## Lower Yellowstone Intake Diversion Dam Fish Passage Project, Montana

DRAFT - Appendix F Correspondence

# Attachment 1 Correspondence Distributed



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Lester Randall, Chairman Kickapoo Tribe in Kansas PO Box 271 1107 Goldfinch Road Horton, Kansas 66439

Dear Chairman Randall:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

- <u>Bypass Channel</u>: Originally proposed in the 2015 Supplemental EA. Construct a
  bypass channel from the inlet of the existing high flow chute to just downstream
  of the existing dam and rubble field. Replace Intake Diversion Dam with a
  concrete weir to ensure adequate surface elevations in the river at the upstream
  bypass channel entrance as well as to ensure desired flow split at the irrigation
  headworks.
- Rock Ramp: Originally proposed in the 2015 Supplemental EA. Replace Intake
  Diversion Dam with a concrete weir and boulder and cobble rock ramp to ensure
  adequate surface elevations in the river upstream of the weir at the headworks
  for diversion into the main canal.
- <u>Multiple Pumping Stations</u>: Remove the Intake Diversion Dam and construct seven pumping stations on the Yellowstone River to deliver water to the Lower Yellowstone Project. Locations of the pumping stations are conceptual at this time. Since the Lower Yellowstone Project was designed for gravity flow of water primarily from a single water source at Intake, this alternative would require some restructuring of the Lower Yellowstone Project canal system to accommodate a water supply from multiple points along the canal.
- High Flow Channel: Excavate the existing 4-mile-long high flow channel to provide appropriate habitat conditions for pallid sturgeon passage. Parameters related to depth, velocity, and timing need to be considered. The high flow channel is located on the right descending bank.
- Pumping with Conservation Measures: Remove the Intake Diversion Dam and operate the headworks when there is sufficient flow in the river to do so.
   Implement conservation measures to reduce water demand, implement pumping to provide water source when it cannot be obtained via the headworks, and power this alternative with wind power.

Both current and past project information and analyses can be accessed online at http://www.usbr.gov/gp/mtao/loweryellowstone.

We recognize our Government-to-Government responsibilities and will work to meet with you and your staff for consultation at any time during this process. If your Tribe is interested in Government-to-Government consultation, please contact Mr. Joel Ames, Tribal Liaison, at (402) 995-2909 or email at joel.o.ames@usace.army.mil.

Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Liana Onnen, Chairman Prairie Band Potawatomi Nation 16281 Q Road Mayetta, Kansas 66509

Dear Chairman Onnen:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Darrin Old Coyote, Chairman, Crow Tribal Council Apsaalooke (Crow) Nation P.O. Box 159 Bacheeitche Avenue Crow Agency, Montana 59022

Dear Chairman Old Coyote:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

**District Commander** 

## Copy Furnished:

Mr. George Reed, Cultural Resource Director Apsaalooke (Crow) Nation P.O. Box 159 Crow Agency, Montana 59022

Mr. Emerson Bull Chief, THPO Apsaalooke (Crow) Nation P.O. Box 159 Crow Agency, Montana 59022



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Harry Barnes, Chairman, Blackfeet Tribal Business Council Blackfeet Tribe P.O. Box 850 Blackfeet Tribe Agency Square Browning, Montana 59417

#### Dear Chairman Barnes:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Ms. Gayle Skunkcap Jr., Director, Fish & Wildlife Department Blackfeet Tribe P.O. Box 850 101 Popimi Street Browning, Montana 59417

Mr. John Murray, Planning Department, THPO Blackfeet Tribe Box 850 620 All Chief Road Browning, Montana 59417



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

#### District Commander

Mr. Ken St. Marks, Acting Chairman, Chippewa Cree Business Committee Chippewa Cree Tribe of Rocky Boy's P.O. Box 544 31 Agency Square Box Elder, Montana 59521

Dear Chairman St. Marks:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Mr. Curtis Monteau, Director of Natural Resources Chippewa Cree Tribe of Rocky Boy's RR 1, Box 542 Box Elder, Montana 59521

Mr. Alvin Windy Boy, Sr., THPO Chippewa Cree Tribe of Rocky Boy's P.O. Box 230 Box Elder, Montana 59521



CORPS OF ENGINEERS, OMAHA DISTRCT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Darwin St. Clair, Jr., Chairman, Shoshone Business Council Eastern Shoshone Tribe P.O. Box 538 15 N. Fork Rd Fort Washakie, Wyoming 82514

