



# Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota

Prepared for: Keitu Engineers & Consultants, Inc.

On Behalf of: Hiland Operating, LLC

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Beaver Creek Archaeology, Inc.  
Bismarck, North Dakota

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COUNTY	TWP	R	SEC	SU
<b>Mountrail</b>	<b>152</b>	<b>92</b>	<b>3-4, 10</b>	<b>GA</b>
	<b>153</b>	<b>92</b>	<b>19-21, 26-28, 30, 35</b>	<b>GA</b>
	<b>153</b>	<b>93</b>	<b>3-6, 9-11, 13-15, 24-25</b>	<b>GA</b>
	<b>154</b>	<b>93</b>	<b>7, 18-19, 30-33</b>	<b>GA</b>
	<b>154</b>	<b>94</b>	<b>1-2, 12</b>	<b>GA</b>
	<b>155</b>	<b>93</b>	<b>5-7, 18-19, 30</b>	<b>GA</b>
	<b>155</b>	<b>94</b>	<b>2-3, 25, 36</b>	<b>GA</b>
	<b>156</b>	<b>93</b>	<b>29, 31-32</b>	<b>GA</b>
	<b>156</b>	<b>94</b>	<b>31-36</b>	<b>GA</b>
	<b>McKenzie</b>	<b>150</b>	<b>95</b>	<b>19-20</b>
<b>150</b>		<b>96</b>	<b>4-5, 9-10, 13, 15-16, 23-28</b>	<b>GA</b>
<b>151</b>		<b>96</b>	<b>30-32</b>	<b>GA</b>
<b>151</b>		<b>97</b>	<b>7-11, 14-16, 23-25</b>	<b>GA</b>
<b>151</b>		<b>98</b>	<b>7-14</b>	<b>GA</b>
<b>151</b>		<b>99</b>	<b>2-3, 9-12, 16-18</b>	<b>GA</b>

COUNTY	TWP	R	SEC	SU
McKenzie	151	100	7-8, 13-18, 22-23	GA
	151	101	1-2, 4-5, 7-12	GA
	151	102	2-6, 11-12	YE
	151	103	1-5	YE
	151	104	1-2, 4-5, 8	YE
	152	102	6-7, 18-19, 30-31	GA
	152	103	31-34	GA
	152	104	33-36	YE
	Williams	152	103	1-3
153		102	31	GA
153		103	2, 11, 13-14, 23-26, 36	GA
154		102	26-30, 35	GA
154		103	2, 11, 13-14, 23-24, 26, 35	GA
155		95	6	GA
155		96	1-6	GA
155		97	1-6, 11	GA
155		98	1-3, 7-10	GA
155		99	1-6, 12	GA
155		100	1-3	GA
155		102	1-7, 18-19	GA
155		103	13, 24-26, 35, 36	GA
156		95	18-20, 29-36	GA
156		96	2, 11-13, 24	GA
156		100	27-34	GA
156		101	27-36	GA
156		102	25, 33-36	GA
157		95	5, 8, 17-20, 29-32	GA
158		95	5-8, 17-20, 29-30, 32	GA
159	95	7, 17-18, 20, 29, 32	GA	

## **Abstract**

The purpose of this investigation was to survey for cultural resources within the final 7,159 acre Area of Potential Effect of the proposed Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota. Due to reroutes during the inventory, a total of 7,441 acres (which encompasses the entire project area) was surveyed for cultural resources.

This project is proposed to be constructed on private property. Due to the Public Service Commission (PSC) involvement in the project, the applicant must comply with Section 106 of the National Historic Preservation Act (NHPA). The NHPA requires the applicant to consider what effects the undertaking will have on Historic Properties within the APE.

Keitu Engineers & Consultants, Inc. on behalf of Hiland Operating, LLC contracted Beaver Creek Archaeology, Inc. (BCA) to conduct this study to fulfill the Section 106 obligations for this project. Between May 28, 2013 and September 9, 2013, Lindsey Reiners (Field Director), Brittany Brooks (Crew Chief), Eric McCann, Kevin Mieras, Tara Friend, and Erica Kramer (Staff Archaeologists) conducted the Class III Cultural Resource Inventory. Wade Burns was PI for this project.

During the cultural resource inventory, 21 previously recorded sites, 81 newly recorded sites and three isolated finds were found. Due to cultural resources within the proposed APE, a plan of avoidance is proposed, and as long as this is followed, Beaver Creek Archaeology, Inc. recommends a finding of *No Adverse Effect* for this project.

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## Introduction

Keitu Engineers & Consultants, Inc. contracted Beaver Creek Archaeology, Inc. (BCA) to perform a Class III Intensive Cultural Resource Inventory of the Market Center Pipeline project in Mountrail, McKenzie, and Williams Counties, North Dakota, on behalf of Hiland Operating, LLC. The Area of Potential Effect (APE) covers 7,159 acres (see map in Appendix B). A total of 7,441 acres was inventoried during this project due to reroutes during the inventory. The land status is private property.

The legal locations for the APE are presented below in a tabular format as depicted on the USGS 7.5' Blue Buttes SE, Johnsons Corner, Schafer SE, Demicks Lake, Timber Prong Creek, Watford City NE, Watford City NW, Camp Creek East, Camp Creek West, Cartwright NE, Trenton, Buford, Dore (MT), Trenton SW, Trenton NW, Trenton NE, Otter Tail Creek, Bonetrail SE, Epping, Spring Brook, Blacktail Lake SE, Ray, Ray SE, Tioga SW, Tioga SE, Tioga, McGregor, Big Meadow, Rate Lake, Manitou, Belden SW, Rat Lake SE, Rat Lake SW, and Newtown quadrangle maps.

**Table 1.** Market Center Pipeline Project Location:

County	Locations		
	Township	Range	Sections
Mountrail	152	92	3-4, 10
	153	92	19-21, 26-28, 30, 35
		93	3-6, 9-11, 13-15, 24-25
	154	93	7, 18-19, 30-33
		94	1-2, 12
	155	93	5-7, 18-19, 30
		94	2-3, 25, 36
	156	93	29, 31-32
		94	31-36
	McKenzie	150	95
96			4-5, 9-10, 13, 15-16, 21, 23-28
151		96	30-32
		97	7-11, 14-16, 23-25
		98	7-14
		99	2-3, 9-12, 16-18
		100	7-8, 13-18, 22-23
		101	1-2, 4-5, 7-12
		102	2-6, 11-12
		103	1-5
		104	1-2, 4-5, 8
152		102	6-7, 18-19, 30-31
		103	31-34
	104	33-36	
Williams	152	103	1-3
	153	102	31

County	Locations		
	Township	Range	Sections
Williams	153	103	2, 11, 13-14, 23-26, 36
	154	102	26-30, 35
		103	2, 11, 13-14, 23-24, 26, 35
	155	95	6
		96	1-6
		97	1-6, 11
		98	1-3, 7-10
		99	1-6, 12
		100	1-3
		102	1-7, 18-19
		103	13, 24-26, 35-36
	156	95	18-20, 29-36
		96	2, 11-13, 24
		100	27-34
		101	27-36
		102	25, 33-36
	157	95	5, 8, 17-20, 29-32
	158	95	5-8, 17-20, 29-30, 32
	159	95	7, 17-18, 20, 29, 32

The file search was conducted at the State Historical Society of North Dakota (SHSND) by Raina Hanley, Mary Mortensen, and Eric McCann of Beaver Creek Archaeology, Inc. on February 12, April 22-23, May 3 and 13, August 20, and September 12, 2013. Between May 28, 2013 and September 9, 2013, Lindsey Reiners (Field Director), Brittany Brooks (Crew Chief), Eric McCann, Kevin Mieras, Tara Friend, and Erica Kramer (Staff Archaeologists) inventoried the project area. Wade Burns was PI for this project. This report will detail the result of that inventory.

## **Project Overview and Inventory Methodology**

The project consists of the construction of petroleum pipeline for Hiland Operating, LLC. A 250 foot wide, 236 mile long pipeline corridor (7,159 acres) was originally inventoried for cultural resources. Due to reroutes during the inventory, a total of 7,441 acres (which encompasses the entire project area) was surveyed for cultural resources (see map Appendix B).

The APE was inventoried by the BCA archaeologists walking parallel linear pedestrian transects between 10-20 meters apart based upon terrain probability for cultural resources. Shovel probes were implemented if the Ground Surface Visibility (GSV) dropped below 30%.

When a cultural resource was encountered, the location was marked with pin-flags and the surrounding area was intensely scrutinized to determine the nature and extent of the resource. The resource was then plotted on a USGS 7.5' Quadrangle map and sketch-map with a Trimble GPS unit. Cultural Resources consists of any historic or prehistoric district, site, structure, or object (usually) over 50 years of age.

Throughout the survey, field notes and overview pictures of the APE were taken (see photos in Appendix A). Copies of maps, field notes, and photographs are located at the BCA main office in Bismarck, North Dakota.

## **Environmental Setting**

### ***Garrison Study Unit***

The project lies primarily within the Garrison Study Unit (GSU), which is located in the northwestern part of North Dakota. The study unit is situated within the Glaciated Missouri Plateau Subsection, of the Great Plains Physiographic Province (SHSND 2008b:6.1). Knob-and-kettle glaciated terrain and other glacial features are common on the Coteau du Missouri. Named streams include the Big Muddy Creek, Painted Woods Creek, Douglas Creek, Shell Creek and Deepwater Creek. Named rivers include the Little Muddy River, Little Knife River and White Earth River (SHSND 2008b:6.1-6.6).

Temperatures vary immensely by season with warm summers and cold winters. Precipitation averages around 16 inches annually, most of which falls as rain during the spring and summer months. Prevailing winds throughout the year average around 16 mph from the west-northwest (SHSND 2008b:6.6).

Landforms in this area consist of glaciated uplands, breaks terrain, valley wall side slopes and foot slopes, draws, alluvial terraces, and floodplains. This area of North Dakota is situated in the Northern Temperate Grasslands biome. The mixed grass prairie is dominated by western wheatgrass, blue grama, and needle-and-thread. This grassland provided good habitat for large game animals, such as bison and antelope. Gallery forests grew along the Missouri River and other tributaries and provided a suitable environment for white-tailed deer and small mammals such as muskrat and porcupine. Hardwood draws of bur oak, green ash, and juniper are part of transition zones between the grasslands and floodplain forests. Food plants in the area include chokecherry, buffaloberry, and gooseberry (SHSND 2008b:6.7).

In general, the faunal diversity in the area at contact time was as great as or greater than anywhere in the state (SHSND 2008b:6.8). Animals that could be hunted for meat, hides,

feathers, teeth, bones, etc., included bison, elk, antelope, white-tailed deer, mule deer, bighorn sheep, mountain lion, coyote, foxes, eagles, hawks, owls, and a variety of waterfowl, fish, turtles, and mussels (SHSND 2008b:6.8).

Today the area contains an agricultural-based economy. Wheat, corn, sunflowers and grasslands comprise the project area. Tree cover is limited to wind blocks surrounding farmsteads and along riparian areas.

This biotic diversity along with the availability of water makes this setting favorable for human settlement, both during prehistoric and historic time-periods. One prominent natural resource in this area is Knife River Flint (KRF), which is abundant and has been quarried for centuries by native peoples. In addition, good quality Tongue River Silicified sediment, chalcedonies, and silicified wood attracted people to the area. These stones are capable of conchoidal fracturing and are ideal for stone tool production.

### ***Yellowstone River Study Unit***

A portion of the project area lies within the Yellowstone River Study Unit (YRSU), which is located in part of McKenzie County and one township in Golden Valley County as well as the township in Williams County containing the Yellowstone-Missouri river confluence. The study unit is situated within the McKenzie Upland physiographic region (SHSND 2008b:13.1). The area is comprised of rolling plains and prominent buttes in the badlands. Named streams include the Horse Creek, O'Neil Creek, Charbonneau Creek, and Antelope Creek. Named rivers include Yellowstone River and Missouri River (SHSND 2008b:13.1-13.6).

This is one of the warmer parts of the state with the annual mean temperature of approximately 42°F. Precipitation averages around 14 inches annually, most of which falls as rain during the spring and summer months. The area gets less snow than the rest of the state (SHSND 2008b: 13.6).

Landforms in this area consist of badlands terrain with horizontally bedded clay and silt bedrock exposures formed into canyons, ridges, and buttes and gently rolling shortgrass prairie. In addition, in the Yellowstone valley, prominent landforms include valley wall side slopes and foot slopes, alluvial fans, river terraces, and floodplains. This area of North Dakota is situated in the mixed grass prairie and floodplain forest biomes. Grama grass, sage, buckbrush, prickly pear, juniper, hawthorne, and buffaloberry dominate the mixed grass prairie. This grassland provided good habitat for bison and antelope. The

floodplain forest is situated along the bottomlands and is dominated by cottonwood, box elder, aspen, and other grasses, forbs, and shrubs (SHSND 2008b:13.6).

The faunal diversity in the area provided local groups animals which could be exploited for food, hides, feathers, teeth, bones, etc., included bison, antelope, big horn sheep, white-tailed deer, mule deer, coyote, white-tail jackrabbit, beaver, raccoon, prairie rattlesnake, bullsnake, eagles, hawks, owls, and a variety of fish and freshwater mussels (SHSND 2008b: 13.7).

Today the area contains an agricultural-based economy. Wheat, corn, sunflowers, and grasslands comprise the project area. Tree cover is limited to wind blocks surrounding farmsteads and along riparian areas.

This biotic diversity along with the availability of water makes this setting favorable for human settlement, both during prehistoric and historic time-periods. One prominent natural resource in this area is Knife River Flint (KRF), which is abundant and has been quarried for centuries by native peoples. In addition, good quality Yellowstone agate, chalcedonies, and silicified wood attracted people to the area. These stones are capable of conchoidal fracturing and are ideal for stone tool production.

## **Native American Cultural Background**

### ***Garrison Study Unit***

The majority of archaeological sites found within the Garrison Study Unit are stone circle sites, followed by cultural material scatters and cairn sites. These types of sites are most often found on ridge and hill settings (SHSND 2008b:6.9). The project is located near the Missouri River and several populated towns, and the site distribution is dense within a one-mile radius of the APE (where the file search was conducted). The archaeological horizons encountered in North Dakota are as follows:

### **Paleo-Indian Period (9500-5500 B.C.)**

Due to the amount of sediment erosion and deposition that has taken place across the landscape since early Holocene times, it is difficult to locate intact Paleo components in the GSU. However, areas near tributaries on ridge top and terrace settings have yielded plant and animal remains and shed light on Paleo-Indian subsistence patterns and lithic technologies. The Beacon Island site (32MN243A), for example, is an Agate Basin site that contains intact, unmixed, and datable remains of *Bison antiquus* and the Moe site (32MN101), which contains Folsom and later Paleo remnants, was found above today's reservoir water level. The most significant areas to discover Paleo-Indian remnants have been in the Knife River flint (KRF) principal source area and in or near the Missouri

River valley. Knife River flint was the flint of choice to early groups producing lithics in this region (SHSND 2008b:6.63-6.65). “Two lithic technological procedures prominently represented at sites in the GSU are Folsom fluting and blade production” (SHSND 2008b:6.64). The Moe site yielded Folsom, Plainview (or Goshen), Agate Basin, Parallel-Oblique Flakes, and Scottsbluff points.

