

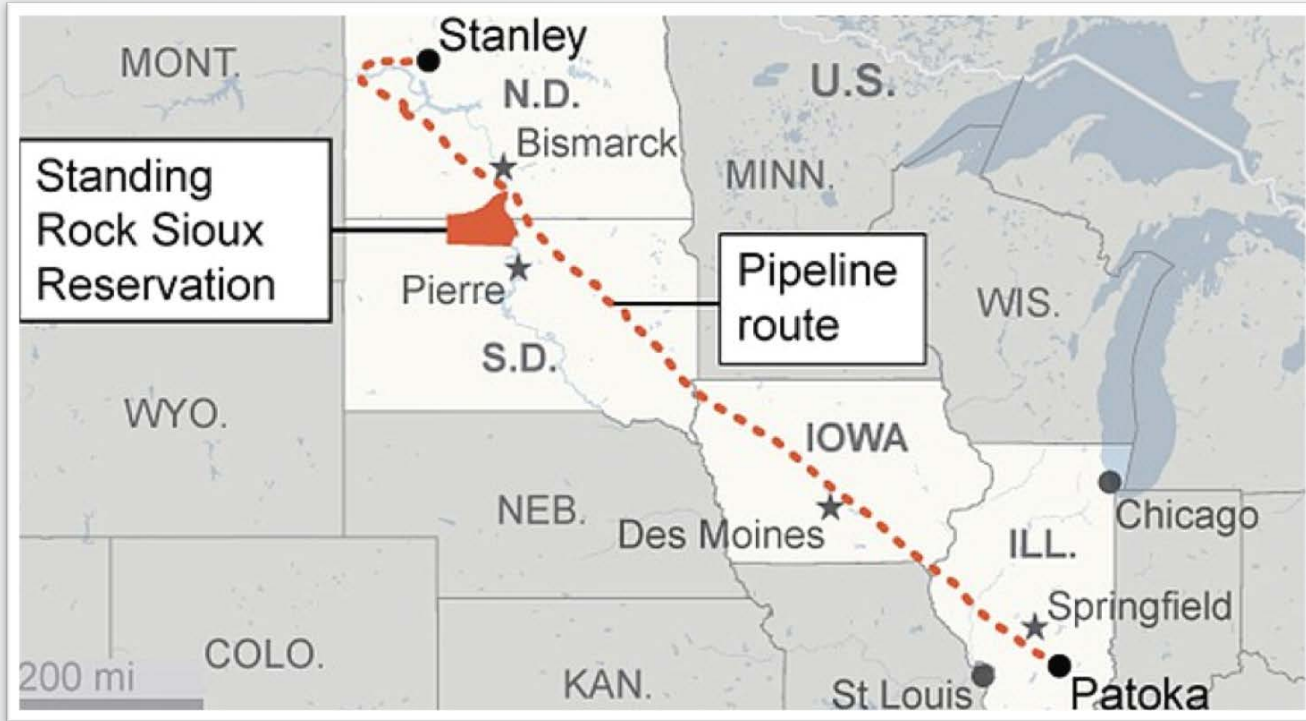
An Overview of Dakota Access Pipeline Issues: A North Dakota Perspective

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NDResponse

Project Background



- Built By Dakota Access, LLC (Owned By Energy Transfer Partners, LP)
- 1,172-Mile Underground Pipeline
- Begins Near Stanley, ND & Ends In Patoka, IL
- Will Transport Light, Sweet Crude Oil From The Bakken To Market

Approving Agencies

- The Dakota Access Pipeline Was Approved By:
 - South Dakota Public Utilities Commission
 - North Dakota Public Service Commission
 - Iowa Utilities Board
 - Illinois Commerce Commission
 - U.S. Army Corps Of Engineers