Dear Chairman St. Clair, Jr.:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam islocated approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Mr. Baptiste Weed, Fish & Wildlife, Natural Resources, Joint Tribal Water Engineer Eastern Shoshone Tribe
PO Box 217
Fort Washakie, Wyoming 82514

Mr. Wilfred Ferris, THPO Eastern Shoshone Tribe PO Box 538 Fort Washakie, Wyoming 82514



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Timothy Rhodd, Chairman lowa Tribe of Kansas and Nebraska 3345 8 Thrasher Rd. White Cloud, Kansas 66094

Dear Chairman Rhodd:

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John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Mr. Lance Foster, THPO lowa Tribe of Kansas and Nebraska 3345 Thrasher Road White Cloud, Kansas 66094

Mr. Alan Kelley, Vice Chairman Iowa Tribe of Kansas and Nebraska 3345 B Thrasher Road White Cloud, Kansas 66094



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Llevando Fisher, President, Tribal Council Northern Cheyenne Tribe P.O. Box 128 600 S. Cheyenne Ave. Lame Deer, Montana 59043

Dear President Fisher:

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We recognize our Government-to-Government responsibilities and will work to meet with you and your staff for consultation at any time during this process. If your Tribe is interested in Government-to-Government consultation, please contact Mr. Joel Ames, Tribal Liaison, at (402) 995-2909 or email at joel.o.ames@usace.army.mil.

Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Mr. Allen Clubfoot, Director, Natural Resources Department Northern Cheyenne Tribe P.O. Box 128 104 Little Coyote Drive Lame Deer, Montana 59043

Ms. Teanna Limpy, THPO Northern Cheyenne Tribe P.O. Box 128 Lame Deer, Montana 59043



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Edmore Green, Chairman Sac and Fox Nation of Missouri in Kansas and Nebraska 305 N. Main Street Reserve, Kansas 66434

Dear Chairman Green:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive. Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

- Bypass Channel: Originally proposed in the 2015 Supplemental EA Construct a
  bypass channel from the inlet of the existing high flow chute to just downstream
  of the existing dam and rubble field. Replace Intake Diversion Dam with a
  concrete weir to ensure adequate surface elevations in the river at the upstream
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  headworks.
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  adequate surface elevations in the river upstream of the weir at the headworks
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- High Flow Channel: Excavate the existing 4-mile-long high flow channel to provide appropriate habitat conditions for pallid sturgeon passage. Parameters related to depth, velocity, and timing need to be considered. The high flow channel is located on the right descending bank.
- Pumping with Conservation Measures: Remove the Intake Diversion Dam and operate the headworks when there is sufficient flow in the river to do so. Implement conservation measures to reduce water demand, implement pumping to provide water source when it cannot be obtained via the headworks, and power this alternative with wind power.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Ms. Sandra Massey, Historic Preservation Officer Sac and Fox Nation of Missouri in Kansas and Nebraska 305 N. Main Street Reserve, Kansas 66434

Ms. Lisa Montgomery, Director, Environmental Department Sac and Fox Nation in Kansas and Missouri 305 N. Main Street Reserve, Kansas 66434



CORPSOFENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Dave Archambault, II, Chairman, Tribal Council Standing Rock Sioux Tribe P.O. Box D Block 1 North Standing Rock Ave. Fort Yates, North Dakota 58538

Dear Chairman Archambault, II:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

## Copy Furnished:

Mr. Kelly Morgan, Tribal Archeologist Standing Rock Sioux Tribe P.O. Box D Fort Yates, North Dakota 58538

Mr. Jon Eagle, THPO
Standing Rock Sioux Tribe
PO Box D
Fort Yates, North Dakota 58538



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Ms. Darla Lapointe, Chairperson Winnebago Tribe of Nebraska P.O. Box 687 100 Bluff Street Winnebago, Nebraska 68071

Dear Chairperson Lapointe:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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- <u>Bypass Channel</u>: Originally proposed in the 2015 Supplemental EA. Construct a bypass channel from the inlet of the existing high flow chute to just downstream of the existing dam and rubble field. Replace Intake Diversion Dam with a concrete weir to ensure adequate surface elevations in the river at the upstream bypass channel entrance as well as to ensure desired flow split at the irrigation headworks.
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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Mr. Henry Payer, THPO Office Winnebago Tribe of Nebraska PO Box 687 Winnebago, Nebraska 68071

