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Attorney for Protestants

BEFORE THE ENVIRONMENTAL QUALITY COUNCIL  
OF THE STATE OF WYOMING

IN THE MATTER OF:	)	
MEDICINE BOW FUEL & POWER, LLC)	)	AFFIDAVIT OF
AIR PERMIT CT-5873	)	JASON A. LILLEGRAVEN
	)	

1. My name is Jason A. Lillegraven. I currently live at 2443 Overland Road, Laramie, Wyoming. My home is 52 miles southeast of the proposed Medicine Bow coal-to-liquids facility. I am an Arts & Sciences Distinguished Emeritus Professor from two departments of The University of Wyoming: the Department of Geology and Geophysics and the Department of Zoology and Physiology.

2. I have been an active member of the Sierra Club for 52 years. I attend meetings at the local chapter regularly, and I often read though the Sierra Club web page and respond to action alerts. I am concerned about the proposed coal-to-liquid facility south of Medicine Bow.

3. I moved to Laramie in 1975. My house is located at the edge of town, and the first thing I do each day when I fetch my morning newspaper is enjoy the view of the Snowy Range. During this time of year, the mountains are totally snow-covered, and the air is crystal clear. I check the relative clarity of that air every morning. It is normally very good. However, some days Denver's air makes it into the Laramie Basin and I cannot even see the mountains. I believe that air emissions from the proposed power plant will adversely impact visibility in the area and will diminish my ability to view the beautiful scenery from my home.

4. I understand that the plant would emit large amounts of harmful pollutants, including particulate matter. I am concerned that emissions would harm air quality, visibility, and water quality in my community. I am also concerned that the proposed power plant's emissions will adversely affect my health and the health of my community members. I am aware that these pollutants are linked to heart disease, respiratory

illnesses such as asthma, and lung cancers. I also understand that these air pollutants contribute to ozone pollution, which can cause lung damage. I was asthmatic as a child and young adult. I have not had an asthma attack recently, but I am concerned that the proposed coal-to-liquids plant could flare-up this pre-existing condition.

5. I am retired, but I am still actively engaged in research and I spend approximately five months each year doing fieldwork in the general area of the proposed plant site. I am preparing geologic maps of the eastern Hanna Basin and most of the Carbon Basin. I work in that area and in a roughly 25-mile radius around it. I spend so much time out there, I almost consider myself part of the landscape.

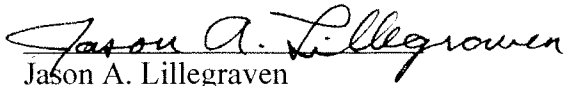
6. I take great enjoyment in the huge, open, and sweeping landscape surrounding the proposed plant site. The area near the plant is open grazing land and is a semi-arid, steppe grassland. There are very few trees. It is located to the east of the Simpson Ridge anticline, which is a huge geological structure that towers over the landscape and runs north and south. The construction of the liquid coal facility would blight this open space and would harm my enjoyment of the area. I am sad that the open space I love most about this state may be lost in this part of south-central Wyoming.

7. On Simpson Ridge, there is a resident herd of about 200 elk. I regularly camp to the west of the ridge, and I enjoy viewing parts of the herd with binoculars from my camp. The Medicine Bow plant will affect wildlife corridors, and would displace or harm the herd and prevent my enjoyment of wildlife viewing.

8. I am also very concerned about how the plant's carbon dioxide emissions will contribute to global climate change and I believe that the plant's air permit should impose controls and limits on carbon dioxide emissions. As a paleontologist, I am very familiar with global extremes and how the extremes have changed over geologic time. I am also very familiar with the local biota, and take great enjoyment in viewing it. Climate change will harm plant and wildlife in the area, and harm my viewing enjoyment.

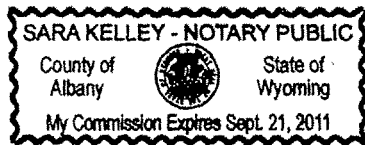
I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge, information and belief.

Executed at UniWyo FCU, this 22 day of May, 2009

  
Jason A. Lillegraven

STATE OF WYOMING )  
 )  
COUNTY OF Albany )

This instrument was signed and sworn to before me on May 22, 2009  
by Jason A. Lillegraven.



*Sara Kelley*  
Notary Public

My appointment expires: Sept 21, 2011