#### **Plains Archaic Period (5500-400 B.C.)**

Middle and Late Plains Archaic deposits are found in quickly deposited sedimentary context, which correlate with erosion in the uplands from subsequent drought. Plains Archaic remnants have frequently been discovered in upland settings as well as in terrace and riverbank locations. The Middle and Late Archaic components at the Mondrian Tree site (32MZ58) yielded bone remains of bison, antelope, elk, deer, beaver, and canids. This site also has evidence of summertime collecting and processing of plant foods, such as goosefoot, marsh elder, knotweed, dogbane, wild grape, hedge nettle, and mallow, with a sandstone grinding slab and quartzite mano (SHSND 2008b:6.66-6.67).

Early Plains Archaic components are indicated by finds of Simonsen points. Oxbow, McKean, Duncan, and Hanna points represent Middle Plains Archaic components. Late Plains Archaic components are indicated by finds of Yonkee and Sandy Creek points. Numerous Early, Middle, and Late Plains Archaic projectile point styles have proven to be reliable cultural/temporal indicators for relative dating in the GSU (SHSND 2008b:6.67-6.68).

#### **Plains Woodland Period (400 B.C.–A.D. 1200)**

Environmentally favorable conditions, the development of biomass, peaked twice during the Plains Woodland period, which coincide with the peak of the Besant/Sonota culture of the Middle Plains Woodland period and Late Plains Woodland period to early Plains Village period. Besant/Sonota components are rather common. Mortuary sites, such as the Boeckel-Renner site (32ME799), along with a large number of sites in the area indicate that people with the Middle Plains Woodland Besant/Sonota material culture had permanent occupation within the GSU. Site 32ME947 is a stratified, multi-component bison kill and processing site with a Middle and Late Plains Woodland components, which is associated with the Old Women’s complex. Other Late Plains Woodland cultures in the GSU are represented by Avonlea and Mortlach (SHSND 2008b:6.69-6.70). “Subsistence remains from the Mortlach component at the Evans site (32MN301) include bison, swift fox, coyote, deer, duck, and charred plum seed. Bison scapula digging tools were found, but not any remains of garden crops” (SHSND 2008b:6.71).

Ceramic technologies in the area show up around the Middle Plains Woodland period at sites such as the Nightwalker’s Butte (32ML39), the Evans site, and the Mondrian Tree

site (32MZ58). Mortlach ceramics display substantial variability in decoration and vessel form. Lithic technologies also show stylistic variation in the Late Plains Woodland period with Prairie Side-Notched points, Avonlea points, and other variations of side- and corner-notched points. Obsidian, from southeastern Idaho, of possible Besant/Sonota cultural affiliation was recovered from the Boeckel-Renner site (SHSND 2008b:6.71-6.73).

**Plains Village Period (A.D. 1200-1780)**

Prior to 1780, the GSU was mainly an area of hunting camps and temporary settlements. “Field camps were established in a sheltered tributary stream valley setting at the Mondrian Tree site (32MZ58)” and specialized activities went on in an adjacent open upland rim setting at the Edna Mae site (32MZ369) (SHSND 2008b:6.74-6.75). Sometime within the middle of the Plains Village period, there was a drought episode, during which time the subsistence base was diminished and conflict arose. As a result, settlements, such as the White Earth Creek site (32MN101), had fortification ditches and palisade walls with bastions to protect their people (SHSND 2008b:6.73-6.75).

Besides hunting, the Plains Villagers grew corn, melons, pumpkins, and beans. Several ceramic temporal trends occurred during the Plains Village period via vessel forms and types of decoration. These are associated with the Knife River phase and Scattered Village complex. Exotic nonlocal shell, such as dentalium and abalone shell, and other trade goods have been found at the Mondrian Tree site (SHSND 2008b:6.75-6.76).

**Equestrian/Fur Trade Period (A.D. 1780-1880)**

The advent of the Fur Trade and increased Euro-American contact in the 19<sup>th</sup> century brought about many changes in the traditional culture of groups such as the Mandan, Hidatsa, and Arikara. The Fort Berthold Reservation was established in 1870 for the Mandan, Hidatsa, and Arikara to protect them from hostile Equestrian Nomads (SHSND 2008b:6.76). Metal tools and implements obtained via trade replaced traditional items of stone, bone, wood, shell, and clay. The gun ascended to a place alongside the bow and arrow in basic weaponry. Hunting parties set up temporary tipi camps during different seasons of the year, and these settlements functioned as the field camps of pedestrian hunter-gatherers. Many of these locations, unless repeatedly reoccupied or marked by stone circles, probably contain little in the way of identifiable material traces in the archaeological record. The horse-mounted hunting and gathering peoples subsisted on bison; however, wild plant foods, other wild animal foods, and garden produce received in exchange with settled Village gardeners also were significant components of the diet (SHSND 2008b:6.76-6.78).

Intertribal trade that occurred during the Equestrian period has its beginning in prehistoric times. The Hidatsa traded with the Crow, Dakotas, Cheyenne, and others to the south and southwest (SHSND 2008b:6.78). Fur trade between Indians and non-Indians within the GSU, such as between the Assiniboine and Fort Kipp, began around 1826. Besides trading, there are a number of written and ethnographic accounts of horse-mounted Indian groups using this area, such as the Crow, Dakota, Cheyenne, Assiniboine, and Hidatsa. The Crows traveled through here going between their Big Horn Mountain territory and their Missouri River village homeland. There may have been territorial continuity between the Crow and the Hidatsa from the time the two split in the 1500s until the Hidatsa were drastically weakened by the plagues in the late 1700s (SHSND 2008b:6.77-6.79).

### **Reservation Era (A.D. 1880-present)**

Between 1850 and 1870, the United States government created reservations to separate the Native Americans and the influx of settlers. Where they were once able to move freely, Native Americans were now restricted to a designated area. In 1887, the Dawes Act divided tribal land into individual land allotments as a means of assimilating Native Americans into Euro-American society. By using individual land allotments as a means of breaking tribal culture, the United States government sought to cease their way of life and force conversion to Christianity, farming, and education of children at boarding schools. Children were taken from their family and placed in boarding schools (Indian schools), such as the Fort Stevenson Indian School, Bismarck Indian School, and the Carlisle Indian School in Pennsylvania, and were prohibited from using their language, practices, and culture and emphasized Euro-American culture. Today, the Dawes Act is considered the most destructive policy dealing with Native peoples (MHA Nation 2012a and 2012b; SHSND 2008c).

In 1934, in an effort to rectify some of the damage done, the Indian Reorganization Act was established that secured certain rights to Native Americans. This included the reversal of the Dawes Act and a return to local self-government on a tribal basis. However, in the late 1940s and early 1950s the Indian Reorganization Act was disassembled. The plan was to establish a policy that would eliminate tribal status all together. In 1975, the Indian Self-Determination and Education Assistance Act was enabled. This policy meant to allow tribal autonomy while still benefitting from government treaty obligations. American Indian Religious Freedom Act of 1978 was created to protect and preserve the traditional religious rights and cultural practices of Native Americans. In addition to Self-Determination, other laws were passed such as the Indian Civil Rights Act, the Indian Financing Act, and the Indian Child Welfare Act (SHSND 2008c).

Today, reservations have tribal government, which administers many governmental, economic, health, welfare, and educational programs. There are still problems on Indian Reservation, such as poverty, crime, and alcoholism; however, there is also economic growth because of small independent business, farming, and gaming (MHA Nation 2012c).

### ***Yellowstone River Study Unit***

The majority of archaeological sites found within the Yellowstone River Study Unit are cultural material scatters, followed by cairn sites, and stone circle sites. These types of sites are most often found on ridge, terrace, and hill settings (SHSND 2008b:13.9). The project is located near the Missouri River, and the site distribution is moderate within a one-mile radius of the APE (where the file search was conducted). The archaeological horizons encountered in North Dakota are as follows:

#### **Paleo-Indian Period (9500–5500 B.C.)**

Finds of only a few distinctively styled lanceolate projectile points provide the only evidence of Paleo-Indian settlement in the YRSU and include a Scottsbluff point found at 32WI102, a possible kill site. Older terraces of the Yellowstone valley and surrounding uplands would have provided a favorable habitat for plant and animal species that would attract human settlement to the area. Pleistocene megafauna were found in the region and would have been available to early hunter-gatherers. Knife River flint was the flint of choice to early groups producing lithics in this region as well as locally available stone such as Porcellanite and Antelope Chert (SHSND 2008b:13.57-13.59).

#### **Plains Archaic Period (5500–400 B.C.)**

Middle and Late Archaic deposits are found in quickly deposited sedimentary context, which correlate with erosion in the uplands from subsequent drought. Plains Archaic remnants have frequently been discovered in upland settings as well as in terrace and riverbank locations. Early, Middle, and Late Plains Archaic complexes such as the Logan Creek, Oxbow, Hanna, Duncan, and Pelican Lake are some of the best represented components presently known from the YRSU. A low-density lithic scatter at site 32MN473 indicated a brief Late Plains Archaic encampment located on a terrace between two intermittent streams. Subsistence strategies are thought to have involved a mixture of hunting and gathering practices as indicated by bison, antelope, deer, and canid remains as well as the presence of grinding slabs and manos at Middle and Late Plains Archaic sites. Furthermore, evidence of large quantities of fire-cracked rock indicates the importance of stone boiling to prepare food at campsites (SHSND 2008b:13.59-13.60).

Early Plains Archaic components are indicated by finds of Simonsen and Oxbow points as evident of a Simonsen point found near the head waters of Cherry Creek, which is a sign of the Logan Creek-Mummy Cave culture as well as a KRF Oxbow point found at the headwaters of Lonesome Creek, indicative of the Oxbow culture. McKean, Duncan, Hanna, and Yonkee points represent Middle Plains Archaic components. Late Plains Archaic components are indicated by finds of Pelican Lake and Sandy Creek points. Projectile points were made of locally available raw materials such as KRF, Yellowstone agate, and Porcellanite (SHSND 2008b:13.59-13.61).

**Plains Woodland Period (400 B.C.–A.D. 1200)**

The Plains Woodland period is represented by the Middle Plains Woodland Besant/Sonota complex and the Late Plains Woodland Avonlea and Mortlach components. Site 32MZ333 and 32MZ334 are two Besant/Sonota complex sites dating to 2,000 years ago. Site 32MZ333 yielded stone tools, flaking debris from tool production and repair, bone from food processing, potsherds, and hearths. The type and amount of culture material present as well as the site location indicates that the site was a hunting or field camp rather than a residential base. The potsherds recovered from 32MZ333 had crushed granite temper and a smoothed-over cord marked exterior, a style and technique of the Besant/Sonota complex (SHSND 2008b:13.61-13.63).

Lithic technologies show variation in the Late Plains Woodland period with Prairie Side-Notched points, Avonlea points, and other variations of side- and corner-notched points. Avonlea points have been found at several sites in McKenzie County. Obsidian, from the northern Rockies, suggests direct or indirect contact with people in the Rocky Mountain region (SHSND 2008b: 13.62-13.63).

**Plains Village Period (A.D. 1200–1780)**

The lower Yellowstone valley appears to have been used occasionally by Plains Villages as a core area within which permanent settlements, most likely fortified, were established. Some Plains Village sites in the YRSU include the Scraper site (32WI34), the Cheney Creek site (32MZ27), the Highway site (32MZ484) and site 32MZ767, none of which are permanent settlements. Ethnographic information indicates that the Hidatsa exploited the Yellowstone basin during seasonal bison hunts. Besides hunting, the Plains Villagers grew corn, melons, pumpkins, and beans (SHSND 2008b:13.64-13.65).

Several ceramic temporal trends occurred during the Plains Village period via vessel forms and types of decoration. These are associated with the Mortlach complex and Scattered Village complex. Lithic assemblages of the Plains Villages include large, thin, bifacially flaked, unilateral cutting tools set in bison rib hafts and bipolar flakes and were used to process meat and hides. Plains Villagers were active in long distance trade with

other Northern Plains groups. The Highway site is a probably Plains Village field camp that yielded obsidian flakes, indicating regional trade of exotic resources (SHSND 2008b:13.65-13.66).

### **Equestrian/Fur Trade Period (A.D. 1780–1880)**

The advent of the Fur Trade increased Euro-American contact in the 19<sup>th</sup> century, and the reliance upon horse for transportation brought about many changes in the traditional culture of groups such as the Hidatsa and Assiniboine. Metal tools and implements obtained via trade replaced traditional items of stone, bone, wood, shell, and clay. The gun ascended to a place alongside the bow and arrow in basic weaponry. Temporary camps, such as the Garden Coulee site (32WI18), were set up by hunting parties during different seasons of the year, and these settlements functioned as the field camps of pedestrian hunter-gatherers. Many of these locations, unless repeatedly reoccupied or marked by stone circles, probably contain little in the way of identifiable material traces in the archaeological record. Subsistence of the horse-mounted hunting and gathering peoples was founded on bison; however, wild plant foods, other wild animal foods, and garden produce received in exchange with settled Village gardeners also were significant components of the diet (SHSND 2008b:13.67-13.68).

Intertribal trade that occurred during the Equestrian period has its beginning in prehistoric times. Fur trade between Indians and non-Indians within the YRSU, such as between the Blackfeet and Fort Union, began with the establishment of a fur post in 1828, later renamed Fort Union, which provided a local source of Euro-American trade goods to various native groups. In 1866, Fort Buford, a US military installation, took over trading operations. Besides trading, there are a number of written and ethnographic accounts of horse-mounted Indian groups using this area, such as the Crow, Dakota, Cheyenne, Assiniboine, and Hidatsa. The Crows traveled through here going between their Big Horn Mountain territory and their Missouri River village homeland. There may have been territorial continuity between the Crow and the Hidatsa from the time the two split in the 1500s until the Hidatsa were drastically weakened by the plagues in the late 1700s (SHSND 2008b:13.67-13.68).

### **Reservation Era (A.D. 1880-present)**

Between 1850 and 1870, the United States government created reservations to separate the Native Americans and the influx of settlers. Where they were once able to move freely, Native Americans were now restricted to a designated area. In 1887, the Dawes Act divided tribal land into individual land allotments as a means of assimilating Native Americans into Euro-American society. By using individual land allotments as a means of breaking tribal culture, the United States government sought to cease their way of life and force conversion to Christianity, farming, and education of children at boarding

schools. Children were taken from their family and placed in boarding schools (Indian schools), such as the Fort Stevenson Indian School, Bismarck Indian School, and the Carlisle Indian School in Pennsylvania, and were prohibited from using their language, practices, and culture and emphasized Euro-American culture. Today, the Dawes Act is considered the most destructive policy dealing with Native peoples (MHA Nation 2012a and 2012b; SHSND 2008c).