Mr. Vince Bass, Vice Chairman Winnebago Tribe of Nebraska PO Box 687 Winnebago, Nebraska 68071



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. AT Rusty Stafne, Chairman Assiniboine and Sioux Tribes of Fort Peck P.O. Box 1027 501 Medicine Bear Road Poplar, Montana 59255

Dear Chairman Stafne:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Mr. Arnold (Arnie) Big Horn, Administrator, Water Resource Department Assiniboine and Sioux Tribes of Fort Peck P.O. Box 1027 5353 BIA Route 14 Poplar, Montana 59255

Ms. Deb Madison, Environmental Program Manager, Office of Environmental Protection Assiniboine and Sioux Tribes of Fort Peck 603 Court Avenue Box 1027 Poplar, Montana 59255

Mr. Darrell Youppe, THPO Assiniboine and Sioux Tribes of Fort Peck P.O. Box 1027 501 Medicine Bear Road Poplar, Montana 59255



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Mark Azure, President, Fort Belknap Community Council Gros Ventre and Assiniboine Tribes of Fort Belknap 656 Agency Main Street Harlem, Montana 59526

Dear President Azure:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouririvers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Mr. John Allen, Council Member Gros Ventre and Assiniboine Tribes of Fort Belknap 656 Agency Main Street Harlem, Montana 59526

Mr. Dennis LongKnife, Environmental Compliance Officer, Environmental Dept. Gros Ventre and Assiniboi ne Tribes of Fort Belknap 656 Agency Main Street P.O. Box 983 Harlem, Montana 59526

Mr. Morris Belgard, THPO Gros Ventre and Assiniboine Tribes of Fort Belknap 656 Agency Main Street Harlem, Montana 59526



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Mark Fox, Chairman Three Affiliated Tribes 404 Frontage Rd New Town, North Dakota 58763

Dear Chairman Fox:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Mr. Carson Hood, Director, Natural Resources Three Affiliated Tribes 404 Frontage Rd New Town, North Dakota 58763

Mr. Antoine Fettig-Smith, Director, Fish and Wildlife Division Three Affiliated Tribes 404 Frontage Road P.O. Box 1818 New Town, North Dakota 58763

Mr. Elgin Crow's Breast, THPO Three Affiliated Tribes 404 Frontage Rd New Town, North Dakota 58763



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. John Yellow Bird Steele, President, Tribal Council Oglala Sioux Tribe P.O. Box 2070 Hwy 8 Main Street Pine Ridge, South Dakota 57770

Dear President Yellow Bird Steele:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam islocated approximately 70 miles upstream of the confluence of the Yellowstone and Missouririvers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

**District Commander** 

Copy Furnished:

Ms. Trina Lone Hill, THPO Office Oglala Sioux Tribe P.O. Box 419 Red Cloud Building, Main Street Pine Ridge, South Dakota 57770



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Clifford Wolfe, Chairman, Tribal Council Omaha Tribe of Nebraska P.O. Box 368 100 Main Street Macy, Nebraska 68039

Dear Chairman Wolfe:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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- High Flow Channel: Excavate the existing 4-mile-long high flow channel to provide appropriate habitat conditions for pallid sturgeon passage. Parameters related to depth, velocity, and timing need to be considered. The high flow channel is located on the right descending bank.
- Pumping with Conservation Measures: Remove the Intake Diversion Dam and operate the headworks when there is sufficient flow in the river to do so.
   Implement conservation measures to reduce water demand, implement pumping to provide water source when it cannot be obtained via the headworks, and power this alternative with wind power.

Both current and past project information and analyses can be accessed online at <a href="http://www.usbr.gov/gp/mtao/loweryellowstone">http://www.usbr.gov/gp/mtao/loweryellowstone</a>.

We recognize our Government-to-Government responsibilities and will work to meet with you and your staff for consultation at any time during this process. If your Tribe is interested in Government-to-Government consultation, please contact Mr. Joel Ames, Tribal Liaison, at (402) 995-2909 or email at joel.o.ames@usace.army.mil.

Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

**District Commander** 

Copy Furnished:

Mr. Thomas Parker, THPO Omaha Tribe of Nebraska P.O. Box 368 Macy, Nebraska 68039



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Larry Wright, Chairman Ponca Tribe of Nebraska 252-1 Spruce PO Box 288 Niobrara, Nebraska 68760

Dear Chairman Wright:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

District Commander

## Copy Furnished:

Mr. Shannon Wright, Director of Cultural Affairs Ponca Tribe of Nebraska P.O. Box 288 2548 Park Ave. Niobrara, Nebraska 68760



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. William Kindle, President, Tribal Council Rosebud Sioux Tribe P.O. Box 430 11 Legand Ave. Rosebud, South Dakota 57570

Dear President Kindle:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Russell Eagle Bear, THPO Rosebud Sioux Tribe PO Box 809 Rosebud, South Dakota 57570



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Roger Trudell, Chairman Santee Sioux Tribe of Nebraska 108 Spirit Lake Ave. West Niobrara, Nebraska 68760

Dear Chairman Trudell:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Rick Thomas, THPO Santee Sioux Tribe of Nebraska 52948 Highway 12 Niobrara, Nebraska 68760



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. David Flute, Chairman Sisseton-Wahpeton Oyate P.O. Box 509 100 Veterns Memorial Drive Agency Village, South Dakota 57262

Dear Chairman Flute:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Ms. Dianne Desrosiers, THPO Sisseton-Wahpeton Oyate PO Box 907 205 Oak St. E. Ste 121 Sisseton, South Dakota 57262



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Ms. Myra Pearson, Chairwoman, Tribal Council Spirit Lake Sioux Tribe P.O. Box 359 816 3rd Avenue North, Tribal Adm Blgd. Fort Totten, North Dakota 58335

## Dear Chairperson Pearson:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Darrell Smith, THPO Spirit Lake Sioux Tribe P.O. Box 359 Fort Totten, North Dakota 58335



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Richard McCloud, Chairman, Turtle Mountain Band Turtle Mountain Band of Chippewa Indians P.O. Box 900 4180 Hwy 281 Belcourt, North Dakota 58316

Dear Chairman McCloud:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Mr. Bruce Nedeau, Director, Natural Resources, THPO Turtle Mountain Band of Chippewa Indians P.O. Box 900 Belcourt, North Dakota 58316



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Robert Flying Hawk, Chairman Yankton Sioux Tribe P.O. Box 1153 800 Main Avenue SW Wagner, South Dakota 57380

Dear Chairman Flying Hawk:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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If you have comments, any questions, or would like to schedule a meeting, please contact Tiffany Vanosdall, Project Manager, at 402-995-2695 or email at tiffany.k.vanosdall@usace.army.mil or Cathi Warren, Native American Consultation Specialist, at 402-995-2684 or email at catherine j.warren@usace.army.mil.

We recognize our Government-to-Government responsibilities and will work to meet with you and your staff for consultation at any time during this process. If your Tribe is interested in Government-to-Government consultation, please contact Mr. Joel Ames, Tribal Liaison, at (402) 995-2909 or email at joel.o.ames@usace.army.mil.

Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Perry Little, THPO Yankton Sioux Tribe P.O. Box 1153 800 Main Avenue SW Wagner, South Dakota 57380



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Harold Frazier, Chairman Cheyenne River Sioux Tribe P.O. Box 590 2001 Main Street Eagle Butte, South Dakota 57625

Dear Chairman Frazier:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

- <u>Bypass Channel</u>: Originally proposed in the 2015 Supplemental EA. Construct a bypass channel from the inlet of the existing high flow chute to just downstream of the existing dam and rubble field. Replace Intake Diversion Dam with a concrete weir to ensure adequate surface elevations in the river at the upstream bypass channel entrance as well as to ensure desired flow split at the irrigation headworks.
- Rock Ramp: Originally proposed in the 2015 Supplemental EA. Replace Intake
  Diversion Dam with a concrete weir and boulder and cobble rock ramp to ensure
  adequate surface elevations in the river upstream of the weir at the headworks
  for diversion into the main canal.
- Multiple Pumping Stations: Remove the Intake Diversion Dam and construct seven pumping stations on the Yellowstone River to deliver water to the Lower Yellowstone Project. Locations of the pumping stations are conceptual at this time. Since the Lower Yellowstone Project was designed for gravity flow of water primarily from a single water source at Intake, this alternative would require some restructuring of the Lower Yellowstone Project canal system to accommodate a water supply from multiple points along the canal.
- High Flow Channel: Excavate the existing 4-mile-long high flow channel to provide appropriate habitat conditions for pallid sturgeon passage. Parameters related to depth, velocity, and timing need to be considered. The high flow channel is located on the right descending bank.
- Pumping with Conservation Measures: Remove the Intake Diversion Dam and operate the headworks when there is sufficient flow in the river to do so.
   Implement conservation measures to reduce water demand, implement pumping to provide water source when it cannot be obtained via the headworks, and power this alternative with wind power.