Issues Pertaining to Water

- River Crossing Required A Sovereign Lands Permit (North Dakota Office Of The State Engineer)
 - Primary Concerns Were Allowing Vertical & Horizontal Movement Of Water Without Compromising The Pipe; &
 - Utilization Of The Most Modern, State-Of-The-Art Safety Features & Equipment
 - All Concerns Were Met By The Applicant

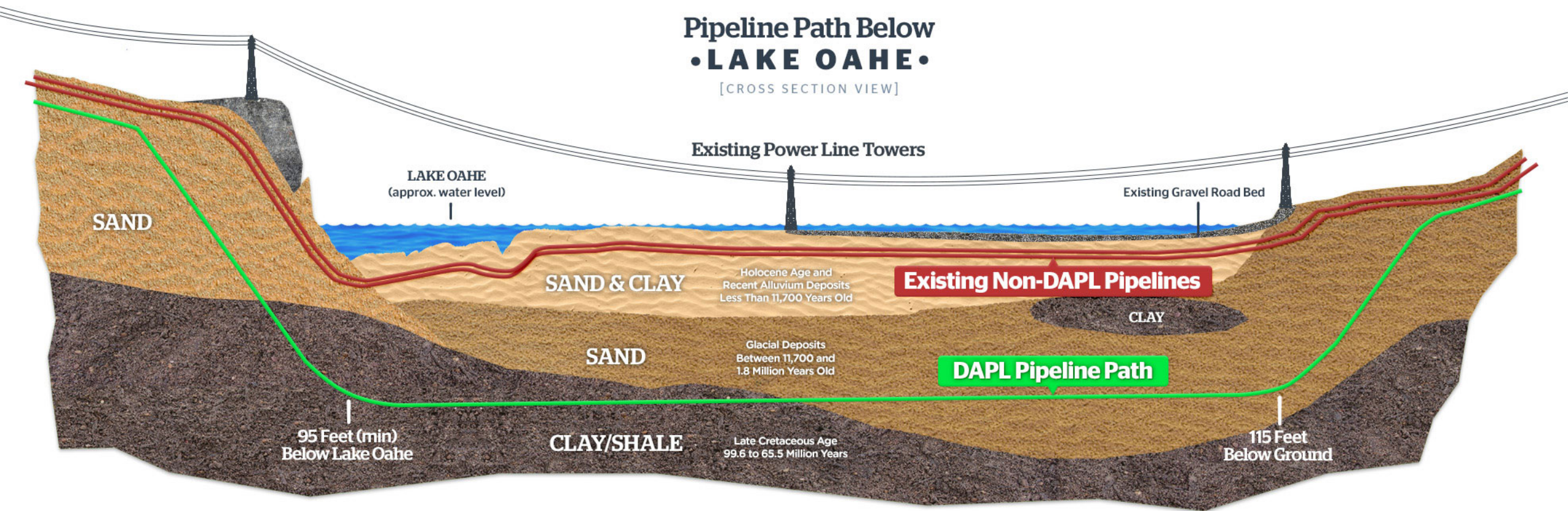
Issues Pertaining to Water

- Scour Analysis Required By SWC
 - Current Minimum Federal Standards Require Only 4 Feet “Depth Of Cover”
 - Source: 49CFR Part 195, Subpart D: Cover Over Buried Pipeline
 - OSE Contracted HDR To Review DAPL’s Scour Analysis, Which Found:
 - 20 Feet Of Potential Scour At Lake Oahe Crossing Location
 - Therefore, OSE Required “Total Scour Plus 4 Feet” (20’+4’=24’ Minimum Depth)
 - DAPL’s Actual Depth Is A Minimum Of 95 Feet

Issues Pertaining to Water

- Groundwater Considerations
 - The Material Below Lake Oahe Is In Connection With The Hydraulics Of The River
 - If DAPL Were Not Deep Enough, The Nature Of The Deposits Would Allow A Potential Pipeline Breach To Contaminate Both The Aquifer & The River
 - Drilling 95 Feet Below The Lake Bed Alleviated These Concerns

