

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.

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