Both current and past project information and analyses can be accessed online at <a href="http://www.usbr.gov/gp/mtao/loweryellowstone">http://www.usbr.gov/gp/mtao/loweryellowstone</a>.

If you have comments, any questions, or would like to schedule a meeting, please contact Tiffany Vanosdall, Project Manager, at 402-995-2695 or email at tiffany.k.vanosdall@usace.army.mil or Cathi Warren, Native American Consultation Specialist, at 402-995-2684 or email at catherine.j.warren@usace.army.mil.

We recognize our Government-to-Government responsibilities and will work to meet with you and your staff for consultation at any time during this process. If your Tribe is interested in Government-to-Government consultation, please contact Mr. Joel Ames, Tribal Liaison, at (402) 995-2909 or email at joel.o.ames@usace.army.mil.

Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Steve Vance, THPO
Cheyenne River Sioux Tribe
P.O. Box 590
Eagle Butte, South Dakota 57625



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Ms. Roxanne Sazue, Chairperson Crow Creek Sioux Tribe P.O. Box 50 100 Drifting Goose Street Fort Thompson, South Dakota 57339

Dear Chairperson Sazue:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

- Bypass Channel: Originally proposed in the 2015 Supplemental EA. Construct a
  bypass channel from the inlet of the existing high flow chute to just downstream
  of the existing dam and rubble field. Replace Intake Diversion Dam with a
  concrete weir to ensure adequate surface elevations in the river at the upstream
  bypass channel entrance as well as to ensure desired flow split at the irrigation
  headworks.
- Rock Ramp: Originally proposed in the 2015 Supplemental EA. Replace Intake
  Diversion Dam with a concrete weir and boulder and cobble rock ramp to ensure
  adequate surface elevations in the river upstream of the weir at the headworks
  for diversion into the main canal.
- <u>Multiple Pumping Stations</u>: Remove the Intake Diversion Dam and construct seven pumping stations on the Yellowstone River to deliver water to the Lower Yellowstone Project. Locations of the pumping stations are conceptual at this time. Since the Lower Yellowstone Project was designed for gravity flow of water primarily from a single water source at Intake, this alternative would require some restructuring of the Lower Yellowstone Project canal system to accommodate a water supply from multiple points along the canal.
- High Flow Channel: Excavate the existing 4-mile-long high flow channel to provide appropriate habitat conditions for pallid sturgeon passage. Parameters related to depth, velocity, and timing need to be considered. The high flow channel is located on the right descending bank.
- <u>Pumping with Conservation Measures</u>: Remove the Intake Diversion Dam and operate the headworks when there is sufficient flow in the river to do so.
   Implement conservation measures to reduce water demand, implement pumping to provide water source when it cannot be obtained via the headworks, and power this alternative with wind power.

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Sincerely,

Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Darrell Zephier, THPO Crow Creek Sioux Tribe P.O. Box 50 Fort Thompson, South Dakota 57339



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

## **District Commander**

Mr. Anthony Reider, President, Executive Committee Flandreau Santee Sioux Tribe P.O. Box 283 603 West Broad Avenue Flandreau, South Dakota 57028

#### Dear President Reider:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

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  headworks.
- <u>Rock Ramp</u>: Originally proposed in the 2015 Supplemental EA. Replace Intake
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  adequate surface elevations in the river upstream of the weir at the headworks
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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

# Copy Furnished:

Ms. Elizabeth Wakeman, Tribal Response Program Coordinator/Brownsfield Program Director
Flandreau Santee Sioux Tribe
219 Owancaya Duta Drive
Flandreau, South Dakota 57028



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

District Commander

Mr. Kevin Wright, Chairman, Tribal Council Lower Brule Sioux Tribe P.O. Box 187 187 Oyate Circle Lower Brule, South Dakota 57548

Dear Chairman Wright:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

As part of our Federal Tribal Trust responsibility, the Corps and Reclamation are seeking input on concerns that uniquely or significantly affect your Tribe, related to the project. Early identification of Tribal concerns will allow the agencies and tribes to cooperatively identify ways to avoid and minimize potential adverse impacts to Indian Trust Assets (ITAs), Traditional Cultural Properties (TCPs), and other resources of tribal concern as project planning and alternatives are developed and refined.