Crossing Lake Oahe



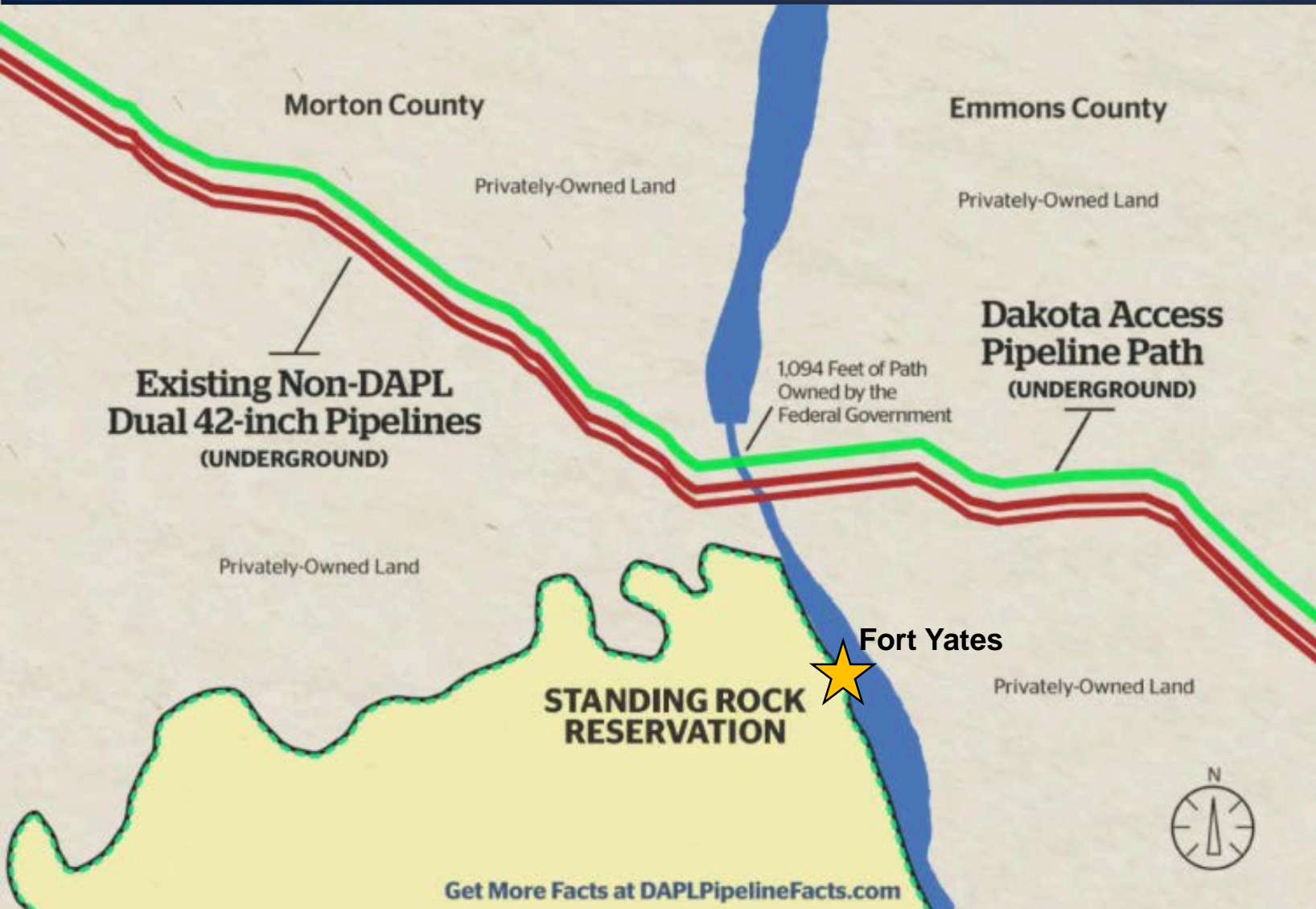
● Illustrated Pipelines are Much
● Larger Than Scale for Visibility

Not Shown: There are 7 Other Pipelines
that Cross Lake Oahe in Near Proximity

Eight pipelines currently cross under Lake Oahe, many near the surface. The Dakota Access Pipeline will be 95-115 feet underground, and use a path similar to, but much farther underground than a pipeline pair that has been operating for almost 35 years.

