

BEFORE THE
PUBLIC UTILITIES COMMISSION
STATE OF SOUTH DAKOTA

IN THE MATTER OF THE APPLICATION OF DAKOTA ACCESS, LLC FOR AN ENERGY
FACILITY PERMIT TO CONSTRUCT THE DAKOTA ACCESS PIPELINE
DOCKET HP-002

PREFILED TESTIMONY OF DUSTIN HANSEN
ON BEHALF OF THE CITY OF SIOUX FALLS
JULY 2015

1 **Please state your name and business address.**

2 Dustin Hansen, Sioux Falls Regional Landfill, 2670 464th Ave., Hartford, SD 57033

3 **By whom are you employed and in what capacity?**

4 I am employed by the City of Sioux Falls as the Landfill Operations Manager. As part of this
5 responsibility, I manage a City owned project that processes landfill gas originating at the
6 landfill. This project includes a pipeline transporting the landfill gas off-site to a local ethanol
7 plant.

8 **Please describe your educational background and professional experience.**

9 I hold a B.S. in Business Management from Bellevue University and an A.A.S. in Architectural
10 Engineering from Iowa Western. My professional experience consists of working in the pipeline
11 industry with the City of Sioux Falls and the solid waste industry for the City of Sioux Falls and
12 SCS Engineers. As Landfill Operations Manager with the City of Sioux Falls my responsibilities
13 include operation and maintenance, recordkeeping, public awareness, health and safety, and
14 operator qualification of technicians for the LFG pipeline.

15 **Are you a member of any professional organizations related to pipeline matters?**

16 I am the current President of the South Dakota Pipeline Association (SDPA). The SDPA is a
17 collaboration of pipeline operators in the state of South Dakota. SDPA promotes pipeline safety
18 and jointly communicates to local communities in order to achieve the highest levels of safety
19 and emergency preparedness.

20 **On whose behalf was this testimony prepared?**

21 This testimony is prepared on behalf of the City of Sioux Falls.

22 **Please state the purpose of your testimony in this proceeding.**

1 The testimony will identify the current route in relation to the boundaries of the City of Sioux
2 Falls, its landfill and its growth area. It will also address the need for the DAPL pipeline to be
3 installed safely at appropriate depths and locations relative to existing and future Sioux Falls
4 landfill features and fixtures.

5 **Where is the proposed Dakota Access pipeline in relation to the Sioux Falls Landfill?**

6 The pipeline will lie along the west boundary of the Sioux Falls Landfill.

7 **Where is that in relation to the City of Sioux Falls and its growth area?**

8 The landfill is approximately 5 miles west of the Sioux Falls City limits. Attached is Exhibit A
9 showing the proposed Dakota Access pipeline in relation to the landfill, the current City limits
10 and the growth area projected by the City.

11 **Will the Dakota Access pipeline affect the area where waste is deposited?**

12 Our landfill is designed so the landfill cells (excavated areas for deposit of solid waste) are set
13 back about 300 feet east of the west boundary of our property. That is shown in Exhibit B. The
14 cell design and boundaries have been incorporated into the landfill permit granted by the South
15 Dakota Department of Environment and Natural Resources (DENR). We could not be
16 excavating and disposing of waste next to the Dakota Access pipeline.

17 **What other Sioux Falls features and fixtures are near the pipeline?**

18 We have a landfill monitoring well; landfill gas pipeline; shelter belt, and chain link fence all
19 along the west side of the landfill. They are shown in Exhibit B

20 **What measures need to be undertaken to ensure those fixtures are protected?**

21 The Dakota Access contractor would have to follow all applicable safety regulations during
22 installation and operation. In addition, the City has entered into discussions with Dakota Access
23 pipeline whereby Dakota Access would be responsible for locating and avoiding the monitoring

1 well, shelter belt, and landfill gas pipeline during construction. This includes placement of
2 temporary barricades near the monitoring well. They would remove the chain link fence and
3 replace it following completion of construction. They will not be allowed to remove the trees.
4 The easement is not completed yet.