In 1934, in an effort to rectify some of the damage done, the Indian Reorganization Act was established that secured certain rights to Native Americans. This included the reversal of the Dawes Act and a return to local self-government on a tribal basis. However, in the late 1940s and early 1950s the Indian Reorganization Act was disassembled. The plan was to establish a policy that would eliminate tribal status all together. In 1975, the Indian Self-Determination and Education Assistance Act was enabled. This policy meant to allow tribal autonomy while still benefitting from government treaty obligations. American Indian Religious Freedom Act of 1978 was created to protect and preserve the traditional religious rights and cultural practices of Native Americans. In addition to Self-Determination, other laws were passed such as the Indian Civil Rights Act, the Indian Financing Act, and the Indian Child Welfare Act (SHSND 2008c).

Today, reservations have tribal government, which administers many governmental, economic, health, welfare, and educational programs. There are still problems on Indian Reservation, such as poverty, crime, and alcoholism; however, there is also economic growth because of small independent business, farming, and gaming (MHA Nation 2012c).

## **Euro-American Cultural Background**

The majority of historic sites within North Dakota are farmsteads/homesteads from the late 19<sup>th</sup> century and early 20<sup>th</sup> century.

### **Dakota Territory (1858-1889)**

The Dakota Territory consisted of the northernmost part of the land acquired from France in the 1803 Louisiana Purchase and in 1818 the United States acquired the northeastern portion of the Dakota Territory in a treaty with Great Britain. The Dakota Territory included North Dakota, South Dakota and much of present-day Montana and Wyoming. After becoming an incorporated territory in 1861, the population was slow to increase due to Indian attacks. Eventually, the population increased during the “Dakota Boom,” from 1870 to 1880, as a result of the railroad growth and the Homestead Act of 1862. Many of the settlers came from Germany and the Scandinavian countries of Norway and

Sweden. The economic base was organized around agriculture, mining, and cattle ranching (FWP 1938).

*Fur Trade* – Before and after the Lewis and Clark 1803 expedition, explorers such as Sieur de la Vérendrye, David Thompson, Charles Chaboillez, Alexander Henry, and Manuel Lisa ventured into the area either looking for trade routes or to establish fur trading posts. Consequently, “between 1806 and 1850 Spaniards from St. Louis, Frenchmen from Quebec, Scots and Britons from Hudson’s Bay and Montreal, and Americans working either as free traders or engages for a dozen fur companies” headed into the region (FWP 1938; Lamar 1996:27).

*Forts* – The majority of the forts in the region were constructed in the 19<sup>th</sup> century. Their purpose included trading outposts, primarily fur trade and military posts for the protection of supply routes, trails, trade, and settlers. These forts, prior to the introduction of the railroad were along rivers such as the Missouri, Yellowstone, Heart, and Red rivers. Some of the more notable forts include Fort Mandan, Fort Lisa, Fort Henry, Fort Clark, Fort Union, Fort Abercrombie, Fort Berthold, Fort Buford, Fort Rice, Fort Totten, and Fort Abraham Lincoln (FWP 1938; SHSND 2008a).

*Trails* – Two major trails, the River Trail and the Ridge Trail, branches of the network of Red River Trails in the Red River Valley, originally were Native American trails that were later used by Euro-American fur traders. The Red River Trails connected fur trading posts, where they hauled furs and goods by ox cart. Later, the trails also connected military posts, where military supplies and men were sent. These military posts (e.g., Fort Abercrombie, Fort Totten, and Fort Ransom) also protected the trails as well as the people traveling up and down the trails. Eventually the trails and ox carts were replaced by the railroad (Gilman *et al.* 1979).

A notable trail in the western part of the region is the Bismarck-Deadwood Stage Trail (1887-1880). This trail was a stagecoach and supply line that ran between Bismarck, the western terminus of the Northern Pacific Railroad and the Black Hills gold town of Deadwood in Dakota Territory. There was transportation and economic booms associated with this trail and that boom ended when the railroad reached Pierre and an alternate line opened (SHSND 2008a).

*River Boats* – The Missouri and Red rivers were important to the settlement and expansion of the Dakota Territory and were used the most for river transportation. Riverboats such as rafts, sailboats, rowboats, Mackinaws, keelboats, and steamboats brought explorers and fur traders into the Dakota Territory; however, the keelboat and

steamboat were probably used more often due to their carrying capacity. “Keel boats were used primarily from 1800 to 1840, when they were replaced by steamboats” (Miller 2012). This type of boat floated high in the water allowing it to travel on shallow rivers and was able to carry 15 to 30 tons of cargo. River transportation becomes increasingly important for transporting goods to outposts and return furs downstream.

Steamboats eventually replaced the keelboats and were used for cargo and passenger transportation. The riverboat industry became a popular mode of transportation as it was much easier to deliver goods to remote areas by boat than overland routes. In addition, “settlers and visitors could also travel much more safely by taking steamboats” (Burns 2004:14). The demise of riverboat transportation occurred for several reasons: (1) less shipping of passengers and cargo, (2) scarcity of wood yards, (3) inconvenient climate, (4) labor unrest, and (5) the railroad. Shipping on the Red River continued until 1912 and until the 1930s on the Missouri River (Burns 2004).

*Railroad* - Major development of the railroad in the Dakota Territory occurred in the 1870s and 1880s between the Northern Pacific Railroad and the Great Northern Railroad. Moreover, the success of the railroad was primarily because of agriculture and increasing settlement. Federal land grants were given to the Northern Pacific Railroad, who in turn sold the land, while the Great Northern Railroad bought its lands from the federal government and promoted settlement along its lines (FWP 1938).

*Agriculture* – The Federal Homestead Act of 1862 offered free land to anyone over 21 years-old who would cultivate and improve his 160 acres of land and live on it for 5 years. An additional 160 acres could be obtained for a tree claim and a third track of land could be acquired before or after the land was surveyed. Crops planted and harvested included spring wheat, durum, flaxseed, barley, oats, sugar beets, corn, hay, red clover, alfalfa, sweet clover, and seed potato. Ranching of cattle and sheep, poultry raising, and bee keeping was done on farms (FWP 1938).

Bonanza farms or large farms so-called because of their almost fabulous yields of wheat open to settlement in 1863. The main purpose of Bonanza farms was to demonstrate the potential wealth of the Red River Valley. Most of these farms were owned by companies in the east, with resident managers and were run like factories with hundreds of men and used advanced farming methods. Bonanza farms thrived in the Red River Valley during the last two decades of the 19<sup>th</sup> century; however, they were eventually subdivided into smaller farms (FWP 1938).

**North Dakota (1889-Present)**

North Dakota became the 39<sup>th</sup> state to enter the Union on November 2, 1889. After statehood, industrial development increased. The railroad industry expanded and peaked in 1905 through competition between the Great Northern Railway and the Soo Line. Large lignite mines opened and local brickworks and flourmills flourished in the state. Entrepreneurs built store, shops, and offices along Main Street and town squares. While rural areas still relied on small local general stores, city consumers had more choice with locally owned department retail stores. In 1919, the Bank of North Dakota at Bismarck opened and has become a large and powerful economic force. “The State Mill and Elevator at Grand Forks, completed in 1922, provided a market for grain and a source of feed and seed [and] the state hail insurance program benefitted many farmers until its elimination in the 1960s” (SHSND 2012).

Farm homes in the eastern part of the state were small, close together with well-painted modernized buildings surrounded by neat lawns and tree groves. They had modern conveniences like electricity, telephones, radios, and cars. In the central part of the state, farms were not as modernized as eastern North Dakota but were well kept. In western North Dakota, the shacks erected to establish residence under the Federal Homestead Act were still in use in the early 20<sup>th</sup> century (FWP 1928).

For North Dakota, the 1920s and 1930s were an economic depression, starting with the 1920 collapse of wartime prices for grain. In 1921, more banks closed than in any other year, resulting in farm foreclosures. At the same time, farm size increased and many farmers mechanized their operations. A dramatic shift to motorized transportation put a greater emphasis on better roads and bridges (SHSND 2012).

The Great Depression of the 1930s slowed progress and spurred change. Rural population decreased while the city population grew. As a result of the price decline of farm produce, cooperatives enjoyed a renewed popularity as farmers banded together to market their produce and reduce the cost of farming. Farmers Unions built local elevators and organized oil cooperatives that served the needs of the rural community. Despite economic problems, crop failures, dust storms, and extreme weather, North Dakota visibly modernized during the 1930s. Federal relief programs improved highways, state parks, and city services throughout the state. State departments undertook public health and safety problems, and a movement for consolidated law enforcement was started with the formation of a State Highway Patrol in 1935. “Rural schools consolidated at an increasing rate. Public utilities extended their reach through development or rural electric cooperatives; the first, Baker Electric of Cando, energized its lines in 1938” (SHSND 2012).

Immediately, after Franklin Roosevelt took the oath of office he began passing a series of laws aimed at putting people back to work, restore faith in the banking system, and shore up the economy (SHSND 2012). Among these laws included the Works Progress Administration (WPA) and the Civilian Conservation Corps (CCC). In North Dakota between 1935 and 1942, the WPA built 20,373 miles of highways and streets, 821 new bridges and viaducts, 166 miles of sidewalks, 15,012 culverts, 503 new public buildings, 61 building additions, 680 outdoor recreation facilities, 809 water wells, two irrigation projects, 39 sewage treatment plants, and nine water treatment plants, as well as other reconstructions and repairs (Robinson 1966:408). In June of 1933, some 235,000 men were enrolled in the CCC to work on federal and state public improvement projects. They built national forest trails, campsites, and visitor centers in state and national parks as well as roads and dams (SHSND 2012).

In the 1940s, with more favorable weather and improved crop yields, farmers benefitted by the higher prices stimulated by America's entry into World War II. Moreover, by the end of the war, farm debt had dropped noticeably. After the war, the industrial economy continued to prosper. "In 1946, the demand for Missouri River flood control and diversion of the river's waters for irrigation and industrial development were rewarded with initiation of construction on the Garrison Dam" (SHSND 2012). The development of natural resources expanded in 1951 when oil was discovered within the Bakken near Tioga. Communication and interstate transportation systems improved and expanded in the 1950s. By the 1960s, two large Air Force Bases, one in Minot and the other in Grand Forks, had been built as a modern continuation of an historic role in Federal military strategy that began in the 1860s. Moreover, in the 1950s, as private auto transportation increased, the use of passenger rail service declined, railroads had increasingly become a means of hauling freight (SHSND 2012).

The 1960s signified the start of large-scale energy development as a result of high demand, which lead to the development of power plants and coal strip mines. An oil boom occurred in 1978 as a result of high international crude oil prices, causing increase in the population of towns such as Dickinson, Williston, and Watford City. This oil boom and subsequent population increase did not last as worldwide oil prices declined in 1981 and oil workers moved away (SHSND 2012). Another oil boom started in 2008 and is still ongoing and resulted in enough oil and gas jobs to give North Dakota the lowest unemployment rate in the United States. In addition, the oil boom as supplied economic growth in other areas such as the service industry (Rocco 2013).

## **Survey Conditions**

Weather conditions ranged from clear to overcast skies, with temperatures ranging from 50-90°F. The APE is located within harvested wheat fields, planted fields, and rangeland. Vegetation in the area consists of wheat, soy beans, oats, sugar beets, clover, and native and non-native grasses, plants, forbs, trees and shrubs. During the course of the inventory, the GSV ranged from 30-70%, varying on location. As the GSV never dropped below 30%, no shovel probes were implemented. Areas of higher visibility, such as erosion features, areas of sparse vegetation and rodent burrows were also closely examined for cultural material.

## **Project Results**

To be eligible for inclusion on the National Register of Historic Places (NRHP), a site must usually be more than fifty years old, retain its integrity of location, design, setting, materials, workmanship, feeling, and association and it must meet one of the following criteria:

- (a) Associated with events that have made a significant contribution to the broad patterns of our history; or
- (b) Associated with the lives of persons significant in our past; or
- (c) Embody distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinctions; or
- (d) Have yielded, or may be likely to yield, information important in prehistory or history.

### ***File Search***

The file search was conducted at the SHSND by Raina Hanley, Mary Mortensen, and Eric McCann of BCA on February 12, April 22-23, May 3 and 13, August 20, and September 12, 2013. The purpose of the file search is primarily to identify previously recorded archaeological and historical sites, and to identify previous inventories in the area. A total of 236 sites, 99 site leads, and 69 isolated finds were recorded within a one-mile radius of the APE; and 145 manuscripts were on file within the sections of the APE (see Appendix C, Tables 7-9). Twenty-one previously recorded sites were located within or near the APE.

### ***Intensive Pedestrian Survey***

BCA cultural resource staff conducted the Class III Cultural Resource Inventory within the APE between May 28, 2013 and September 9, 2013. The Secretary of the Interior (SOI) qualified archaeologist Wade Burns (PI), and Lindsey Reiners (Field Director), and Brittany Brooks (Crew Chief) along with Eric McCann, Kevin Mieras, Tara Friend, and Erica Kramer (Staff Archaeologists) inventoried the project area. Jay Ell and Mary Mortensen (GIS Coordinator) created the project maps. During the inventory, cultural resources were found within the APE. The findings include 73 stone feature sites, one CM Scatter site, seven historic/architectural sites, and three isolated finds.

### ***Summary and Recommendations***

Between May and September, 2013, BCA conducted a Class III Cultural Resource Inventory of the proposed project area. The Class III Inventory of the original APE covered a pipeline corridor approximately 236 miles long with the majority of the corridor 250 feet wide (7,159 acres). A total of 7,441 acres was inventoried for the proposed project due to reroutes during the inventory. The location of the APE can be seen on the maps located in Appendix B.

During the cultural resource inventory, 102 sites (21 previously recorded sites and 81 newly recorded sites) as well as three isolated finds were found in or near the APE (see Table 6). Sixteen of these sites are inside the APE (see Table 3). There are 48 sites completely avoided by the APE due to a series of reroutes and as a result, they are no longer inside the APE (see Table 4). Of the 48 sites in Table 4, 28 sites are within 100 feet of the APE. The remaining 20 sites are no longer near the APE due to reroutes. The isolated finds are not eligible and no avoidance by the project is necessary.

Fourteen sites within the APE were previously impacted by the original Market Center Pipeline, which did not require an archaeological inventory at the time of design and construction (see Table 2). Of these fourteen sites, three were previously recorded. Site 32MN562 was impacted by an existing pipeline and is now ineligible to the National Register of Historic Places (NRHP) as the site was destroyed. The eastern side of site 32MZ1719 has been impacted by the existing pipeline. However, the site still retains integrity and is considered potentially eligible to the NRHP and should be avoided in the future. Site 32WI104 is located in an agricultural field and was impacted by the construction of a well pad and is ineligible to the NRHP so no avoidance is necessary. The remaining 11 impacted sites were disturbed by the existing pipeline. These remaining sites are either avoided by a series of reroutes, or are avoided by the narrowing of the APE, and as a result will not be further impacted by the proposed project.

*Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota*

**Table 2.** Previously Impacted Sites.

SITS #	Description	NRHP Status	Recommendation
32MN562 (Update)	Cairns (Destroyed)	Ineligible	No Avoidance Necessary
32MZ1719	Cairn, CM Scatter	Unevaluated	Avoidance
32WI104 (Update)	CM Scatter	Ineligible	No Avoidance Necessary
32WI1393	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1394	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1395	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1396	Stone Circles	Unevaluated	Avoidance
32WI1397	Stone Circles	Unevaluated	Avoidance
32WI1398	Stone Circles	Unevaluated	Avoidance
32WI1400	Stone Circles	Unevaluated	Avoidance
32WI1402	Stone Circles, Stone Arc	Unevaluated	Avoidance
32WI1403	Stone Circle	Unevaluated	Avoidance
32WI1415	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1416	Stone Circles, Rock Alignment	Unevaluated	Avoidance

**Table 3.** Sites Inside the APE.

SITS #	Description	NRHP Status	Recommendation
32MN562 (Update)	Cairns (Destroyed)	Ineligible	No Avoidance Necessary
32MN900	Historic Depression	Ineligible	No Avoidance Necessary
32MN1093	Farmstead	Ineligible	No Avoidance Necessary
32MN1111	Farmstead	Ineligible	No Avoidance Necessary
32MN1127	Historic Depression	Ineligible	No Avoidance Necessary
32MZ782	CM Scatter	Ineligible	No Avoidance Necessary
32MZ1174	Irrigation Project	Unevaluated	Avoidance by Boring
32MZ1561	Transmission Line	Ineligible	No Avoidance Necessary
32MZ2206	Stone Circle	Unevaluated	Avoidance by Boring Around
32MZ2416	CM Scatter	Ineligible	No Avoidance Necessary
32MZ2625	CM Scatter	Ineligible	No Avoidance Necessary
32WI104 (Update)	CM Scatter	Ineligible	No Avoidance Necessary
32WI253	Farmstead	Ineligible	No Avoidance Necessary
32WI962	Historic Depressions, Mound, CM Scatter	Ineligible	No Avoidance Necessary
32WI1407	Stone Foundation	Ineligible	No Avoidance Necessary
32WI1417	Historic Depression	Ineligible	No Avoidance Necessary

**Table 4.** Sites Completely Avoided due to APE Reroutes.

SITS #	Description	NRHP Status	Recommendation
32MN99	Stone Circles, Cairns, Chipped Stone	Unevaluated	Avoidance
32MN830	Stone Circles, Other Stone Features	Unevaluated	Avoidance
32MN1076	Stone Circle	Unevaluated	Avoidance
32MN1092	Stone Circle	Unevaluated	Avoidance

*Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota*

<b>SITS #</b>	<b>Description</b>	<b>NRHP Status</b>	<b>Recommendation</b>
32MN1096	Stone Circles	Unevaluated	Avoidance
32MN1097	Stone Circles, Stone Arc	Unevaluated	Avoidance
32MN1098	Stone Circles	Unevaluated	Avoidance
32MN1100	Stone Circles	Unevaluated	Avoidance
32MN1102	Stone Circles	Unevaluated	Avoidance
32MN1104	Stone Circles	Unevaluated	Avoidance
32MN1105	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1107	Stone Circles	Unevaluated	Avoidance
32MN1109	Stone Circles, Cairn, Stone Arc	Unevaluated	Avoidance
32MN1110	Stone Circle	Unevaluated	Avoidance
32MN1112	Cairn	Unevaluated	Avoidance
32MN1114	Stone Circle	Unevaluated	Avoidance
32MN1115	Stone Circles	Unevaluated	Avoidance
32MN1116	Stone Circles	Unevaluated	Avoidance
32MN1117	Stone Circles, Cairns, Stone Arcs	Unevaluated	Avoidance
32MN1118	Stone Circle, Stone Arc	Unevaluated	Avoidance
32MN1119	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1120	Stone Circles	Unevaluated	Avoidance
32MN1121	Stone Circles	Unevaluated	Avoidance
32MN1123	Stone Circles, Cairn	Unevaluated	Avoidance
32MN1126	Stone Circle	Unevaluated	Avoidance
32MZ2623	Historic Grave	Ineligible	Avoidance
32MZ2624	Stone Circle	Unevaluated	Avoidance
32MZ2630	Stone Circle	Unevaluated	Avoidance
32WI106	Stone Circle	Unevaluated	Avoidance
32WI1164	Cairns	Unevaluated	Avoidance
32WI1393	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1396	Stone Circles	Unevaluated	Avoidance
32WI1397	Stone Circles	Unevaluated	Avoidance
32WI1398	Stone Circles	Unevaluated	Avoidance
32WI1399	Historic Foundation, Wall, Depression	Ineligible	No Avoidance Necessary
32WI1400	Stone Circles	Unevaluated	Avoidance
32WI1401	Stone Circles	Unevaluated	Avoidance
32WI1402	Stone Circles, Stone Arc	Unevaluated	Avoidance
32WI1405	Stone Circle	Unevaluated	Avoidance
32WI1408	Stone Alignment, Stone Circle, Cairn	Unevaluated	Avoidance
32WI1409	Cairn	Unevaluated	Avoidance
32WI1412	Stone Circle	Unevaluated	Avoidance
32WI1413	Stone Circle	Unevaluated	Avoidance
32WI1414	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1416	Stone Circles, Rock Alignment	Unevaluated	Avoidance
32WI1418	Stone Circles	Unevaluated	Avoidance
32WI1419	Stone Circle	Unevaluated	Avoidance
32WI1420	Stone Circles, Cairn, Stone Arc	Unevaluated	Avoidance

*Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota*

**Table 5.** Sites within the APE avoided by narrowing of the APE.

SITS #	Description	NRHP Status	Recommendation
32MN1077	Stone Circle	Unevaluated	Avoidance
32MN1080	Stone Circles	Unevaluated	Avoidance
32MN1094	Stone Circles	Unevaluated	Avoidance
32MN1095	Stone Circle, Stone Arc	Unevaluated	Avoidance
32MN1099	Stone Circle, Cairn	Unevaluated	Avoidance
32MN1101	Stone Circle	Unevaluated	Avoidance
32MN1103	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1106	Stone Circle	Unevaluated	Avoidance
32MN1108	Stone Circle	Unevaluated	Avoidance
32MN1113	Cairn	Unevaluated	Avoidance
32MN1122	Stone Circle	Unevaluated	Avoidance
32MN1124	Stone Circle	Unevaluated	Avoidance
32MN1125	Cairn	Unevaluated	Avoidance
32MN1128	Stone Circle, Cairn	Unevaluated	Avoidance
32MN1129	Stone Circles, Cairn	Unevaluated	Avoidance
32MN1130	Stone Circle	Unevaluated	Avoidance
32MN1131	Cairn	Unevaluated	Avoidance
32MN1132	Stone Circle	Unevaluated	Avoidance
32MZ1719	Cairn, CM Scatter	Unevaluated	Avoidance
32MZ2626	Stone Circles	Unevaluated	Avoidance
32MZ2627	Cairn	Unevaluated	Avoidance
32MZ2628	Cairn	Unevaluated	Avoidance
32MZ2629	Stone Circle	Unevaluated	Avoidance
32WI107	Stone Circles, Cairn	Unevaluated	Avoidance
32WI1024	Stone Circle	Unevaluated	Avoidance
32WI1297	Stone Circle	Unevaluated	Avoidance
32WI1394	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1395	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1403	Stone Circle	Unevaluated	Avoidance
32WI1404	Stone Arc	Unevaluated	Avoidance
32WI1406	Stone Circle	Unevaluated	Avoidance
32WI1410	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1411	Stone Arc	Unevaluated	Avoidance
32WI1415	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1421	Stone Circles, Cairn	Unevaluated	Avoidance
32WI1422	Stone Circle, Cairns	Unevaluated	Avoidance
32WI1423	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1424	Stone Circle	Unevaluated	Avoidance

The APE is located in an area where it could potentially have an adverse effect on cultural resources (see Table 6).

*Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota*

**Table 6.** Cultural Resources Located within or near the APE.

SITS #	Description	NRHP Status	Recommendation
32MN99	Stone Circles, Cairns, Chipped Stone	Unevaluated	Avoidance
32MN562 (Update)	Cairns (Destroyed)	Ineligible	No Avoidance Necessary
32MN830	Stone Circles, Other Stone Features	Unevaluated	Avoidance
32MN900	Historic Depression	Ineligible	No Avoidance Necessary
32MN1076	Stone Circle	Unevaluated	Avoidance
32MN1077	Stone Circle	Unevaluated	Avoidance
32MN1080	Stone Circles	Unevaluated	Avoidance
32MN1092	Stone Circle	Unevaluated	Avoidance
32MN1093	Farmstead	Ineligible	No Avoidance Necessary
32MN1094	Stone Circles	Unevaluated	Avoidance
32MN1095	Stone Circle, Stone Arc	Unevaluated	Avoidance
32MN1096	Stone Circles	Unevaluated	Avoidance
32MN1097	Stone Circles, Stone Arc	Unevaluated	Avoidance
32MN1098	Stone Circles	Unevaluated	Avoidance
32MN1099	Stone Circle, Cairn	Unevaluated	Avoidance
32MN1100	Stone Circle	Unevaluated	Avoidance
32MN1101	Stone Circle	Unevaluated	Avoidance
32MN1102	Stone Circles	Unevaluated	Avoidance
32MN1103	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1104	Stone Circles	Unevaluated	Avoidance
32MN1105	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1106	Stone Circle	Unevaluated	Avoidance
32MN1107	Stone Circles	Unevaluated	Avoidance
32MN1108	Stone Circle	Unevaluated	Avoidance
32MN1109	Stone Circles, Cairn, Stone Arc	Unevaluated	Avoidance
32MN1110	Stone Circle	Unevaluated	Avoidance
32MN1111	Farmstead	Ineligible	No Avoidance Necessary
32MN1112	Cairn	Unevaluated	Avoidance
32MN1113	Cairn	Unevaluated	Avoidance
32MN1114	Stone Circle	Unevaluated	Avoidance
32MN1115	Stone Circles	Unevaluated	Avoidance
32MN1116	Stone Circles	Unevaluated	Avoidance
32MN1117	Stone Circles, Cairns, Stone Arcs	Unevaluated	Avoidance
32MN1118	Stone Circle, Stone Arc	Unevaluated	Avoidance
32MN1119	Stone Circles, Cairns	Unevaluated	Avoidance
32MN1120	Stone Circles	Unevaluated	Avoidance
32MN1121	Stone Circles	Unevaluated	Avoidance
32MN1122	Stone Circle	Unevaluated	Avoidance
32MN1123	Stone Circles, Cairn	Unevaluated	Avoidance
32MN1124	Stone Circle	Unevaluated	Avoidance
32MN1125	Cairn	Unevaluated	Avoidance
32MN1126	Stone Circle	Unevaluated	Avoidance
32MN1127	Historic Depression	Ineligible	No Avoidance Necessary
32MN1128	Stone Circle, Cairn	Unevaluated	Avoidance
32MN1129	Stone Circles, Cairn	Unevaluated	Avoidance
32MN1130	Stone Circle	Unevaluated	Avoidance

*Class III Intensive Cultural Resource Inventory for the Market Center Pipeline in Mountrail, McKenzie, and Williams Counties, North Dakota*

<b>SITS #</b>	<b>Description</b>	<b>NRHP Status</b>	<b>Recommendation</b>
32MN1131	Cairn	Unevaluated	Avoidance
32MN1132	Stone Circle	Unevaluated	Avoidance
32MZ782	CM Scatter	Ineligible	No Avoidance Necessary
32MZ1174	Irrigation Project	Unevaluated	Avoidance by Boring
32MZ1561	Transmission Line	Ineligible	No Avoidance Necessary
32MZ1719	Cairn, CM Scatter	Unevaluated	Avoidance
32MZ2206	Stone Circle	Unevaluated	Avoidance by Boring Around
32MZ2416	CM Scatter	Ineligible	No Avoidance Necessary
32MZ2623	Historic Grave	Ineligible	Avoidance
32MZ2624	Stone Circle	Unevaluated	Avoidance
32MZ2625	CM Scatter	Ineligible	No Avoidance Necessary
32MZ2626	Stone Circles	Unevaluated	Avoidance
32MZ2627	Cairn	Unevaluated	Avoidance
32MZ2628	Cairn	Unevaluated	Avoidance
32MZ2629	Stone Circle	Unevaluated	Avoidance
32MZ2630	Stone Circle	Unevaluated	Avoidance
32WI104 (Update)	CM Scatter	Ineligible	No Avoidance Necessary
32WI106	Stone Circle	Unevaluated	Avoidance
32WI107	Stone Circles, Cairn	Unevaluated	Avoidance
32WI253	Farmstead	Ineligible	No Avoidance Necessary
32WI962	Historic Depressions, Mound, CM Scatter	Ineligible	No Avoidance Necessary
32WI1024	Stone Circle	Unevaluated	Avoidance
32WI1164	Cairns	Unevaluated	Avoidance
32WI1297	Stone Circle	Unevaluated	Avoidance
32WI1393	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1394	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1395	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1396	Stone Circles	Unevaluated	Avoidance
32WI1397	Stone Circles	Unevaluated	Avoidance
32WI1398	Stone Circles	Unevaluated	Avoidance
32WI1399	Historic Foundation, Wall, Depression	Ineligible	No Avoidance Necessary
32WI1400	Stone Circles	Unevaluated	Avoidance
32WI1401	Stone Circles	Unevaluated	Avoidance
32WI1402	Stone Circles, Stone Arc	Unevaluated	Avoidance
32WI1403	Stone Circle	Unevaluated	Avoidance
32WI1404	Stone Arc	Unevaluated	Avoidance
32WI1405	Stone Circle	Unevaluated	Avoidance
32WI1406	Stone Circle	Unevaluated	Avoidance
32WI1407	Historic Square Rock Alignment	Ineligible	No Avoidance Necessary
32WI1408	Stone Alignment, Stone Circle, Cairn	Unevaluated	Avoidance
32WI1409	Cairn	Unevaluated	Avoidance
32WI1410	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1411	Stone Arc	Unevaluated	Avoidance
32WI1412	Stone Circle	Unevaluated	Avoidance
32WI1413	Stone Circle	Unevaluated	Avoidance
32WI1414	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1415	Stone Circles, Cairns	Unevaluated	Avoidance

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SITS #	Description	NRHP Status	Recommendation
32WI1416	Stone Circles, Rock Alignment	Unevaluated	Avoidance
32WI1417	Historic Depression	Ineligible	No Avoidance Necessary
32WI1418	Stone Circle	Unevaluated	Avoidance
32WI1419	Stone Circle	Unevaluated	Avoidance
32WI1420	Stone Circles, Cairn, Stone Arc	Unevaluated	Avoidance
32WI1421	Stone Circles, Cairn	Unevaluated	Avoidance
32WI1422	Stone Circle, Cairns	Unevaluated	Avoidance
32WI1423	Stone Circles, Cairns	Unevaluated	Avoidance
32WI1424	Stone Circle	Unevaluated	Avoidance

A buffer of 50 feet is recommended between the site boundaries and proposed construction activities; however, on the Fort Berthold Indian Reservation a buffer of 75 feet is recommended between the site features and proposed construction activities. There are 38 sites where portions of the APE corridor narrow to a width of 50 feet in order to avoid sites (see Table 5). In areas where a site is near the already constructed pipeline portion, it is recommended that construction activities stay on the opposite side of the existing pipeline. In areas where there is pipeline disturbance through a site, it is recommended that proposed construction activities stay within the already disturbed corridor. Fencing along site buffer lines in conjunction with site monitoring during construction would minimize any adverse effect to the sites.