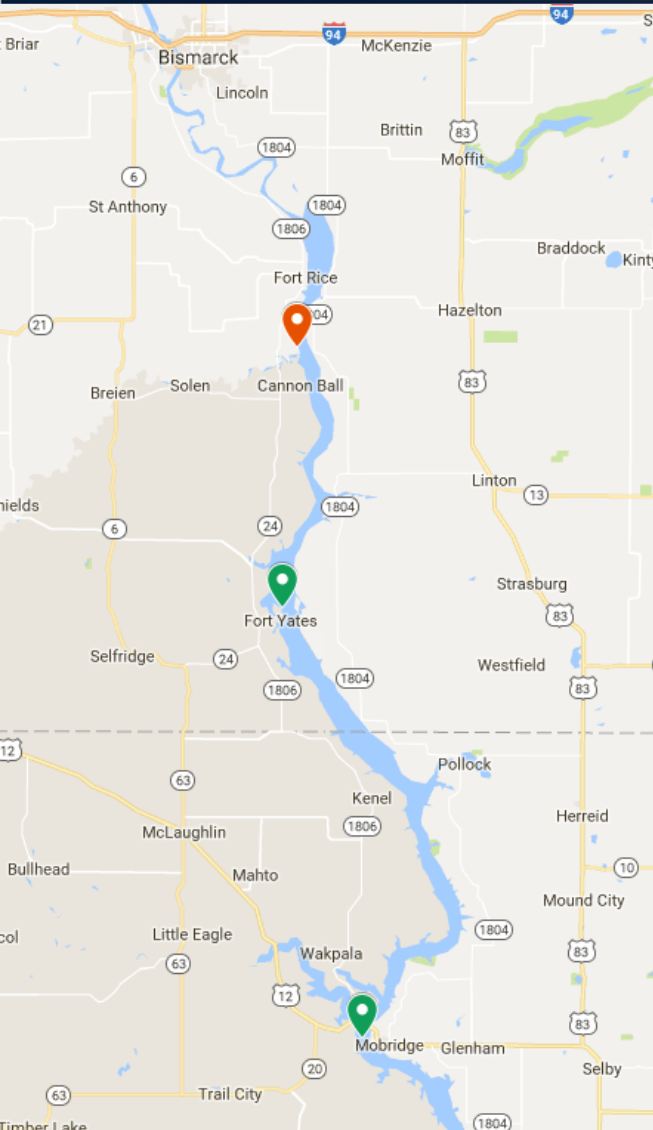
DAPL Is A Minimum Of 95 Feet Below The Lake Bed

Lake Oahe Continued



- Crosses Lake Oahe In Morton & Emmons County, ND On Privately Owned Land
- North Of The Standing Rock Sioux Reservation (Sioux County, ND)

Standing Rock Tribe's Water Intake



- Currently, The Tribe's Water Intake Is Located In Fort Yates, ND, On Tribal Land
- By The End Of 2017, The Intake Is Scheduled To Be Moved Approximately 50 Miles South, Near Mobridge, SD

Protest Activity Begins

August 2016:

Protesters Began Gathering In Morton County In Opposition Of DAPL

*Law Enforcement
Activity*

Construction



Protest Activity Intensifies

Protesters Began Securing Themselves To Equipment With Devices Called “Sleeping Dragons”