5 **Why is there a monitoring well at this location?**

6 Monitoring wells are placed at various locations on the landfill property for routine testing of
7 groundwater for potential contamination. The well referenced above is located between the
8 landfill and the proposed Dakota Access pipeline. If the routine tests were to show abnormal
9 results attributable to the Dakota Access pipeline, we would be able to notify them and, if
10 necessary, seek corrective action, including payment for additional testing and monitoring.

11 Although we would not expect Dakota Access to resist taking corrective action or undertaking
12 additional testing and monitoring, we would ask the PUC to require that monitoring and
13 corrective action be taken if this monitoring well shows that leaks were occurring. We also ask
14 that Dakota Access be required to notify the City if a leak were to occur nearby or upgradient so
15 that the City could increase testing at its monitoring well as necessary.

16 **Will the Dakota Access pipeline intersect with City's landfill gas pipeline?**

17 Yes, the proposed pipe will cross the City's landfill gas pipeline at one location on the south side
18 of 268th Street. It is my understanding the Dakota Access pipeline will be installed at least two
19 feet under the City's landfill gas pipeline at the proposed intersection. Although Dakota Access
20 has informally committed to the two feet of clearance, we would ask the PUC to require it as
21 well.

22 **How deep should the Dakota Access pipeline be installed from the surface?**

1 The minimum depth required by the federal Pipeline Hazardous Materials Safety Administration
2 (PHMSA) is three feet. However, Dakota Access should generally install the pipeline four feet
3 from the surface, except it should be installed deeper in certain locations. For example, it will
4 need to be deeper to accommodate the City's landfill gas pipeline and maintain the clearance
5 stated above. It will also need to be deeper in areas where we will need to move equipment west
6 on top of the pipeline area. There will be three of these crossing areas where the pipeline will
7 need to be deeper so heavy trucks can cross above the pipeline. Although Dakota Access has
8 informally committed to the additional depth in those areas, we would ask the PUC to require
9 Dakota Access to construct deep enough to allow for the heavy truck crossings.

10 **Have you met with Dakota Access to address those issues?**

11 Yes, we have conveyed those comments to Dakota Access and they have informed the City they
12 would comply with those measures.

13 **Does the City have any objection to the location of the Dakota Access pipeline near the**
14 **landfill?**

15 The City of Sioux Falls has no objection to the siting of the DAPL pipeline along the west side
16 of the Sioux Falls Regional Sanitary Landfill, as presently proposed, so long as the DAPL
17 pipeline is installed safely at appropriate depths and locations relative to existing and future
18 Sioux Falls landfill features and fixtures, and does not damage the City landfill property and,
19 further, the Dakota Access pipeline is permitted under PHMSA and other applicable permitting
20 requirements.