Beaver Creek Archaeology, Inc. recommends that unevaluated sites within 100 feet of the APE have temporary site buffer fencing and monitoring during construction around these sites. No avoidance is necessary for ineligible sites within or near the APE. Furthermore, BCA recommends that the “Unanticipated Discovery Plan” (UDP) approved by the NDSHPO and created by Keitu Engineers and Consulting, Inc. be used during the construction phase of the project.

Provided that the sites listed in Table 6, as discussed above, are avoided by the recommendations of site buffer fencing and monitoring, Beaver Creek Archaeology, Inc. recommends that the project proceed under a *No Adverse Effects* as surveyed, mapped and described herein.

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## Appendix A: APE Photographs



**Figure 1. Overview of APE. View to the east.**



**Figure 2. Overview of APE. View to the west.**



**Figure 3. Overview of the APE. View to the north.**



**Figure 4. Overview of the APE. View to the northeast.**



**Figure 5. Overview of the APE. View to the east.**



**Figure 6. Overview of the APE. View to the west.**



**Figure 7. Overview of APE. View to the east.**



**Figure 8. Overview of APE. View to the south.**



**Figure 9. Overview of APE. View to the northeast.**



**Figure 10. Overview of APE. View to the southeast.**



**Figure 11. Pipeline stake. View to the northwest.**



**Figure 12. Previous pipeline scar. View to the east.**



**Figure 13. Previous pipeline scar. View to the south.**



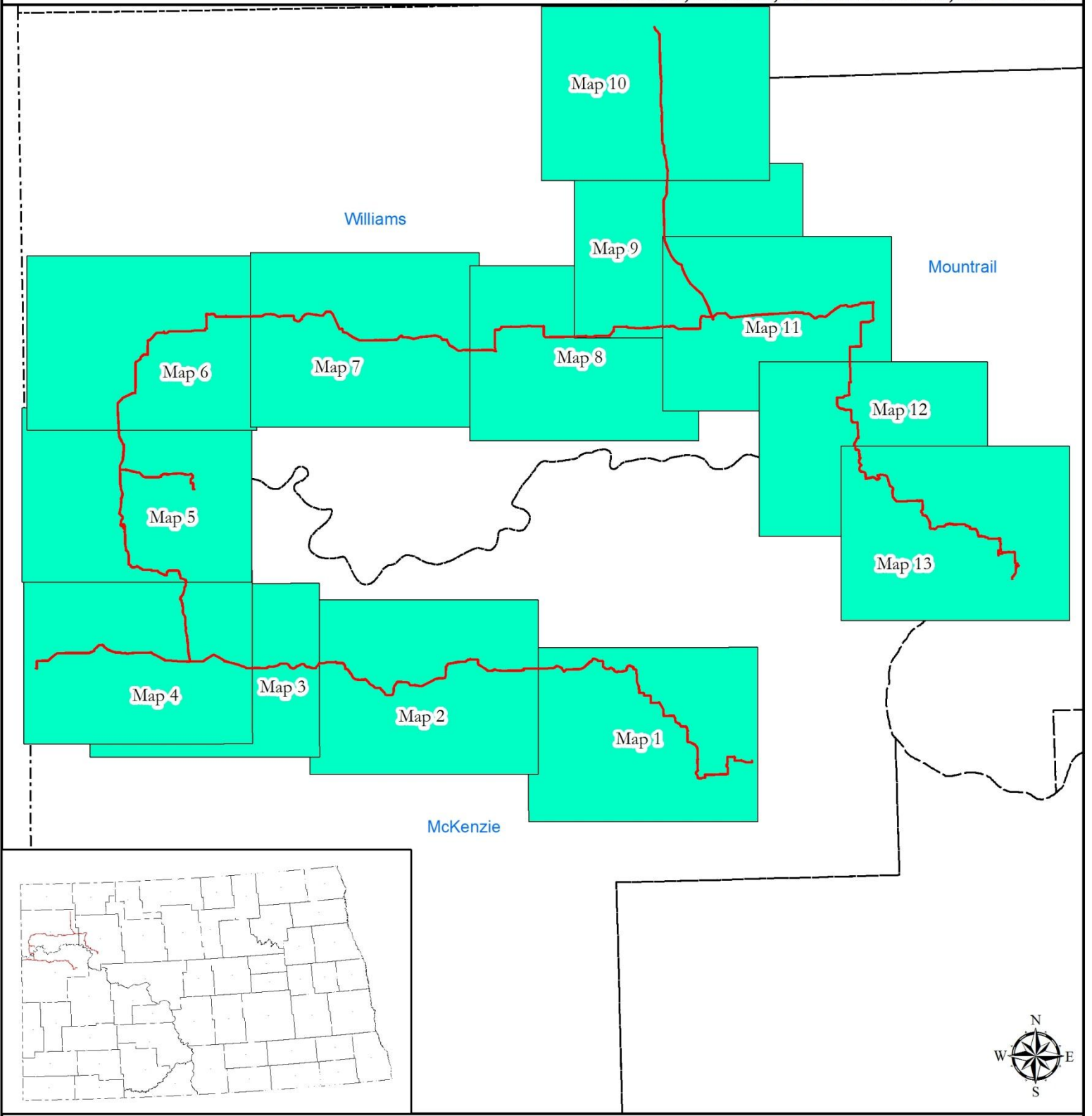
**Figure 14. Pipeline. View to the north.**

## Appendix B: Maps



# Beaver Creek ARCHAEOLOGY

Project Location for:  
Market Center Pipeline  
Keitu Engineers & Consultants, Inc.  
On behalf of: Hiland Operating, LLC  
Drainage: Little Muddy River, Missouri River, Charlie Little  
Muddy, Little Missouri River, & Lower Yellowstone  
McKenzie, Mountrail, & Williams Counties, North Dakota



### Legend

 APE (7,159 acres)



Base Map: USGS 7.5'  
Scale: 1:644,994  
UTM NAD83 Zone 13

Figure 15. Project Location Map.

## Appendix C: Literature Search

**Table 7. Summary Information on Archaeological Sites Recorded near the APE**

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MN14				Unknown	Stone Circle, Chipped Stone	J. Purcell	Unevaluated
32MN24				Unknown	5 Stone Circles, 1 Other Rock Feature	Logan	Unevaluated
32MN72				Unknown	25 Stone Circles, CM Scatter: Projectile Point, Chipped Stone	Logan	Unevaluated
32MN99				Unknown	59 Stone Circles, 5 Cairns, Chipped Stone	Logan	Unevaluated
32MN114				Unknown	3 Stone Circles, 3 Cairns, Chipped Stone	J. Kinney, T. Krieg	Unevaluated
32MN185				Unknown	Stone Circle	K. Lippincott	Unevaluated
32MN193				Unknown	Pit	K. Lippincott	Unevaluated
32MN194				Unknown	Stone Circle, CM Scatter: Chipped Stone	K. Lippincott	Unevaluated
32MN196				Unknown	Stone Circle, CM Scatter: Chipped Stone	K. Lippincott	Unevaluated
32MN197				Unknown	Stone Circle	K. Lippincott	Unevaluated
32MN198				Unknown	Pit	K. Lippincott	Unevaluated
32MN199				Unknown	Stone Circle, Other Stone Feature	K. Lippincott	Unevaluated
32MN200				Unknown	CM Scatter: Chipped Stone, Ground Stone	K. Lippincott	Unevaluated
32MN221				Unknown	CM Scatter: Faunal Remains, Chipped Stone	K. Lippincott	Ineligible
32MN223				Historic	Depression, Foundation, CM Scatter: Ceramics, Glass, Metal	K. Lippincott	Ineligible
32MN336				Unknown	Stone Circle	K. Lippincott	Unevaluated
32MN337				Unknown	Stone Circle	K. Lippincott	Unevaluated
32MN338				Unknown	Stone Circle, CM Scatter: Chipped Stone	M. Retter, <i>et al.</i>	Unevaluated
32MN340				Unknown	Stone Circle	R. Hilman	Unevaluated
32MN375				Unknown	5 Stone Circles	K. Lippincott	Unevaluated
32MN381				Unknown	CM Scatter: Chipped Stone	K. Lippincott	Ineligible
32MN390				Unknown	Stone Circle, Other Rock Features, CM Scatter: Faunal Remains, FCR, Chipped Stone, Ground Stone (Tested)	K. Schweigert	Ineligible
32MN391				Unknown	Cairns (Some Testing)	R. Christensen	Ineligible

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MN392				Unknown	3 Stone Circles, CM Scatter: Chipped Stone (Tested)	R. Christensen	Ineligible
32MN393				Unknown	4 Stone Circles, 2 Cairns, CM Scatter: Chipped Stone (Tested)	R. Christensen	Ineligible
32MN483				Unknown	2 Stone Circles	R. Hilman	Ineligible
32MN484				Unknown	Stone Circle, CM Scatter: Chipped Stone	M. Retter, <i>et al.</i>	Unevaluated
32MN491				Historic	Williston River Road from 1920-1930	R. Hilman	Ineligible
32MN508				Unknown	Cairn (Tested)	R. Christensen	Ineligible
32MN509				Unknown	Cairn, CM Scatter (Tested)	D. Klinner	Ineligible
32MN560				Unknown	Stone Circle	B. Olson	Unevaluated
32MN561				Unknown	Cairn	B. Olson	Unevaluated
32MN562				Unknown	2 Cairns	B. Olson	Unevaluated
32MN563				Unknown	Stone Circle	B. Olson	Unevaluated
32MN564				Unknown	3 Cairns, 4 Stone Circles	B. Olson	Unevaluated
32MN565				Unknown	Cairn	B. Olson	Unevaluated
32MN566				Unknown	Stone Circle	B. Olson	Unevaluated
32MN567				Unknown	Cairn, 3 Stone Circles	B. Olson	Unevaluated
32MN693				Unknown	35 Stone Circles, 19 Cairns, CM Scatter: Chipped Stone, FCR, Faunal Remains	D. Hiemstra	Eligible
32MN734				Unknown	CM Scatter: Chipped Stone	D. Kozak	Ineligible
32MN756				Unknown	1 Stone Circle, 1 Cairn	M. Mortensen	Unevaluated
32MN826				Historic	Stone Foundation	J. Pollman	Ineligible
32MN830				Unknown	Stone Circles, Other Rock Features	C. Burns	Unevaluated
32MN852				Unknown	2 Alignments, 37 Stone Circles, 2 Cairns	E. Stine	Unevaluated
32MN853				Unknown	Stone Circle	E. Stine	Unevaluated
32MN854				Historic	Depression	J. Morrison	Ineligible
32MN865				Unknown	1 Cairn, 2 Depressions/Pits	D. Reinhart	Unevaluated
32MN866				Unknown	2 Cairns	D. Reinhart	Unevaluated
32MN899				Unknown	Rock Turtle Effigy	G. Jakel	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MN900				Historic	Depression	L. Reiners	Ineligible
32MN911				Unknown	1 Stone Circle	E. Stine	Unevaluated
32MN931				Historic	Depression, Foundation, CM Scatter, Quarry/Mine	E. Stine	Ineligible
32MN932				Unknown	1 Stone Circle	E. Stine	Unevaluated
32MN933				Unknown	Stone Circle	W. Bluemle	Unevaluated
32MN949				Unknown	1 Cairn	M. Livers, M. Kinsey	Unevaluated
32MN950				Unknown	1 Cairn	M. Livers, M. Kinsey	Unevaluated
32MN963				Unknown	2 Cairns, 2 Stone Circles, 1 Arc, 1 Linear Feature	M. Mortensen	Unevaluated
32MN984				Unknown	Cairn	E. Stine	Unevaluated
32MN986				Unknown	Cairn	E. Stine	Unevaluated
32MN987				Unknown	3 Stone Circles, 1 Cairn	E. Stine	Unevaluated
32MN988				Unknown	2 Cairns, 11 Stone Circles, 1 Rock Alignment	E. Stine	Unevaluated
32MN989				Unknown	1 Cairn, 4 Stone Circles	E. Stine	Unevaluated
32MN990				Unknown	3 Cairns, 2 Stone Circles	E. Stine	Unevaluated
32MN991				Historic	Depression, Foundation, CM Scatter: Glass, Masonry, Metal	E. Stine	Ineligible
32MN992				Unknown	1 Stone Circle	E. Stine	Unevaluated
32MN993				Unknown	2 Stone Circles	E. Stine	Unevaluated
32MN994				Historic	Depression, Dump: Machinery, Glass, Metal, Wood, Rubber	E. Stine	Ineligible
32MN995				Architectural	Pump House	E. Stine	Ineligible
32MN996				Unknown	Stone Circle	C. Wandler, G. Connell	Unevaluated
32MN1007				Unknown	Cairn, Stone Circle	L. Reiners	Unevaluated
32MN1008				Unknown	Stone Circle	L. Reiners	Unevaluated
32MN1009				Unknown	Cairn, Other Rock Feature	L. Reiners	Unevaluated
32MN1010				Historic	Depression	L. Reiners	Ineligible
32MN1076				Unknown	Stone Circle	A. Kulevsky	Unevaluated
32MN1077				Unknown	Stone Circle	A. Kulevsky	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MN1080				Unknown	6 Stone Circles	L. Reiners	Unevaluated
32MN1081				Unknown	Stone Alignment	L. Williams	Unevaluated
32MN1082				Unknown	Linear Rock Feature	N. Herzog	Unevaluated
32MN1083				Unknown	2 Cairns, 1 Stone Circle	N. Herzog	Unevaluated
32MZ369				Unknown	CM Scatter: Ceramics, Faunal Remains, FCR, Projectile Point, Ground Stone	M. Volk	Unevaluated
32MZ546				Architectural	Barn, Shed	R. Nykamp	Ineligible
32MZ559				Unknown	CM Scatter: Ceramics, Faunal Remains, FCR, Projectile Point, Ground Stone	M. Volk	Unevaluated
32MZ561				Unknown	Stone Circle	C. Kordecki	Unevaluated
32MZ688				Unknown	3 Stone Circles, Chipped Stone	M. Floodman	Unevaluated
32MZ689				Historic	Depression, Foundation, Machinery, Ceramics, Glass, Masonry, Metal, Worked Wood	M. Floodman	Unevaluated
32MZ690				Architectural	Log Cabin	M. Floodman, P. Friedman	Unevaluated
32MZ691				Unknown	10 Stone Circles	M. Floodman	Unevaluated
32MZ692				Unknown	2 Stone Circles	M. Floodman	Unevaluated
32MZ693				Historic	Depression, Ceramics, Glass, Metal, Worked Wood	M. Floodman	Unevaluated
32MZ694				Unknown	2 Stone Circles	M. Floodman	Unevaluated
32MZ772				Unknown	CM Scatter: Chipped Stone	J. Medsker	Ineligible
32MZ782				Unknown	CM Scatter: Chipped Stone	M. Delmas, A. Leroy	Ineligible
32MZ793				Unknown	Rock Feature, CM Scatter: Chipped Stone	J. Medsker	Unevaluated
32MZ882				Unknown	Cairn	L. Blikre	Unevaluated
32MZ883				Unknown	Stone Circle, 2 Cairns, Chipped Stone	L. Blikre	Unevaluated
32MZ884				Unknown	13 Stone Circles	J. Borchert	Unevaluated
32MZ885				Unknown	16 Stone Circles, 2 Cairns	J. Borchert	Unevaluated
32MZ886				Unknown	5 Stone Circles	L. Blikre	Unevaluated
32MZ894				Unknown	Stone Circle, Chipped Stone	L. Blikre	Unevaluated
32MZ895				Unknown	Stone Circle	L. Blikre	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MZ896				Historic	3 Foundations, Earthworks, Metal, Wood	L. Blikre	Unevaluated
32MZ1119				Architectural	Bridge	B. Olson	Ineligible
32MZ1174				Architectural	Irrigation Project	D. Klinner	Unevaluated
32MZ1349				Unknown	CM Scatter, 9 Stone Circles, 7 Cairns	B. Olson	Unevaluated
32MZ1416				Historic	CM Scatter: Ceramics, Faunal Remains, Glass, Masonry	C. Kordecki	Ineligible
32MZ1512				Architectural	Johnson Corner Wesleyan Church	D. Bentley	Unevaluated
32MZ1556				Historic	Northern Pacific Railroad Segment	G. Jakel	Unevaluated
32MZ1560				Historic	Trail (US HWY 85)	B. Fandrich	Eligible
32MZ1561				Historic	Transmission Line	B. Fandrich	Unevaluated
32MZ1591				Architectural	Bridge	M. Hufstetler, M. McCormick	Ineligible
32MZ1685				Historic	Depression, CM Scatter: Metal, Wood	D. Klinner	Ineligible
32MZ1713				Unknown	Cairn	D. Klinner, S. Heiner	Unevaluated
32MZ1717				Unknown	Cairn	D. Klinner, S. Heiner	Unevaluated
32MZ1718				Unknown	Pit (Eagle Trapping?)	D. Klinner, S. Heiner	Unevaluated
32MZ1719				Unknown	Cairn, CM Scatter: Projectile Point, Chipped Stone	D. Klinner, S. Heiner	Unevaluated
32MZ1720				Unknown	Cairn	D. Klinner, S. Heiner	Unevaluated
32MZ1721				Unknown	CM Scatter: Chipped Stone	D. Klinner, S. Heiner	Unevaluated
32MZ1843				Historic	Dump: Machinery, Ceramics	K. Springer	Ineligible
32MZ2074				Historic	2 Depressions	J. Scott	Ineligible
32MZ2081				Historic	Historic Farmstead	J. Scott	Ineligible
32MZ2189				Unknown	2 Stone Circles	T. Messerli	Unevaluated
32MZ2205				Unknown	Cairn, Stone Circle	G. Jakel	Unevaluated
32MZ2206				Unknown	Stone Circle	G. Jakel	Unevaluated
32MZ2209				Architectural	Abandoned Farmstead: House, Barn, Windmill	G. Jakel	Ineligible