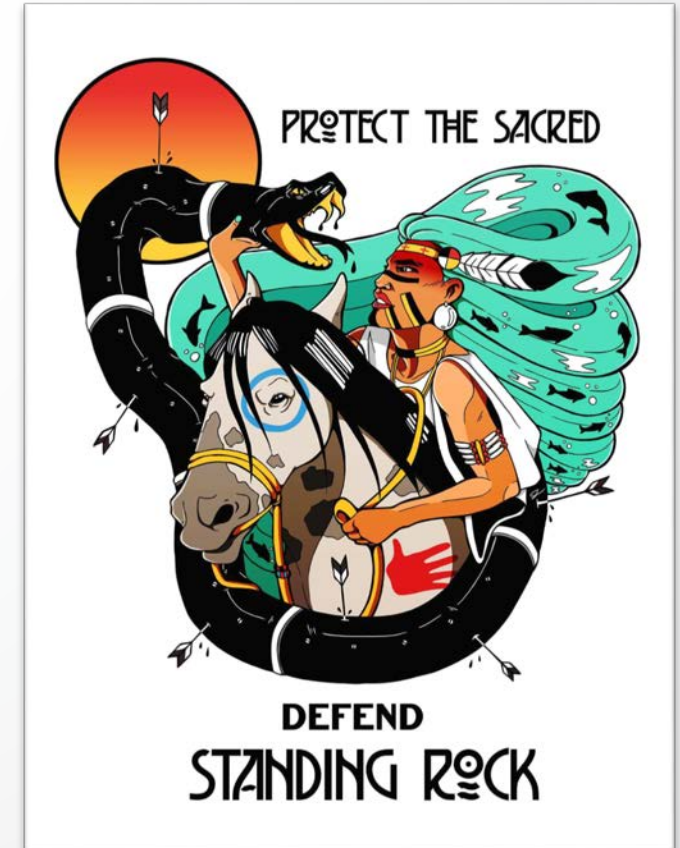
Protest Activity Intensifies

Law Enforcement & DAPL Equipment Were Targets Of The Protests



Social Media

The State Was Ill-Prepared To Counteract The Protestors' Use Of Powerful Images On Social Media Platforms



Social Media

The “NoDAPL” Cause Raised Millions Of Dollars Via Donations Using Social Media



The screenshot shows a GoFundMe page for the cause 'Veterans for Standing Rock #NoDAPL'. The main image depicts a person on a horse in front of a line of police officers and military vehicles. The page indicates that \$1,155,660 has been raised out of a \$1.1M goal by 25,988 people in 4 months. The fundraiser was created on November 11, 2016, by Michael Wood Jr., a volunteer from Fort Yates, ND. A recent donation of \$25 from an anonymous user is listed. The page includes a search bar, a 'Start a Fundraiser' button, and social media sharing options for Facebook and Twitter.

go fund me | Search | Start a Fundraiser

Share | Tweet

\$1,155,660 of \$1.1M goal

Raised by 25,988 people in 4 months

No Longer Accepting Donations

Share on Facebook

Created November 11, 2016

Michael Wood Jr. Volunteer FORT YATES, ND

Recent Donations

\$25 Anonymous 2 months ago

Veterans for Standing Rock #NoDAPL

#NoDAPL

Help CopWatch Patrol Unit get to #StandingRock
<https://www.gofundme.com/Standing-Rock>