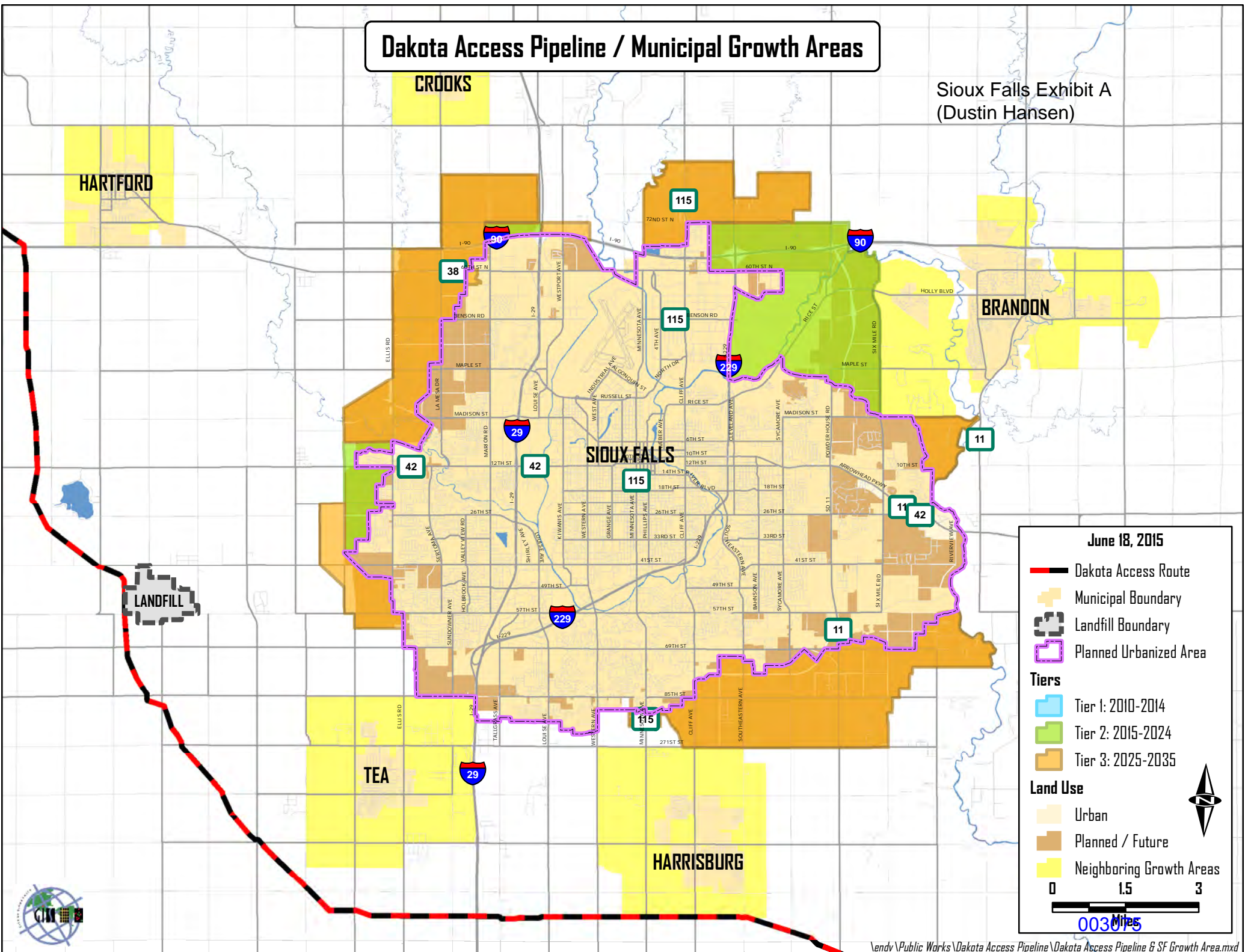
21 **Do you have anything else to add to this testimony?**

22 No.

23

Dakota Access Pipeline / Municipal Growth Areas

Sioux Falls Exhibit A
(Dustin Hansen)



June 18, 2015

- Dakota Access Route
- Municipal Boundary
- Landfill Boundary
- Planned Urbanized Area