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MZ2400				Historic	CM Scatter: Ceramics, Glass, Metal, Plastic	J. Morrison	Ineligible
32MZ2402				Historic	CM Scatter: Ceramics, Glass, Metal, Plastic	J. Morrison	Ineligible
32MZ2415				Unknown	CM Scatter: Faunal Remains, FCR, Chipped Stone	G. Rhudy	Unevaluated
32MZ2416				Unknown	CM Scatter: Chipped Stone (Tested)	G. Rhudy	Ineligible
32MZ2467				Unknown	Linear Rock Formation	T. Goggin	Unevaluated
32MZ2590				Historic	Johnson Corner Cemetery	M. Mortensen	Ineligible
32WI75				Historic	Depression, CM Scatter: Glass, Metal	J. Borchert	Ineligible
32WI76				Unknown	2 Stone Circles (Tested)	J. Harty, P. Heiner	Ineligible
32WI78				Unknown	Cairn (Field Clearing Pile?)	J. Borchert	Ineligible
32WI79				Unknown	2 Stone Circles	J. Borchert	Unevaluated
32WI83				Unknown	5 Stone Circles & 2 Cairns	J. Harty, P. Heiner	Unevaluated
32WI84				Unknown	Stone Circle, Chipped Stone	D. Klinner	Ineligible
32WI93				Architectural	Grain Storage Features	M. Floodman	Ineligible
32WI96				Unknown	6 Stone Circles	M. Floodman	Unevaluated
32WI99				Unknown	2 Stone Circles	K. Keim	Unevaluated
32WI100				Unknown/ Historic	9 Stone Circles, Dump: Machinery, Metal, Wood, Rubber	K. Keim	Unevaluated
32WI104				Unknown	CM Scatter: Chipped Stone, Faunal Remains	K. Keim	Unevaluated
32WI105				Unknown	3 Cairns	K. Keim	Unevaluated
32WI106				Unknown	Stone Circle	K. Keim	Unevaluated
32WI107				Unknown	25 Stone Circles, 1 Cairn	K. Keim	Unevaluated
32WI108				Unknown	Stone Circle	K. Keim	Unevaluated
32WI109				Architectural	House	K. Keim	Unevaluated
32WI137				Unknown	10 Stone Circles	M. Shropshire, A. Rabe	Unevaluated
32WI138				Unknown	5 Stone Circles, Chipped Stone	J. Scott	Unevaluated
32WI197				Unknown	4 Stone Circles, Chipped Stone	J. Medsker	Unevaluated
32WI238				Historic	2 Depressions, 1 Foundation, Windmill, CM Scatter	P. Persinger	Ineligible
32WI239				Historic	3 Depressions, 1 Foundation, CM Scatter	P. Persinger	Ineligible

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WI253				Historic	Active Farmstead	P. Persinger	Ineligible
32WI288				Unknown	Stone Circle	J. Medsker	Unevaluated
32WI290				Unknown	Stone Circle	J. Medsker	Unevaluated
32WI320				Unknown	1 Napi Figure, 5 Turtle Effigies, 15 Stone Circles, 13 Cairns, Chipped Stone	T. Larson, <i>et al.</i>	Eligible
32WI344				Unknown	3 Stone Circles, 1 Cairn, CM Scatter: Chipped Stone, FCR	R. Christensen	Unevaluated
32WI350				Architectural	Bridge (Replaced in 1997)	A. Kulevsky	Ineligible
32WI351				Unknown	28 Stone Circles	B. Olson, <i>et al.</i>	Unevaluated
32WI422				Architectural	Farmstead	B. Perkl	Ineligible
32WI460				Architectural	Farmstead	B. Perkl	Ineligible
32WI481				Historic	Great Northern Railroad	A. Leroy, <i>et al.</i>	Ineligible
32WI869				Architectural	Trinity Lutheran Church & Cemetery	V. Miller	Unevaluated
32WI879				Architectural	St. Olaf Lutheran Church & Cemetery	V. Miller	Unevaluated
32WI910				Architectural	Warren Pony Truss Bridge	M. Hufstetler	Unevaluated
32WI920				Architectural	Bridge	M. Hufstetler	Ineligible
32WI926				Architectural	Warren Pony Truss Bridge	M. Hufstetler	Unevaluated
32WI931				Architectural	Bridge	M. Hufstetler	Ineligible
32WI943				Unknown	2 Stone Circles, Chipped Stone	E. Stine	Unevaluated
32WI945				Unknown	3 Cairns	G. Wermers	Unevaluated
32WI953				Unknown	9 Stone Circles, 1 Cairn	P. Heiner	Unevaluated
32WI954				Unknown	6 Stone Circles, 1 Cairn	P. Heiner	Unevaluated
32WI955				Unknown	Stone Circle	P. Heiner	Unevaluated
32WI956				Unknown	Stone Circle	M. Mortensen	Unevaluated
32WI959				Historic	Depression, CM Scatter: Glass, Metal	P. Heiner	Ineligible
32WI960				Unknown	3 Stone Circles	P. Heiner	Unevaluated
32WI961				Unknown	3 Depressions (Pits)	N. Smith, N. Fewings	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WI962				Historic	2 Depressions, 1 Mound, CM Scatter	P. Heiner	Ineligible
32WI970				Historic	Depression, CM Scatter: Glass, Metal	P. Heiner	Ineligible
32WI971				Unknown	Stone Circle	J. Harty, P. Heiner	Ineligible
32WI993				Unknown	9 Stone Circles, 2 Cairns	W. Burns	Unevaluated
32WI1017				Unknown	7 Stone Circles	D. Hiemstra	Unevaluated
32WI1019				Unknown	20 Stone Circles, 11 Cairns, CM Scatter	G. Williams, D. Hiemstra	Unevaluated
32WI1020				Unknown	4 Stone Circles	D. Hiemstra	Unevaluated
32WI1021				Unknown	Stone Circle	D. Hiemstra	Unevaluated
32WI1022				Unknown	2 Cairns	D. Hiemstra	Unevaluated
32WI1023				Unknown	2 Stone Circles, 4 Cairns	D. Hiemstra	Unevaluated
32WI1024				Unknown	1 Stone Circle	D. Hiemstra	Unevaluated
32WI1025				Unknown	4 Stone Circles	D. Hiemstra	Unevaluated
32WI1026				Unknown	3 Stone Circles	D. Hiemstra	Unevaluated
32WI1027				Unknown	2 Stone Circles, 5 Cairns	D. Hiemstra	Unevaluated
32WI1028				Unknown	CM Scatter: Chipped Stone	D. Hiemstra	Unevaluated
32WI1061				Unknown	2 Stone Circles, 1 Cairn	D. Engel	Unevaluated
32WI1062				Unknown	3 Stone Circles	D. Engel	Unevaluated
32WI1063				Unknown	7 Stone Circles, 1 Stone Arc	D. Engel	Unevaluated
32WI1065				Unknown	2 Stone Circles	D. Engel	Unevaluated
32WI1075				Unknown	Stone Circle	G. Williams	Unevaluated
32WI1080				Unknown	Stone circle	J. Morrison	Unevaluated
32WI1082				Unknown	Stone Circle	J. Morrison	Unevaluated
32WI1083				Unknown	2 Cairns	J. Morrison	Unevaluated
32WI1091				Historic	Dump: Machinery, Ceramics, Glass, Metal, Rubber, Wood	S. Mandelko	Ineligible
32WI1140				Historic	Canal	J. Evans	Unevaluated
32WI1141				Unknown	2 Stone Circles	S. Lechert	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WI1155				Historic	Depression, CM Scatter: Ceramics, Faunal Remains, Glass, Masonry, Metal, Wood	A. Leroy	Ineligible
32WI1157				Unknown	Stone Circle 3 Concentric Rings	A. Leroy, <i>et al.</i>	Unevaluated
32WI1164				Unknown	2 Cairns	A. Leroy, <i>et al.</i>	Unevaluated
32WI1165				Unknown	2 Cairns	A. Leroy, <i>et al.</i>	Unevaluated
32WI1198				Architectural	2 Houses	K. Palmer	Ineligible
32WI1199				Architectural	House	K. Palmer	Ineligible
32WI1211				Unknown	6 Stone Circles	M. Kinsey	Unevaluated
32WI1212				Historic	Depression	M. Kinsey	Ineligible
32WI1240				Historic	Depression	A. Kulevsky	Ineligible
32WI1241				Unknown	1 Stone Circle	A. Kulevsky	Unevaluated
32WI1248				Unknown	Stone Circle	T. Goggin	Unevaluated
32WI1249				Historic	CM Scatter: Ceramics, Glass	T. Goggin	Ineligible
32WI1255				Unknown	1 Stone Circle	J. Morrison	Unevaluated
32WI1256				Unknown	1 Stone Circle	J. Morrison	Unevaluated
32WI1257				Unknown	Stone Circle	J. Morrison	Unevaluated
32WI1258				Unknown	Cairn	J. Morrison	Unevaluated
32WI1259				Unknown	Stone Circle	J. Morrison	Unevaluated
32WI1260				Unknown	2 Cairns, 1 Stone Circle	J. Morrison	Unevaluated
32WI1261				Unknown	Cairn, Stone Circle	J. Morrison	Unevaluated
32WI1262				Unknown	4 Stone Circles	J. Morrison	Unevaluated
32WI1263				Unknown	1 Cairn, 4 Stone Circles	J. Morrison	Unevaluated
32WI1264				Unknown	1 Cairn	J. Morrison	Unevaluated
32WI1269				Historic	Dump: Glass, Metal, Other	J. Morrison	Ineligible
32WI1280				Historic	Collapsed Building, Field Clearing Alignment, Metal, Wood	C. Herson, <i>et al.</i>	Ineligible
32WI1284				Historic	Farmstead	C. Burns	Ineligible
32WI1296				Unknown	5 Stone Circles, 1 Cairn	M. Mortensen	Unevaluated

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WI1297				Unknown	Stone Circle	M. Mortensen	Unevaluated
32WI1298				Unknown	Stone Circle	M. Mortensen	Unevaluated
32WI1326				Unknown	Cairn, Arc	M. Mortensen	Unevaluated
32WI1328				Unknown	Cairns	M. Mortensen	Unevaluated
32WI1329				Unknown	Cairn, Stone Circles, Other Rock Features	M. Mortensen	Unevaluated
32WI1330				Unknown	Stone Circles, Other Rock Features	M. Mortensen	Unevaluated
32WI1333				Historic	Bethany Cemetery	M. Mortensen	Ineligible
32WIx2				Unknown	Stone Circles, Cairns	M. Mortensen	Unevaluated

**Table 8.** Summary Information on Archaeological Site Leads/Isolated Finds near the APE

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MNx64				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx121				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx122				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx123				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx124				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx125				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx126				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx127				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx128				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MNx130				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx131				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx132				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx133				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx174				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx178				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx183				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx186				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx233				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx234				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx235				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx240				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx241				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx247				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx248				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx249				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx256				Historic	Quarry/Mine	E. Benson	Unevaluated Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MNx257				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx354				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx355				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx356				Unknown	CM Scatter	Unknown	Unevaluated Site Lead
32MNx375				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx377				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx381				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx382				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx383				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx384				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MNx582				Unknown	CM Scatter: Chipped Stone	J. Markman, <i>et al.</i>	Ineligible Isolated Find
32MNx583				Unknown	1KRF Flake	J. Markman, V. Rose	Ineligible Isolated Find
32MNx612				Unknown	Chipped Stone	HAS, Inc.	Ineligible Isolated Find
32MNx639				Historic	Machinery, Wreck	K. Lippincott	Ineligible Isolated Find
32MNx648				Unknown	Chipped Stone	K. Lippincott	Ineligible Isolated Find
32MNx649				Historic	Mapping Station/Aerial Photo Marker	K. Lippincott	Ineligible Isolated Find
32MNx650				Unknown	Chipped Stone	K. Lippincott	Ineligible Isolated Find