Social Media

Anti-Law Enforcement Images Shaped What Became An International Narrative



Social Media Efforts

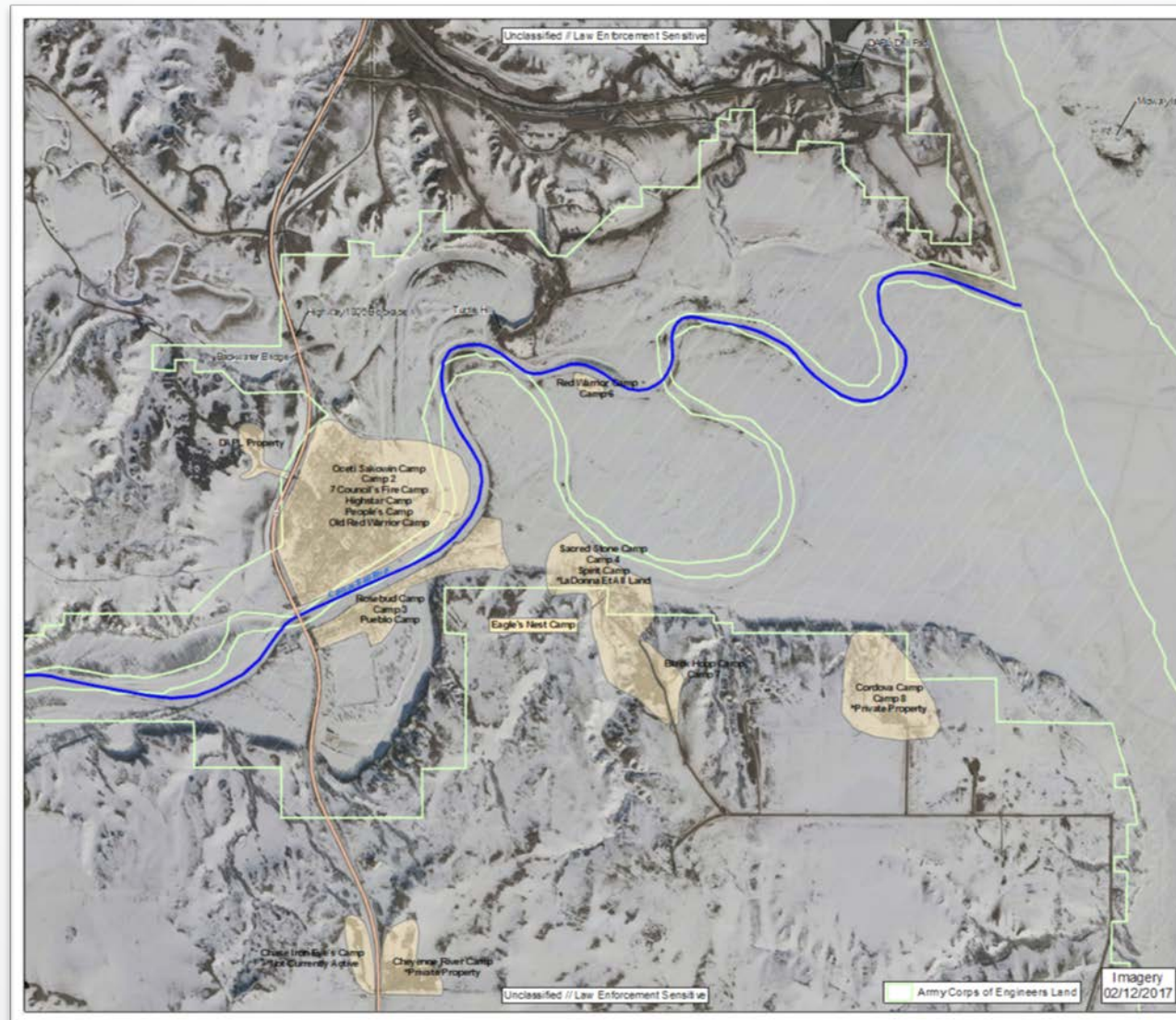
State & Local Government Begin To Counteract Protest Social Media Efforts

- Know The Truth Campaign Begins
 - ND Response Website Developed
 - Press Releases Made Easily Accessible By State And Local Entities
 - "By The Numbers" And Daily Activity Statistics Published On A Regular Basis
 - "Myth Vs Fact" Publications Released To The Public To Clarify News Headlines