Tiers

- Tier 1: 2010-2014
- Tier 2: 2015-2024
- Tier 3: 2025-2035

Land Use

- Urban
- Planned / Future
- Neighboring Growth Areas

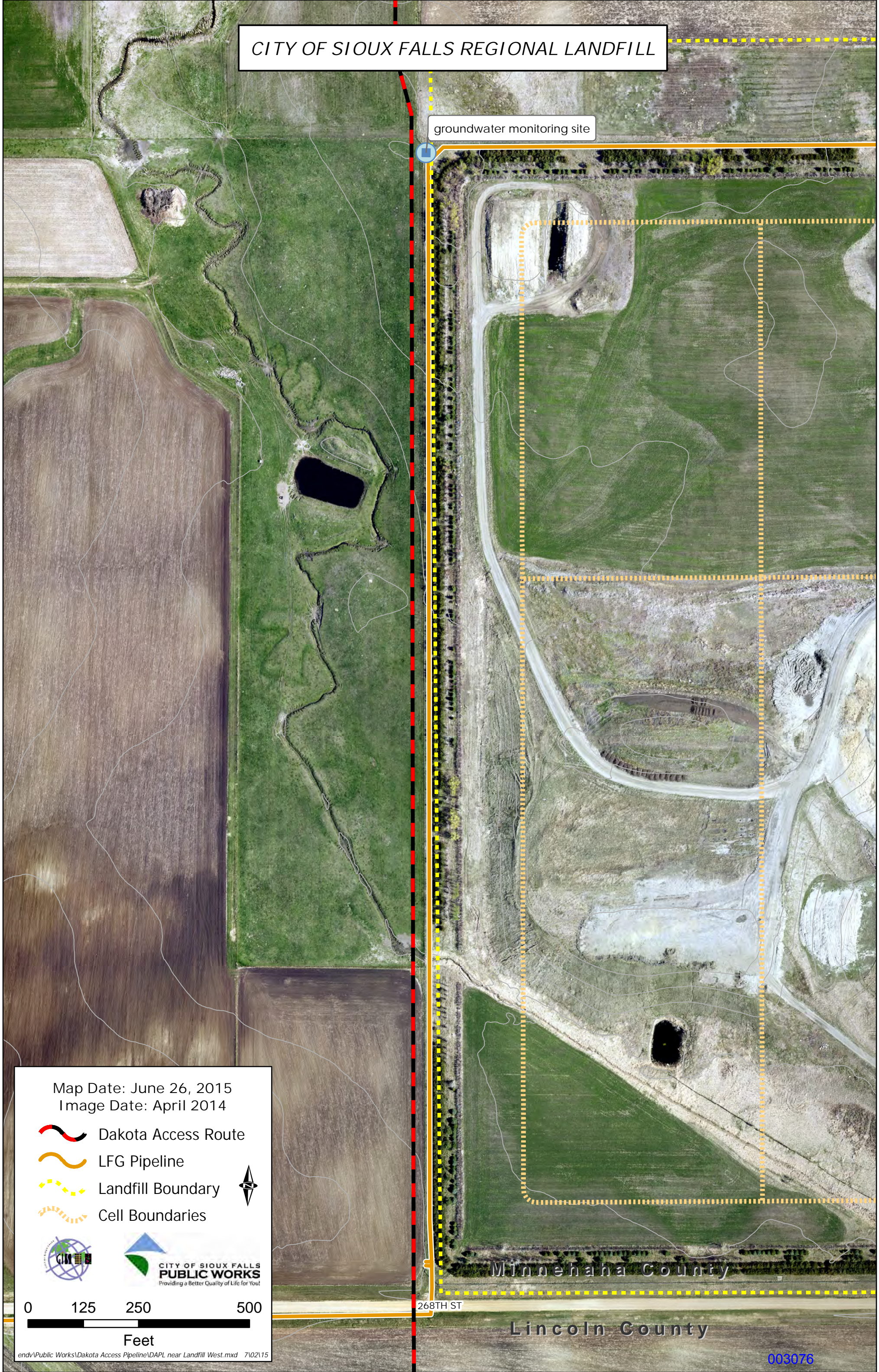
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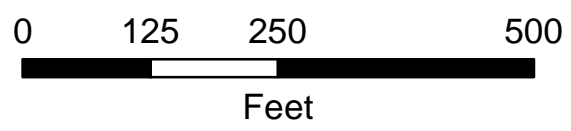
CITY OF SIOUX FALLS REGIONAL LANDFILL

groundwater monitoring site



Map Date: June 26, 2015
Image Date: April 2014

- Dakota Access Route
- LFG Pipeline
- Landfill Boundary
- Cell Boundaries



268TH ST

Minnehaha County

Lincoln County

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA

IN THE MATTER OF THE)
APPLICATION OF DAKOTA) HP14-002
ACCESS, LLC FOR AN ENERGY)
FACILITY PERMIT TO CONSTRUCT) CERTIFICATE OF SERVICE
THE DAKOTA ACCESS PIPELINE)
)

Diane Best, Assistant City Attorney for the City of Sioux Falls, hereby certifies that on this 6th day of July 2015, she filed the *Prefiled Direct Testimony of Dustin Hansen (with Exhibits A and B)* in the above entitled matter and served a true and correct copy on each of the following parties via First Class Mail,

