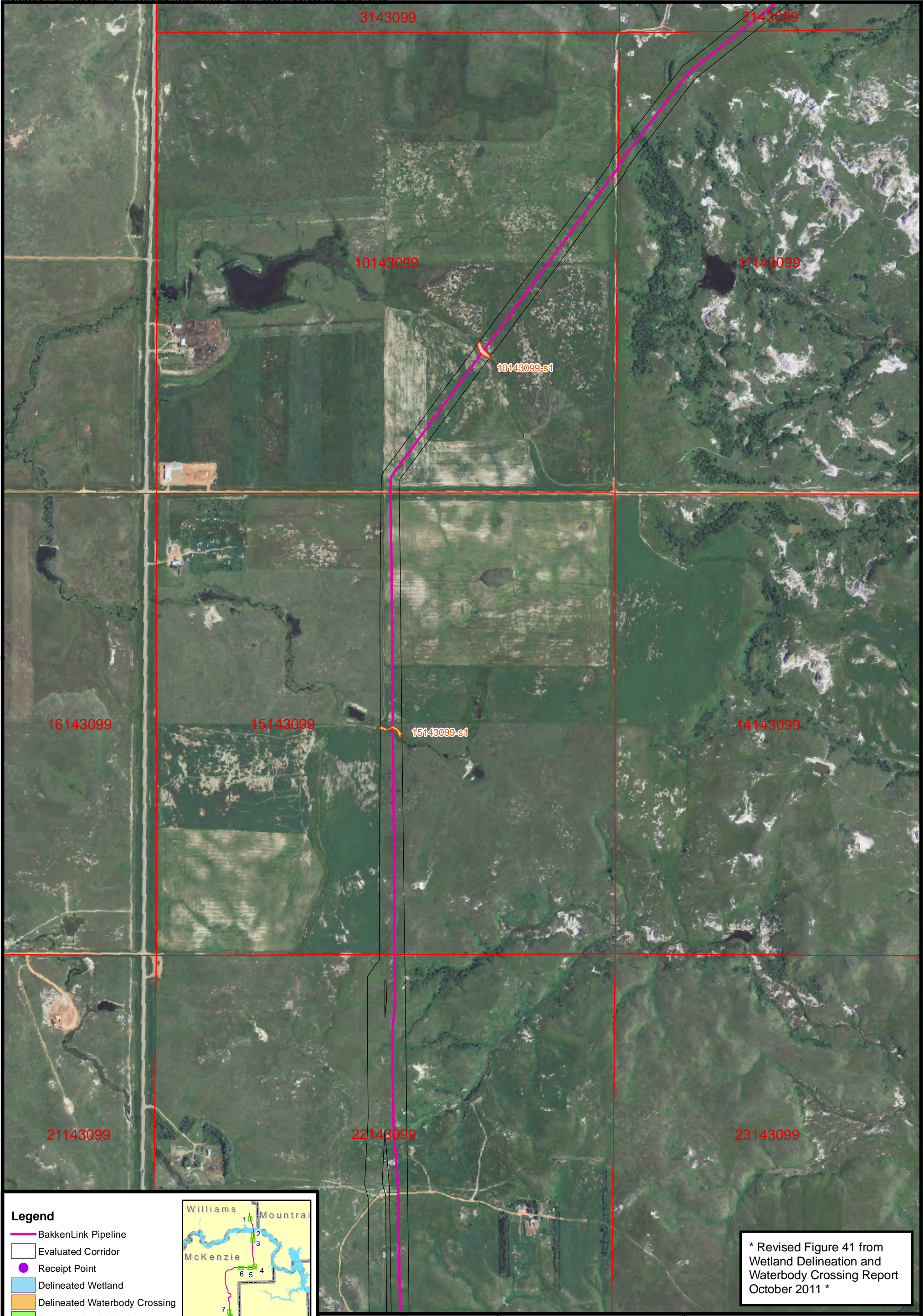
Legend

- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
- Delineated Waterbody Crossing
- Delineated - Addendum
- LIDAR Delineated
- Section Township Range

* Revised Figure 35 from Wetland Delineation and Waterbody Crossing Report October 2011 *

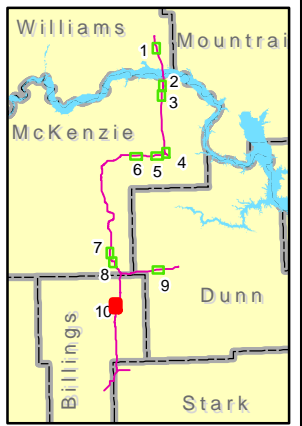
1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 9
Wetland and Waterbody Crossings Addendum
BakkenLink Pipeline LLC



Legend

- BakkenLink Pipeline
- Evaluated Corridor
- Receipt Point
- Delineated Wetland
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- Section Township Range



* Revised Figure 41 from Wetland Delineation and Waterbody Crossing Report October 2011 *



1:12,000 1 inch = 1,000 feet
 0 250 500 1,000 Feet
 Source: NAIP Orthophoto 2010
 Date: November 2011 Rev: 01

FIGURE 10
Wetland and Waterbody
Crossings Addendum
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