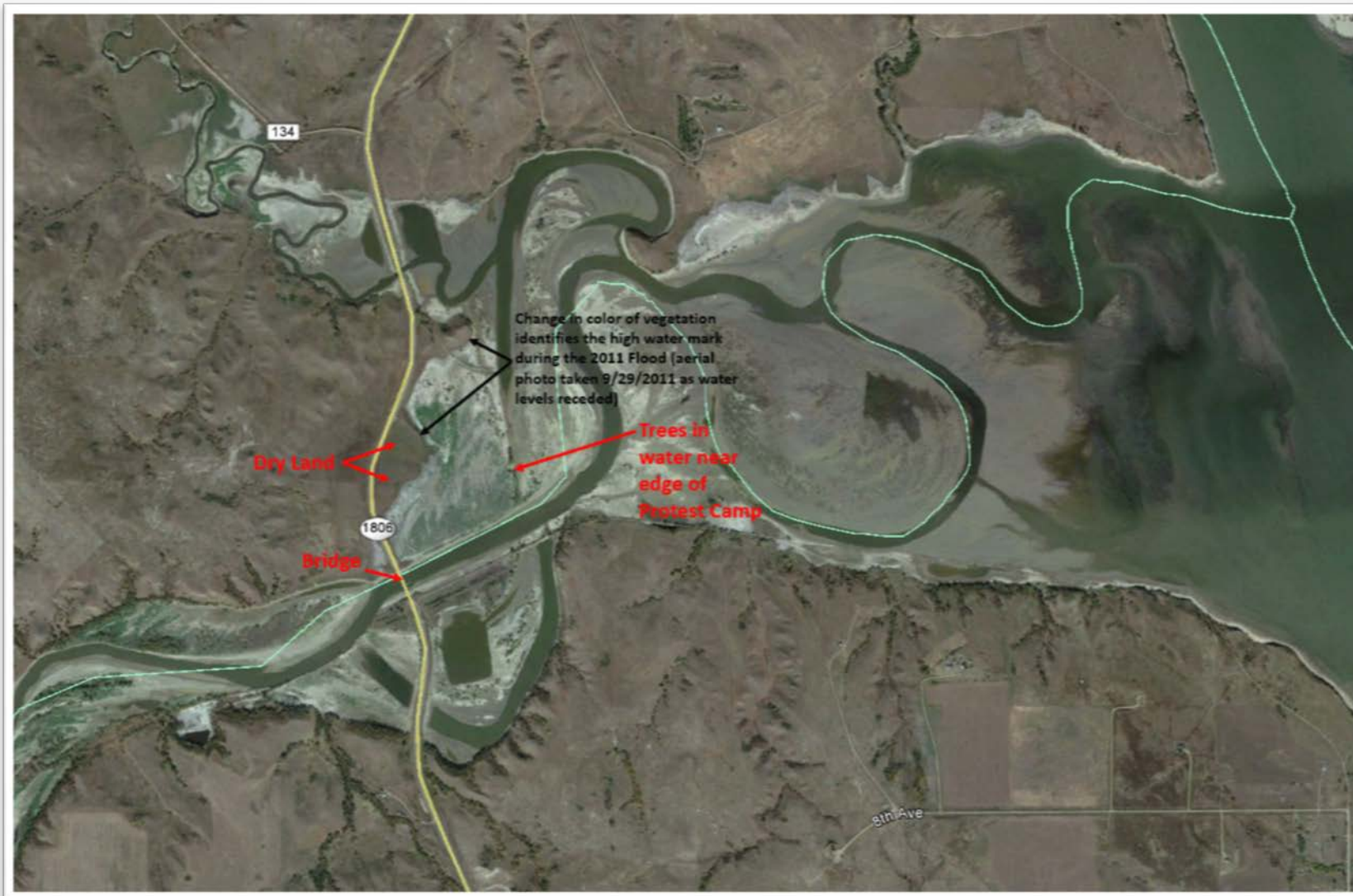
Location of Protest Camps

- The Majority Of The Most Active Protest Camps Were Located On US Army Corps Of Engineers (USACE) Land
 - State & Local Leadership Continually Asked USACE To Act; The Requests Were Met With Little To No Response, Despite USACE's Approval Of The Overall Project