Mr. Orrin E. Geide
46134 263rd St.
Hartford, SD 57033

Delores Andreessen Assid
c/o Laurie Kunzelman
3604 E. Woodsedge St.
Sioux Falls, SD 57108

Mr. John Stratmeyer
46534 272nd St.
Tea, SD 57064
(605) 261-5572 - voice

And that she served a true and correct copy on each of the following parties via email:

Ms. Patricia Van Gerpen
Executive Director
South Dakota Public Utilities Commission
500 E. Capitol Ave.
Pierre, SD 57501
patty.vangerpen@state.sd.us

Ms. Kristen Edwards
Staff Attorney
South Dakota Public Utilities Commission
500 E. Capitol Ave.
Pierre, SD 57501
Kristen.edwards@state.sd.us

Mr. Brian Rounds
Staff Analyst
South Dakota Public Utilities Commission
500 E. Capitol Ave.
Pierre, SD 57501
brian.rounds@state.sd.us

Mr. Darren Kearney
Staff Analyst
South Dakota Public Utilities Commission
500 E. Capitol Ave.
Pierre, SD 57501
darren.kearney@state.sd.us
(605) 773-3201 - voice

Mr. Brett Koenecke - representing Dakota Access, LLC
May, Adam, Gerdes and Thompson, LLP
PO Box 160
Pierre, SD 57501
Brett@mayadam.net

Ms. Kara Semmler - representing Dakota Access, LLC
May, Adam, Gerdes and Thompson, LLP
PO Box 160
Pierre, SD 57501
kcs@magt.com

Mr. Tom Siguaw
Senior Project Director - Engineering
Dakota Access, LLC
1300 Main Street
Houston, TX 77002
tom.siguaw@energytransfer.com

Mr. Keegan Pieper
Associate General Counsel
Dakota Access, LLC
1300 Main Street
Houston, TX 77002
keegan.pieper@energytransfer.com

Mr. Stephen Veatch
Senior Director - Certificates
Dakota Access, LLC
1300 Main Street
Houston, TX 77002
Stephen.veatch@energytransfer.com

Mr. Joey Mahmoud
Senior Vice President - Engineering
Dakota Access, LLC
1300 Main Street
Houston, TX 77002
Joey.mahmoud@energytransfer.com

Mr. Jack Edwards
Project Manager
Dakota Access, LLC
4401 S. Technology Dr.
South Suite
Sioux Falls, SD 57106
Jack.edwards@energytransfer.com

Ms. Jennifer Guthmiller
McPherson County Auditor
PO Box 390
Leola, SD 57456
mcpersonaud@valleytel.net

Mr. Keith Schurr
Edmunds County Auditor
PO Box 97
Ipswich, SD 57451
Keith.schurr@state.sd.us

Ms. Kelly Toennies
Faulk County Auditor
PO Box 309
Faulkton, SD 57438
Kelly.toennies@state.sd.us

Ms. Theresa Hodges
Spink County Auditor
210 E. Seventh Ave.
Redfield, SD 57469
spinkcoauditor@nrctv.com

Ms. Jill Hanson
Beadle County Auditor
Suite #201
450 Third St. SW
Huron, SD 57350
auditor@beadlesd.org

Ms. Jennifer Albrecht
Kingsbury County Auditor
PO Box 196
DeSmet, SD 57231
Jennifer.albrecht@state.sd.us

Ms. Susan Connor
Miner County Auditor
PO Box 86
Howard, SD 57349
minerauditor@minercountysd.org

Ms. Roberta Janke
Lake County Auditor
200 E. Center St.
Madison, SD 57042
lakeauditor@lakecountysd.com

Ms. Geralyn Sherman
McCook County Auditor
PO Box 190
Salem, SD 57058
Geralyn.sherman@state.sd.us

Mr. Bob Litz
Minnehaha County Auditor
415 N. Dakota Ave.
Sioux Falls, SD 57104
blitz@minnehahacounty.org