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MNx651				Unknown	Bone	K. Lippincott	Ineligible Isolated Find
32MNx653				Unknown	CM Scatter: Chipped Stone, Bone Fragments	K. Lippincott	Ineligible Isolated Find
32MNx654				Historic	3 Cairns Surveyors Station	K. Lippincott	Ineligible Isolated Find
32MNx655				Unknown	Chipped Stone	K. Lippincott	Ineligible Isolated Find
32MNx656				Unknown	KRF Projectile Point	K. Lippincott	Ineligible Isolated Find
32MNx781				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32MNx782				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32MNx836				Unknown	1 Core Reduction Flake	S. Heiner	Ineligible Isolated Find
32MNx837				Unknown	1 Grey Swan River Chert Ovate Biface	S. Heiner	Ineligible Isolated Find
32MNx842				Unknown	2 KRF Flakes	J. Harty	Ineligible Isolated Find
32MNx843				Unknown	White Chert Flake	J. Harty	Ineligible Isolated Find
32MNx847				Unknown	KRF Biface	D. Klinner	Ineligible Isolated Find
32MNx869				Unknown	Turtle Effigy, Other Stone Features	P. Picha	Unevaluated Site Lead
32MNx870				Unknown	Stone Circle	M. Livers, M. Kinsey	Unevaluated Site Lead
32MNx881				Historic	Machinery, Trash	E. Stine	Ineligible Site Lead
32MNx882				Historic	Depression	E. Stine	Ineligible Site Lead
32MNx883				Historic	Quarry/Mine	E. Stine	Ineligible Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MNx884				Unknown	1 SRC Flake, 1 KRF Flake	E. Stine	Ineligible Isolated Find
32MNx898				Historic	Wooden shoot for an irrigation canal or dam works	L. Reiners	Ineligible Isolated Find
32MNx906				Historic	CM Scatter: Machinery, Metal, Plastic, Wood	C. Wandler	Unevaluated Site Lead
32MZx71				Historic	Croff Post Office	E. Benson	Unevaluated Site Lead
32MZx98				Unknown	CM Scatter, Mound	E. Benson	Unevaluated Site Lead
32MZx101				Historic	No Description	E. Benson	Unevaluated Site Lead
32MZx102				Unknown	Stone Circle	M. Volk	Unevaluated Site Lead
32MZx116				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32MZx117				Historic	CM Scatter, Lewis & Clark Camp	E. Benson	Unevaluated Site Lead
32MZx120				Historic	Fort Henry	C. Kordecki	Unevaluated Site Lead
32MZx257				Unknown	Chipped Stone	M. Hetland	Ineligible Isolated Find
32MZx338				Unknown	Chipped Stone	M. Hetland	Ineligible Isolated Find
32MZx374				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32MZx390				Historic	Lewis & Clark April 15, 1805 CM Scatter, Foundation	LCT	Unevaluated Site Lead
32MZx695				Unknown	1 KRF Flake	B. Olson	Ineligible Isolated Find
32MZx696				Unknown	1 KRF Flake Fragment	B. Olson	Ineligible Isolated Find
32MZx756				Unknown	Chipped Stone	Unknown	Ineligible Isolated Find

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MZx757				Unknown	KRF Flake	Unknown	Ineligible Isolated Find
32MZx759				Unknown	KRF Core Fragment	Unknown	Ineligible Isolated Find
32MZx899				Unknown	Chipped Stone	C. Kordecki	Ineligible Isolated Find
32MZx994				Unknown	Chipped Stone	D. Klinner	Ineligible Isolated Find
32MZx995				Unknown	KRF Flake	S. Heiner, D. Klinner	Ineligible Isolated Find
32MZx997				Unknown	Chipped Stone	S. Heiner, <i>et al.</i>	Ineligible Isolated Find
32MZx998				Historic	Glass	S. Heiner, <i>et al.</i>	Ineligible Isolated Find
32MZx1000				Unknown	KRF Flake	S. Heiner	Ineligible Isolated Find
32MZx1001				Unknown	Bifacial Worked Core	S. Heiner	Ineligible Isolated Find
32MZx1054				Unknown	KRF Flake	D. Hiemstra	Ineligible Isolated Find
32MZx1055				Unknown	2 KRF Shatter, 1 FCR	D. Hiemstra	Ineligible Isolated Find
32MZx1166				Unknown	Chipped Stone	C. Mog	Ineligible Isolated Find
32MZx1167				Unknown	Chipped Stone	C. Mog	Ineligible Isolated Find
32MZx1076				Unknown	KRF Flakes	E. Stine	Ineligible Isolated Find
32MZx1094				Unknown	KRF Flake	J. Scott	Ineligible Isolated Find
32MZx1102				Unknown	Chipped Stone	W. Burns	Ineligible Isolated Find
32MZx1179				Unknown	KRF Flake	T. Goggin	Ineligible Isolated Find

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32MZx1119				Unknown	KRF Flake	M. Delmas, A. Leroy	Ineligible Isolated Find
32MZx1173				Unknown	2 KRF Flakes	M. Kinsey	Ineligible Isolated Find
32MZx1190				Unknown	Porcellanite Biface Fragment	A. Kulevsky	Ineligible Isolated Find
32MZx1191				Unknown	KRF Flake	A. Kulevsky	Ineligible Isolated Find
32MZx1197				Unknown	KRF Biface Thinning Flake	J. Morrison	Ineligible Isolated Find
32MZx1207				Unknown	Biface Fragment	E. Stine	Ineligible Isolated Find
32MZx1214				Unknown	4 Flakes, Besant Point	E. Stine	Ineligible Isolated Find
32MZx1228				Unknown	2 KRF Flakes	D. Green	Ineligible Isolated Find
32MZx1229				Unknown	KRF Flake	D. Green	Ineligible Isolated Find
32MZx1259				Unknown	KRF Flake	G. Rhudy	Ineligible Isolated Find
32Wix27				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32Wix93				Unknown	Chipped Stone	D. Hiemstra	Ineligible Isolated Find
32Wix97				Unknown	Chipped Stone	D. Hiemstra	Ineligible Isolated Find
32Wix104				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32Wix105				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32Wix106				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32Wix110				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WIX111				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX112				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX113				Historic	Quarry/Mine	E. Benson	Unevaluated Site Lead
32WIX133				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX136				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX157				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX159				Unknown	Chipped Stone	D. Hiemstra	Ineligible Isolated Find
32WIX162				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX163				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX164				Historic	CM Scatter, Depression, Foundation	E. Benson	Unevaluated Site Lead
32WIX170				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX171				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX172				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX192				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX194				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX195				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX220				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WIX221				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX222				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX223				Unknown	Unknown	E. Benson	Unevaluated Site Lead
32WIX224				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX226				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX228				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX229				Historic	Stordahl Post Office	Unknown	Unevaluated Site Lead
32WIX230				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX231				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX237				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX238				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX239				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX245				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX275				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX276				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX280				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX281				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WIX285				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX286				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX287				Unknown	CM Scatter	E. Benson	Unevaluated Site Lead
32WIX328				Unknown	Broken Chert Core	J. Medsker	Ineligible Isolated Find
32WIX330				Historic	Horse Drawn Plow	J. Medsker	Ineligible Isolated Find
32WIX356				Unknown	Stone Circle	C. Dill	Ineligible Isolated Find
32WIX374				Unknown	FCR	J. Medsker	Ineligible Isolated Find
32WIX375				Unknown	Chipped Stone	J. Medsker	Ineligible Isolated Find
32WIX433				Architectural	House in Rural Epping	MES	Unevaluated Site Lead
32WIX443				Unknown	Chipped Stone	Unknown	Ineligible Isolated Find
32WIX444				Unknown	Chipped Stone	Unknown	Ineligible Isolated Find
32WIX481				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32WIX482				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32WIX485				Historic	Quarry/Mine	LCT	Unevaluated Site Lead
32WIX514				Historic	Well, Iron Pump	A. Potter	Ineligible Isolated Find
32WIX515				Late Prehistoric	Projectile Point	A. Potter	Ineligible Isolated Find
32WIX532				Unknown	No Description	S. Heiner	Ineligible Isolated Find

SITS #	Location			Affiliation	Description	Recorder	NRHP Status
	Twp	R	S				
32WIX540				Unknown	Chipped Stone	J. Morrison	Ineligible Isolated Find
32WIX564				Historic	Glass Insulation	A. Leroy, J. Schleicher	Ineligible Isolated Find
32WIX580				Unknown	Ground Stone	J. Morrison	Ineligible Isolated Find
32WIX597				Historic	Line of Rocks in Streambed	M. Mortensen	Ineligible Isolated Find
32WIX600				Unknown	KRF Projectile Point	T. Goggin	Ineligible Isolated Find
32WIX601				Historic	Wood Bridge Support Column	M. Cox	Ineligible Isolated Find

**Table 9.** Manuscripts on File at the Archaeology and Historic Preservation Division, State Historical Society of North Dakota in or near the APE.

Year	MS #	Legal Location			Author	Title
		Twp	R	Sec		
1948	111				Kivett, M.	Preliminary Appraisal of the Archaeological and Paleontological Resources of the Garrison Reservoir, ND
1975	80				Adamczyk, T.	Archaeological Inventory Missouri River Reach between Fort Benton, Montana and Sioux City, Iowa.
1975	113				Haberman, T., F. Schneider	1974 Archaeological Survey of Portions of the Garrison Reservoir Shoreline, North Dakota
1976	261				Franke, N.	North Dakota Highway Department Projects No. F-7-002( ) 054 and F-4-002 ( ) 089 Negative Declaration Survey Report
1980	1736				Loendorf, L.	Evaluation of the Potential for Cultural Resources in the Path of the Proposed Sovereign Engineering Pipeline, McKenzie County, North Dakota
1981	2247				Sheldon, C.	A Class III Intensive Inventory of the Proposed Snake Pipeline, Roosevelt County, MT and Williams County, ND

Year	MS #	Legal Location			Author	Title
		Twp	R	Sec		
1983	3313				Floodman, M.	Getty Trading & Transportation Company McKenzie County Gathering System, McKenzie, County, ND
1983	3381				Gnabasik, V.	Rocky Mountain Geophysical, Inc. Proposed Seismic Survey--Segments DD, GG, HH, and KK Lake Sakakawea, Williams and McKenzie Counties, ND
1983	4055				Kinney, J., M. Schreiner	Cultural Resource Inventory of Fifty-five Proposed Seismic Test Lines in Dunn, McKenzie, McLean, Mercer and Mountrail Counties, ND
1984	3251				Kuehn, D., J. Borchert	Archaeological Investigations Along the Portal Beaver Lodge to Alexander Pipeline Williams and McKenzie Counties, ND
1984	3302				Floodman, M.	Sun Exploration & Production Company, Papineau #1, McKenzie County, ND
1984	3307				Floodman, M.	Ecological Engineering Systems, Inc. Pipeline, Williams Co. ND
1984	3436				Floodman, M.	Arco Oil and Gas Company ARCO #1-26 Harmon, Williams County, ND
1984	3450				Floodman, M.	Arco Oil and Gas Company, Arco 3-27 Irgens, Williams County, ND
1985	3688				Floodman, M.	Sun Exploration and Production Company Oyloe-State-Federal #1, Williams Co. & McKenzie Co., ND
1985	3690				Floodman, M.	Sun Exploration and Production Company Bergstrom Federal #1, Williams County, ND
1985	3691				Floodman, M.	Sun Exploration and Production Company Bergstrom Federal #1-Restake, Williams County, ND
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1986	4294				Noisat, B., <i>et al.</i>	A Reconnaissance Survey and Preliminary Assessment of the Cultural Resources of Lake Sakakawea in Williams and McKenzie Counties, North Dakota Vols 1 & 2
1987	4232				Blikre, L., D. Kuehn	A Cultural Resource Inventory of Select Areas along Highway 1804, Williams County, North Dakota
1987	4316				Borchert, J.	The Red Wing Creek Extension Cultural Resources Inventory, McKenzie Co., ND (U-W#1010)
1987	4319				Metcalf, M., Schweigert, K.	Cultural Resources Investigations on the North Dakota Segment of the Exxon Company, USA Bairoil - Dakota CO2 Pipeline Project, Golden Valley, Billings, Stark, Dunn, McKenzie, & Williams Co. Western North Dakota
1987	5325				Winham, R., <i>et al.</i>	Cultural Resource Reconnaissance of U.S. Army Corps of Engineers Land alongside Lake Sakakawea in Mountrail County, ND
1988	4506				Borchert, J.	MDU-Basin Charlie Creek to Williston 230 KV Electric Transmission Line, Williams & McKenzie Co. ND (UW#1016)
1988	4540				Fiege, M., <i>et al.</i>	Final Report of Reconnaissance Surveys in Williston, Kenmare, and Eight Smaller Communities in Mountrail, Williams, Ward, and Renville Counties in Northwestern ND
1988	4557				Metcalf, M., <i>et al.</i>	A Class II Cultural Resource Survey of Five Coal Study Areas, Williams, Divide, Hettinger, Slope, Bowman, Grant and Adams Counties, Western ND
1989	4729				Floodman, M.	Siesmo-graphic Line McKenzie County, North Dakota T153 R102 S34 and T152 R102 Sec. 6
1990	5499				Sanders, P., <i>et al.</i>	Results of a Class III Cultural Resource Inventory of Selected Bureau of Land Management Parcels, Ward, Renville, Cavalier, Mountrail, McKenzie, Williams, Ward, Golden Valley, Dunn and McHenry Counties, North Dakota, Vol. 1
1991	5556				Olson, B.	Cultural Resource Inventory of the Proposed McKenzie Gas Plant to Fort Buford Compressor Station Northern Border Connection Pipeline, McKenzie County, N.D.
1991	5628				Olson, B.	Koch Industries, Inc. AFE 39999 10-inch Natural Gas Pipeline: Northern Border Connection Pipeline Reroute Cultural Resources Inventory McKenzie County, ND
1991	5920				Johnson, L., <i>et al.</i>	Historic Bridges in North Dakota

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1992	5749				Olson, B.	Amerada Hess Corporation, 10 Inch Natural Gas Pipeline Project Cultural Resources Inventory McKenzie and Williams Counties, North Dakota and Final Report
1992	5904				Kinney, J., <i>et al.</i>	Results of the 1991-1992 Class III Cultural Resource Inventory of Selected Bureau of Land Management Tracts, Divide, McHenry, Williams, Pierce, McKenzie, Ward, Benson, Grant, Sheridan and McLean Counties, ND Vols. I & II
1992	5986				Lubinski, P.	Tioga to Stanley Water Pipeline in Mountrail to Williams Counties, North Dakota: A Class III Cultural Resource Inventory
1993	6051				Borchert, J.	McKenzie Electric Cooperative, Inc. 1993-1994 Construction Routes in Dunn and McKenzie Counties, Class III Cultural Resource Inventory UW#1606
1995	6449				Borchert, J.	North Dakota Department of Transportation Safety Project Cultural Resource Review 1992-1994
1995	6509				Borchert, J.	North Dakota Department of Transportation Material Source Projects Cultural Resource Review 1989-1994
1997	7090				Klinner, D.	Williams County Road and Bridge Improvement Project in Section 23, T153N, R103W—Structure No. 53-108-40.0 UW#2025
1998	7144				Olson, B.	Dakota Gasification Company Co2 Pipeline Selected Segments in Mercer, Dunn, McKenzie, Williams and Divide Counties, ND: A Class III Cultural Resources Inventory and Appendix B: USGS Topographic Coverage of the Pipeline
1998	7279				Larson, T.	Results of a Class II and Class III Cultural Resource Inventory for NDDOT Project Area NH-7-002(038)000, Williams County, ND
1999	7297				Wermers, G.	Williams County Bridge Replacement Project in Sections 19 and 30, T156N R100W, Structure No. 53-122-22.0 UW#2100
2000	7675				Olson, B.	Cenex Pipeline Relocation Project P-358, Class III Cultural Resources Inventory, McKenzie and Mountrail Co., ND
2001	7872				Bluemle, W.	Marmon Exchange: A Class II & III Cultural Resource Inventory, Williams Co., ND
2001	8670				Perkl, B., <i>et al.</i>	Cultural Resources Investigations along U.S. Highway 2 in Ward, Mountrail and Williams Counties, North Dakota, Vols. 1 & 2