Location of Protest Camps



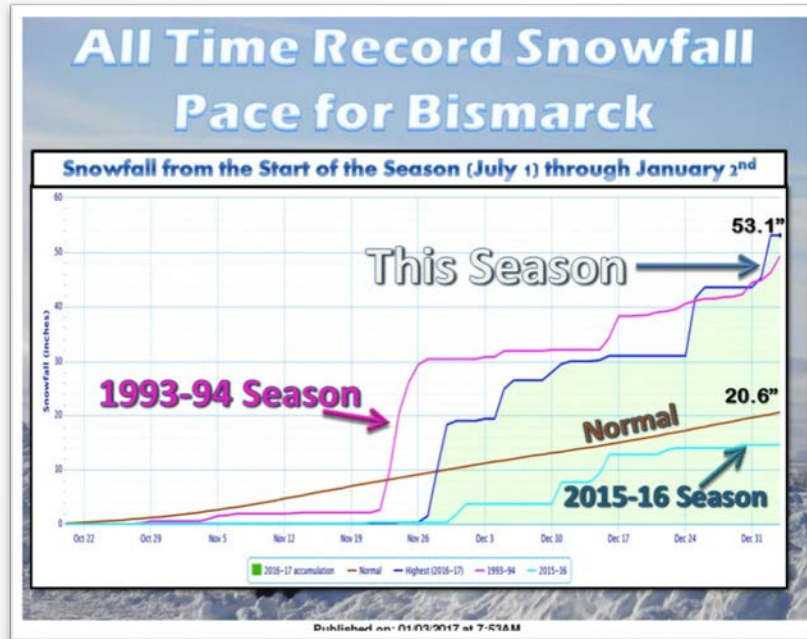
Potential Flooding



Potential Flooding



Winter Storms



Severe Storms In November & December Delivered Record High Levels Of Precipitation

- These Storms Brought About Dangerous Travel Conditions & Deadly Wind-Chills;
- The New Snow Pack Magnified Pre-Existing Concerns Of Potential Spring Flooding

Camp Clean-Up



February 23rd, 2017:

- Representatives From USACE Met With Protesters To Discuss Priorities Of Cleaning Up The Camps To Their Pre-Protest Condition
- Law Enforcement Officers Proceeded To Move Through The Camp & At 2:09 PM, The Camp Was Declared Clear & Secure

Camp Clean-Up Statistics

NDResponse

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@NDResponse



7 days into cleanup and so far 418,000 pounds of garbage has been removed from #DAPL protest camp. ow.ly/bV9h308Jyaa



2/6/17, 10:44

- \$1.1 Million Clean-Up Cost
- 835 Roll-Off Dumpsters Full Of Trash
- 44 Total Vehicles Abandoned
- 12 Dogs Rescued & Brought To Shelters

DAPL By the Numbers

NDResponse *by the numbers*

A snapshot of resources diverted from normal operations to support state and local response to protest events and related illegal activity in Morton County and the Bismarck/Mandan region since August 10, 2016, ensuring public safety and law and order.



210 days
of response support



\$30 million
personnel



\$4.1 million
travel/lodging/per diem



\$4.1 million
equipment/supplies
(cold weather gear, radios, fuel)



\$38.2 million
total state and local costs to
taxpayers (estimated as of
March 6, 2017)

106

In state agencies
providing support

10

States
providing support¹

34

Out of state agencies
providing support

761

Number of arrests

709

Number of protesters arrested

94%

Arrestees
from out of state

227

Number of arrestees with
prior criminal records²

¹ Alabama, Indiana, Louisiana,
Minnesota, Montana, Nebraska, Ohio,
South Dakota, Wisconsin, Wyoming

² Total of 1,503 previous citations
and charges for illegal activity
(as of March 1, 2017)

Sources: North Dakota Department
of Emergency Services, Morton County
Sheriff's Department

Questions?



THANK YOU

For More Information
www.NDResponse.gov

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