Ms. Sheila Hagemann
Turner County Auditor
PO Box 370
Parker, SD 57053
turcoaud@iw.net

Ms. Marlene Sweeter
Lincoln County Auditor
104 N. Main St.
Canton, SD 57013
auditor@lincolncountysd.org

Ms. Lisa Schaeffbauer
Campbell County Auditor
PO Box 37
Mound City, SD 57646
campbellcommission@yahoo.com

Ms. Karla Engle
Special Assistant Attorney General
South Dakota Department of Transportation
700 E. Broadway Ave.
Pierre, SD 57501-2586
karla.engle@state.sd.us

Mr. Scott Pedersen
Chairman
Lake County
200 E. Center St.
Madison, SD 57042
lakegovt@lakecountysd.com

Mr. Chris S. Giles
Lake County States Attorney
200 E. Center St.
Madison, SD 57042
Chris.Giles@lakecountysd.com

Mr. Steve Harper
General Manager
WEB Water Development Association, Inc.
PO Box 51
Aberdeen, SD 57402
sharper@webwater.org

Mr. Randy Kuehn
17940 389th Ave.
Redfield, SD 57469
rlkfarms@gmail.com

Mr. Jim Schmidt
Chairman
Lincoln County Board of Commissioners
104 N. Main, Ste. 110
Canton, SD 57013-1703
Auditor@lincolncountysd.org

Mr. Michael F. Nadolski - Representing Lincoln County Board of Commissioners
Lincoln County State's Attorney
Ste. 200
104 N. Main
Canton, SD 57077
mnadolski@lincolncountysd.org

Mr. Bret Merkle - Representing Pente Farms, LLC; KKKP Property, LLLP; Pederson Ag, LLC;
Calvin Schreiber; DLK&M, LLC; Jean Osthus; and Daniel & Marcia Hoiland
Merkle Law Firm
PO Box 90708
Sioux Falls, SD 57109-0708
bret@merklelaw.com

Ms. Cindy Heiberger
Commission Chairman
Minnehaha County
415 N. Dakota Ave.
Sioux Falls, SD 57104
cjepsen@minnehahacounty.org

Mr. Kersten Kappmeyer
Attorney
Minnehaha County
415 N. Dakota Ave.
Sioux Falls, SD 57104
kkappmeyer@minnehahacounty.org

Mr. Glenn J. Boomsma - Representing: Peggy A. Hoogestraat, Kevin J. Schoffelman, Linda
Goulet, Corlis Wiebers, Mavis Parry, Shirley Oltmanns, Janice E. Petterson, Marilyn Murray,
Delores Andreessen Assid, Joy Hohn, and Orrin E. Geide
Breit Law Office, P.C.
606 E. Tan Tara Circle
Sioux Falls, SD 57108
glenn@breitlawpc.com

Ms. Peggy A. Hoogestraat
27575 462nd Ave.
Chancellor, SD 57015
gardengalpeggy@gmail.com

Ms. Joy A. Hohn
46178 263rd St.
Hartford, SD 57033
rjnchohn@gmail.com

Ms. Marilyn J. Murray
1416 S. Larkspur Trl.
Sioux Falls, SD 57106
murrayma1@sio.midco.net

Mr. Larry A. Nelson - Representing: City of Hartford
Frieberg, Nelson and Ask, L.L.P.
PO Box 38
Canton, SD 57013
lnelson@frieberglaw.com

Ms. Teresa Sidel
City Administrator
City of Hartford
125 N. Main Ave.
Hartford, SD 57033
cityhall@hartfordsd.us

Ms. Linda Glaeser
Manager
Rocky Acres Land Investment, LLC
27324 91st Ave. E.
Graham, WA 98338
lglaeser@seattlecca.org
lmglaeser@wwdb.org

Ms. Linda Goulet
27332 Atkins Pl.
Tea, SD 57064
45Lgoulet@gmail.com

Mr. Dale E. Sorenson
Dale E. Sorenson Life Estate
45064 241st St.
Madison, SD 57042
a77man@msn.com