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2002	8329				Olson, B.	McKenzie County Bridge Project BRO 27(031) Cultural Resource Inventory, McKenzie Co., ND
2002	8367				Christensen, B.	STATEOP-413 Class Inventory Report, Mountrail Co., ND
2002	8463				Hall, D., <i>et al.</i>	Cultural Resource Investigation Williston to Wolf Point Transmission Line, Roosevelt Co., MT & Williams Co., ND
2004	8884				Fandrich, B.	Williston to Charlie Creel: A Cultural Resource Inventory Along the Western Area Power Administration 115KV Transmission Line From the Williston Substation to the Charlie Creek Substation, Williams and McKenzie Counties, ND
2004	11942				Bluemle, W.	Williams Rural Water Association 2003-2004: A Class II & III Cultural Resource Inventory in Williams Co., ND
2005	9235				Klinner, D.	Bertrand 1-5H Well Pad: A Class III Cultural Resource Inventory, McKenzie Co., ND
2005	9237				Stine, E., <i>et al.</i>	Plains Pipeline Trenton Loop: A Class III Cultural Resource Inventory in Williams and McKenzie Co., ND and Addendums B and C and D
2005	9267				Morrison, J.	Little Knife River Overlook Site: Evaluative Testing of 32MN693 in Mountrail Co., ND
2005	9270				Stine, E.	Highway 2: A Cultural Resource Inventory, Williams Co., ND
2005	9466				Klinner, D., P. Heiner	Cabin Creek to Williston Pipeline Replacement: A Class III Cultural Resource Inventory, McKenzie Co., ND
2005	9521				Wermers, G.	STATEOP-0452 Class III Inventory Report, Williams Co., ND

2005	10128				Hufstetler, M., J. Goff	Historic Bridges in North Dakota 2004 Revision
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2006	9940				Harty, J., J. Morrison	Enbridge Pipelines (North Dakota) LLC, North Dakota Pipeline Expansion Project: Evaluative Testing of 32W176 and 32W1960, Williams Co., ND
2006	10686				Bluemle, W.	Williams Rural Water Association Field Work 2005: A Class III Cultural Resource Inventory in Williams Co., ND
2007	10009				Burns, C.	Johnson-Pvt. Potts #6-5H Well Pad Survey, McKenzie Co., ND: A Class III Cultural Resource Inventory
2007	10019				Hiemstra, D.	Burlington's Mathiestad 41-35H: A Class III Cultural Resource Survey in McKenzie County, ND
2007	10063				Harty, J.	Rehak State 31-25H Well Pad and Access Road: A Class III Cultural Resource Inventory, Mountrail Co., ND
2007	10206				Herson, C., J. Harty	Peterson 11-34 Well Pad and Access Road: A Class III Cultural Resource Inventory, Mountrail Co., ND
2007	10247				Burns, W.	Belle Fourche Pipeline Project: A Class III Cultural Resource Inventory, McKenzie Co., ND
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2008	10408				Harty, J., D. Klinner	Enbridge Pipelines (North Dakota) LLC, North Dakota Pipeline Expansion Project: A Reassessment of 32WI968 and Evaluative Testing of 32WI84 and 32WI957 Williams County, ND
2008	10432				Stine, E.	Continental's Omlid 1-7H: A Class III Cultural Resource Inventory in McKenzie Co., ND
2008	10492				Klinner, D.	Bartleston 11-32H Well Pad and Access Road: A Class III Cultural Resource Inventory, Mountrail Co., ND
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2008	10544				Lehman, T.	A Class III Cultural Resource Survey of Proposed Additional Lands in the Buford-Trenton Irrigation Company in Williams Co., ND
2008	10798				Hiemstra, D., A. Barth	Williston to Tioga: A Class III Cultural Resource Inventory for a Proposed 230kV Transmission Line in Williams and Mountrail Counties, ND
2009	10848				Jackson, M., D. Toom	Pleasant Valley-Belden 115kV Transmission Line (RUS#807) 2008 Class III Cultural Resources Inventory, Mountrail & Williams Counties, ND
2009	10915				France, E.	SRT Communications White Earth Cell Tower: A Class III Cultural Resource Inventory in Mountrail Co., ND
2009	11004				O'Donnchadha, B.	Ray & Tioga Water Supply Association, Pipeline and Pump Station Locations: A Class III Cultural Resource Inventory, Williams and Mountrail Counties, ND
2009	11032				O'Donnchadha, B.	Roggenbuck 14-25H Well Pad and Access Road
2009	11033				O'Donnchadha, B.	Curren 12-44H Well Pad and Access Road: A Class III Cultural Resource Investigation in Mountrail Co., ND
2009	11039				Payette, J., C. Windsor	Phase I Cultural Resource Investigation of Proposed ND-01-US-2 Montana-Div. (46469) Telecommunications Tower Project Area, Williston, Williams Co., ND
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2009	11276				Leuchtman, A.	Highway 85 From ND Highway 200 to ND Highway2: A Class III Cultural Resource Inventory, McKenzie and Williams Counties, ND
2009	12615				Markman, J., <i>et al.</i>	A Class I and Class II Cultural Resource Inventory of the Proposed Arrow Pipeline and Compressor Station in McKenzie and Dunn Co., ND
2010	11496				Jakel, G., C. Burns	The New Town Material Source Area: A Class III Cultural Resource Inventory Mountrail Co., ND
2010	11668				Burns, W.	Brehm 21-4H Well Pad: A Class III Cultural Resource Inventory, Mountrail Co., ND
2010	11670				Burns, W.	Bernard Roggenbuck 24-25H Well Pad: A Class III Cultural Resource Inventory in Mountrail Co., ND
2010	11686				Klinner, D., <i>et al.</i>	Beaver Lodge to Berthold Pipeline: A Class III Cultural Resource Inventory, Mountrail, Ward, & Williams Counties, ND
2010	11710				Morrison, J.	2010 McKenzie Rural Water District Phase II Waterline: Class II and III Cultural Resource Inventory and Test Excavations, McKenzie Co., ND
2010	11740				Slessman, S.	A Class I and Class III Cultural Resource Inventory of the Hess EN Vachal 155-93-0532H-3 Well Pad and Access Road, Mountrail Co., ND
2010	11770				Williams, G., A. Kulevsky	Williston to Tioga: A Class III Cultural Resource Inventory for a Proposed 230kV Transmission Line in Williams and Mountrail Counties, North Dakota: Addendum 2: Site Staking and Additional Inventory of Three Segments
2010	11790				Harty, J., <i>et al.</i>	SORTI and Dunn Pipeline Projects: A Class III Cultural Resource Inventory, Williams and McKenzie Co., ND
2010	11791				France, E., D. Reinhart	Bridger Pipeline Project: Class I and III Cultural Resource Investigations in Western North Dakota, Dunn, Billings, McKenzie Counties
2010	11818				Burns, W., Jakel, G.	Highland Partners 8 Inch Natural Gas Pipeline: A Class III Cultural Resource Inventory in McKenzie Co., ND
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2010	12014				Kulevsky, A.	Addendum 2 to Bridger Pipeline: Class I and III Cultural Resource Investigations in Western North Dakota, Dunn & McKenzie Counties: Four Reroutes
2010	12086				Reinhart, D.	Continental Resources Sivertson 1-9H: A Class III Cultural Resources Inventory in McKenzie Co., ND
2010	12256				Morrison, J.	Williams County Rural Water Development Phase V Improvements: A Class III Cultural Resource Inventory, Williams Co., ND
2011	11975				Shropshire, M., <i>et al.</i>	Addendum to the Beaver Lodge to Berthold Pipeline: Additional Class III Cultural Resource Inventory and Limited Site Testing in Mountrail Co., ND
2011	11987				Smith, N.	A Class I and Class III Cultural Resource Inventory of the Rangeland Energy COLT Connector Pipeline, Williams Co., ND
2011	12150				Lechert, S.	A Class I and Class III Cultural Resource Inventory of the Arrow Four Bears CDP Connect Pipeline, McKenzie Co., ND
2011	12260				Lechert, S., C. Herson	A Class I and Class III Cultural Resource Inventory of the Hess Ramberg Crude Stabilization Facility, Williams CO., ND
2011	12393				Suess, B., W. Burns	Foreman 21-4TFH Well Pad and Access Road: A Class III Cultural Resource Inventory in Mountrail Co., ND
2011	12411				Baer, S., <i>et al.</i>	A Class I and Class III Cultural Resource Inventory of the Bakken North Pipeline, Williams Co., ND
2011	12412				France, E., W. Bluemle	Enbridge's Trenton and Alexander Substations: A Class III Cultural Resource Inventory, Williams and McKenzie Counties, ND
2011	12472				Leroy, A., <i>et al.</i>	Addendum to the Class I and Class III Cultural Resource Inventory of the Rangeland Pipeline COLT Connector Pipeline, Williams Co., ND
2011	12530				Stine, E.	Continental's Kellogg Ranch Access Road Reroute: A Class III Cultural Resource Inventory in McKenzie Co., ND
2011	12550				Engel, D.	Highway 2 to 26 <sup>th</sup> Street West to 58 <sup>th</sup> Street NW in Williston: A Class III Cultural Resource Inventory in Williams County, ND
2011	12646				Riordan, C., A. Leroy	Addendum to a Class I and Class III Cultural Resource Inventory of the

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2011	12664				Bluemle, W.	Enbridge Pipelines (North Dakota) LLC's Little Muddy Station and Pipeline Project: A Class III Cultural Resources Inventory in Williams County, North Dakota
2011	12688				Leroy, A., S. Lechert	A Class I and Class III Cultural Resource Inventory of the Rangeland Terminals COLT Hub, Williams County, North Dakota
2011	12796				Burns, C.	Bartelson 44-31H Well Pad and Access Road: A Class III Cultural Resources Inventory in Mountrail County, North Dakota
2011	12890				Hanley, R., W. Burns	Gary Russell #19-20H Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, ND
2011	12979				Eigenberger, D., <i>et al.</i>	Class III Cultural Resource Inventory for the Williston to Stateline I Transmission Line Project, Williams County, ND
2011	13016				Ryan, S., <i>et al.</i>	Class III Cultural Resources Investigation of U.S. Army Corps of Engineers, Omaha District, Lands at Lake Sakakawea, Williams County, North Dakota, Vol. 1, Pts 1 & 2 of 2 with CD
2012	13002				Kinsey, M., E. Stine	Enbridge Sanish Pipeline Project, an Addendum for Reroutes along the Sorti and Dunn Pipeline Project: A Class III Inventory in McKenzie and Williams Counties, ND
2012	13099				Kulevsky, A., E. Stine	BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, McKenzie and Williams Counties, ND
2012	13232				Morrison, J., T. Goggin	Stateline Plant to Rawson Pipeline Corridor Class III Cultural Resource Inventory, McKenzie and Williams Counties, ND
2012	13283				Harty, J.	Axness and Wade Smith Borrow Locations: A Class III Cultural Resource Inventory in Williams County, North Dakota
2012	13303				Burns, W.	Columbia 2-5H & 3-5H Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, ND
2012	13339				Altizer, K., D. Reinhart	A Class I and Class III Cultural Resources Inventory of the Hess RTF Tie-in-Project, Williams County, ND

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2012	13437				McCann, E., W. Burns	Sacramento 4-10H & 5-10H Federal Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, North Dakota
2012	13453				McCann, E., W. Burns	Columbia 6-5H & 7-5H Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, ND
2012	13468				McCann, E., W. Burns	Roggenbuck Federal 41-24TFX Well Pad and Access Road: A Class III Cultural Resource Inventory in Mountrail County, ND
2012	13515				Kulevsky, A.	Addendum 1 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie and Williams Counties, ND
2012	13584				Goggin, T.	Alexander Area Intake: A Class III Cultural Resource Inventory, McKenzie County, North Dakota
2012	13602				Kinsey, M.	Merjent-Enbridge's Shoo-flies: A Class III Cultural Resource Inventory to Support the Beaver Lodge Loop Project (SHPO Ref 10-1957) in Mountrail County, ND
2012	13625				McCann, E., W. Burns	Akron Federal 6-34H & 7-34H Well Pad and Access Road: A Class III Cultural Resource Inventory in McKenzie Co., ND
2012	13640				Brooks, B., W. Burns	Gathman 30-19 2TFH Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, North Dakota
2012	13641				McCann, E., W. Burns	Peterson 34-35TFH Well Pad and Access Road: A Class III Cultural Resource Inventory in Mountrail Co., ND
2012	13643				McCann, E., W. Burns	Peterson 43-35TFH Well Pad and Access Road: A Class III Cultural Resource Inventory in Mountrail Co., ND
2012	13669				Morrison, J.	JMAC Proposed Waterline, Intake, Reservoir and Access Road: Class III Cultural Resource Inventory, McKenzie County, ND
2012	13720				Terneny, T., C. Windsor	Phase I Cultural Resource Investigation of Proposed ND04 Tobacco Garden (EnSite 12773) Telecommunications Tower Project Area, Watford City, McKenzie County, ND
2012	13743				Riordan, C.	Addendum to Class I and Class III Cultural Resource Inventory of the Hess RTF Tie-in Project, Williams County, ND
2012	13810				Burns, C.	Gathman 30-19 #4H, Gathman 30-19 #3TFH, Gathman 30-19 #5, Gathman 30-19 #6TFH Well Pad and Access Road: A Class III Cultural Resource Inventory in Williams County, ND

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2012	13847				Kulevsky, A.	Addendum 3 to BakkenLink Pipeline: A Class II and Class III Cultural Resource Inventory in Billings, Stark, Dunn, McKenzie and Williams Counties, North Dakota: Continuing Reroute Options and Site Staking
2012	13887				Morrison, J.	JMAC Proposed Intake Project: Evaluative Testing 32MZ2415 and 32MZ2416, McKenzie County, ND
2012	14001				Burns, W.	Smith 14-29XH Well Pad and Access Road: A Class III Cultural Resources Inventory in Mountrail County, ND
2013	13645				Schleicher, J., M. Cox	A Class I and Class III Cultural Resource Inventory of the Quale/Roggenbuck Sakakawea Water Access #1, Mountrail County, ND
2013	13912				Reiners, L., W. Burns	Williams County Road Right-of-Way Survey: A Class III Cultural Resource Inventory, Williams County, ND
2013	14108				Cox, M., K., Altizer	A Class I and Class III Cultural Resource Inventory of the Hess Goliath Pipeline, Williams County, North Dakota