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Sincerely,

John W. Henderson, P.E. Colonel, Corps of Engineers

District Commander

Copy Furnished:

Mr. Scott Jones, Cultural Resource Director Lower Brule Sioux Tribe P.O. Box 187 Lower Brule, South Dakota 57548



CORPS OF ENGINEERS, OMAHA DISTRICT 1616 CAPITOL AVENUE OMAHA NE 68102-4901

April 5, 2016

**District Commander** 

Mr. Dean Goggles, Chairman, Arapaho Business Committee Northern Arapaho Tribe P.O. Box 396 533 Ethete, Ethete, Wyoming 82520 Fort Washakie, Wyoming 82514

## Dear Chairman Goggles:

The U.S. Army Corps of Engineers (Corps) and Bureau of Reclamation (Reclamation) invite your Tribe to comment on the proposed Intake Diversion Dam Fish Passage Project (Project or undertaking) on the Lower Yellowstone River at Intake in Dawson County, Montana (see enclosed location map). The Project has been proposed to improve pallid sturgeon passage while continuing viable and effective operation of the Lower Yellowstone Irrigation Project. The Lower Yellowstone Irrigation Project was authorized by the Secretary of the Interior on May 10, 1904 in order to provide a dependable water supply sufficient to irrigate dry agricultural lands on the west bank of the Yellowstone River. Construction of the Lower Yellowstone Irrigation Project began in 1905 and included Intake Diversion Dam (also known as Yellowstone River Diversion Dam)-a 12-foot high wood and stone diversion dam that spans the Yellowstone River and diverts water into the Main Canal for irrigation. Intake Diversion Dam is located approximately 70 miles upstream of the confluence of the Yellowstone and Missouri rivers near Glendive, Montana.

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Sincerely,

John W. Henderson, P.E.

Colonel, Corps of Engineers

District Commander

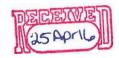
Copy Furnished:

Ms. Yufna SoliderWolf, Director THPO Northern Arapaho Tribe P.O. Box 67 Fort Washakie, Wyoming 82514

# Attachment 2 Correspondence Received



#### **CROW TRIBAL CULTURAL DEPARTMENT**



## **Department Of The Army**

April 19, 2016

CORPS OF ENGINEERS OHAHA DISTRICT

1816 Capital Avenue

Omaha, NE 68102

To Whom It May Concern:

I received correspondence from the chairman's office on April 12, 2016, concerning the Proposed Intake Diversion Dam Fish Passage Project. Although the Bureau of Reclamation has contacted us in 2008, there was really no information shared. I, director of the culture department and chairman of the Preservation Board/Culture Committee, am only one person who doesn't even have a vote but I will present the correspondence to the board for their consideration and comments.

The Apsaalooke Nation does have an unique relationship with the Elk River, the confluence of the Elk River is a boundary of the territorial homeland of the Apsaalooke. At dawn of September 29, 1851, our great leader and statesman, Blackfoot, revealed his sacred bundle, a swan, he painted the bill blue and placed it facing the rising sun. He offered his pipe in prayer, he was asking for guidance for what he was to undertake later that day. In his prayer he designated the homeland of the Apsaalooke, "where my four base tepee poles set on the ground is mine, as long as there is even just one Apsaalooke left, I want that one Apsaalooke to have a place to come home to. Whoever interferes with what I have done, I want something to happen to them and if they are persistent I want them to be gone. This is an unwritten code of the Apsaalooke that can never be changed.

The confluence of the Elk River, although it has meandered since that time, the highest peak in the Big Saddle in the Black Hills, Sinks Canyon in the Wind Hills, along the ridge, Continental Divide, to the headwaters of the Big River, Three Forks. These four geographical landmarks are all abstract, they can never be changed or altered and there are no other places in the world like these four geographical sites. Farther Desmet, a Catholic priest who did not speak the Apsaalooke language nor did he know the topography of the land interpreted Blackfoot's prayer at the treaty conference at Horse Creek. That misinterpretation designated the 38.5 million acre territorial homeland of the Apsaalooke.

This is just a synopsis of why we are concerned about our territorial home land, within this vast area we are concerned about our historical and sacred sites which have been disturbed, destroyed and desecrated by other Indigenous Nations, who know nothing about these sites, the irony of the matter is that the United States government allows them.

Very respectfully submitted,

Slange Roed, A. George Reed, Jr. Chairman,

Preservation Board/Culture Committee