Ms. Kimberly Craven - Representing Dakota Rural Action and Indigenous Environmental
Network (IEN)
3560 Catalpa Way
Boulder, CO 80304
kimecraven@gmail.com

Ms. Sabrina King
Community Organizer
Dakota Rural Action
518 Sixth Street, #6
Rapid City, SD 57701
sabrina@dakotarural.org

Mr. Frank James
Staff Director
Dakota Rural Action
PO Box 549
Brookings, SD 57006
fejames@dakotarural.org

Ms. Debra K., Mr. Duane H. & Mr. Dennis S. Sorenson
24095 451st Ave.
Madison, SD 57042
stubbyfarmer@yahoo.com

Mr. Douglas Sorenson
24095 451st Ave.
Madison, SD 57042
plowboy@svtv.com

Mr. William Haugen
Haugen Investments LP
PO Box 545
Hartford, SD 57033
wh401889@hotmail.com

Mr. Phillip Fett
PO Box 572
Lennox, SD 57039
vonfett529@gmail.com

Ms. Shirley M. Oltmanns
26576 466th Ave.
Sioux Falls, SD 57106
ssoltm@gmail.com

Mr. Bradley F. Williams
1044 Overlook Rd.
Mendota Heights, MN 55118
bwilliams@bestlaw.com

Mr. Craig L. & Ms. Dotta-Jo A. Walker
733 NE 15th St.
Madison, SD 57042
court_walker@hotmail.com

Mr. Kevin J. Schoffelman
712 W. Fourth Ave.
Lennox, SD 57039
klschoff@outlook.com

Mr. Charles J. Johnson
45169 243rd St.
Madison, SD 57042
c-bjohnson@svtv.com

Ms. Janice E. Petterson
6401 S. Lyncrest Ave., Apt. 307
Sioux Falls, SD 57108
grmjanp@sio.midco.net

Ms. Corliss F. Wiebers
607 S. Elm St.
PO Box 256
Lennox, SD 57039
wiebersco@gmail.com

Mr. Paul A Nelsen
46248 W. Shore Pl.
Hartford, SD 57033
paul@paulnelsonconstruction.com

Mr. Paul F. Seamans
27893 244th St.
Draper, SD 57531
jacknife@goldenwest.net

Mr. John Wellnitz
305 A St.
Osceola, SD 57353
johnwellnitz@gmail.com

Mr. Lorin L. Brass
46652 278th St.
Lennox, SD 57039
brass@iw.net

Mr. Tom Goldtooth
Executive Director
Indigenous Environmental Network
ien@igc.org

Mr. Dallas Goldtooth
Community Organizer
Indigenous Environmental Network
goldtoothdallas@gmail.com

Mr. Matthew L. Rappold - Representing: RST-Sicangu Oyate Land Office
and RST- Sicangu Lakota Treaty Office
Rappold Law Office
816 Sixth St.
PO Box 873
Rapid City, SD 57709
Matt.rappold01@gmail.com

Ms. Paula Antoine
RST-Sicangu Oyate Land Office
PO Box 658
Rosebud, SD 57570
wopila@gwtc.net

Mr. Royal Yellow Hawk
RST- Sicangu Lakota Treaty Office
PO Box 430
Rosebud, SD 57570
yellowhawkroyal@yahoo.com

Ms. Thomasina Real Bird - Representing - Yankton Sioux Tribe
Attorney
Fredericks Peebles & Morgan LLP
1900 Plaza Dr.
Louisville, CO 80027
trealbird@ndnlaw.com

Ms. Mavis A. Parry
3 Mission Mtn. Rd.
Clancy, MT 59634
mavisparry@hotmail.com

Ms. Margo D. Northrup - Representing: South Dakota Association of Rural Water Systems, Inc.
Attorney
Riter, Rogers, Wattier & Northrup LLP
PO Box 280
Pierre, SD 57501-0280
m.northrup@riterlaw.com

SIOUX FALLS CITY ATTORNEY:



Diane Best
Assistant City Attorney
224 W. Ninth St.
Sioux Falls, SD 57104
(605) 367-8880
dbest@siouxfalls.org