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BEFORE THE ENVIRONMENTAL QUALITY COUNCIL STATE OF WYOMING

IN RE BROOK MINE APPLICATION)	DOCKET 17-4801	
TFN 6 2-025)	DOCKET 17-4001	

DESIGNATION OF EXPERT WITESSES

The Powder River Basin Resource Council hereby designates the following expert witnesses who will appear in the above-captioned proceedings, if time allows for them to testify. A full witness list and exhibits will be provided pursuant to the scheduling order on February 10, 2017.

1. Gennaro G. Marino Ph.D., P.E., D.GE

Dr. Marino will present testimony on the subsidence risk presented by the mine and reclamation plan and will identify deficiencies in the permit application related to subsidence. A copy of Dr. Marino's report is attached to the Resource Council's objections. Dr. Marino will present the opinions discussed in the report and other opinions related to subsidence he has drawn from reviewing the permit application.

Dr. Marino is the President of Marino Engineering Associates, Inc. with an office at 1370 McCausland Ave, St. Louis, MO 63117. Dr. Marino is a registered Professional Engineer in Wyoming. Dr. Marino's bio and list of professional qualifications is available at http://www.meacorporation.com/leadership.php. This information states, in part, that Dr. Marino

has given expert testimony on numerous occasions within his range of engineering experience.

Also during the course of his career he has authored over 90 articles and research publications on advanced engineering projects and authored a textbook: Earthquake Damage: Inspection,

Evaluation and Repair.

Dr. Marino will be compensated by the Resource Council for his time and travel expenses.

Dr. Marino will be available to testify in person at the hearing. Given his out of state travel and the accommodations to his schedule he is making to be available in person, we ask that the EQC accommodate him and allocate time during the hearing for him to testify in person while he is present in Cheyenne.

2. Mickel Wireman M.S., P.G.

Mr. Wireman will provide opinions related to the hydrology objections raised by the Resource Council, including the sufficiency of the water monitoring plan, impacts to the hydrologic balance within and outside the permit area, and impacts to alluvium and alluvial valley floors. He has not prepared an expert report and will base his opinions on his review of the permit application.

Mr. Wireman is the President of Granite Ridge Groundwater, LLC in Boulder, Colorado, and he is a former hydrogeologist and National Groundwater Expert with the Environmental Protection Agency's Region VIII Office in Denver. A copy of his *curriculum vitae* is attached.

Mr. Wireman has let his Wyoming geologist registration lapse, but he will be associating with a registered Wyoming geologist for the purposes of his testimony.

Mr. Wireman will be compensated by the Resource Council for his time.

Mr. Wireman will be available to testify in person at the hearing in Cheyenne.

3. Stu Levit, M.S.

Mr. Levit will present testimony on the inadequacies in the reclamation bond amount.

Mr. Levit does not have an expert report; however, his opinions related to the reclamation bond

amount were incorporated into the Resource Council's objections.

Mr. Levit is an employee of Center for Science in Public Participation with an office at

224 North Church Avenue, Bozeman, MT 59715. Mr. Levit formerly worked for the Montana

Department of State Lands, Abandoned Mine Reclamation Bureau as a Land Reclamation

Specialist, where he designed mine reclamation project plans. Mr. Levit's professional

qualifications are available for review at http://www.csp2.org/expertise.

Mr. Levit is available to testify on February 13th via video conference, but he is

unavailable to testify on February 14th. Please contact us so we can arrange the video conference

logistics for Mr. Levit in advance of the hearing.

Dated this 6th day of February, 2017.

/s/ Shannon Anderson

Shannon Anderson

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CERTIFICATE OF SERVICE

I hereby certify that on February 6, 2017, I served a copy of the foregoing **DESIGNATION OF EXPERT WITESSES** on the following parties by electronic mail, and through the EQC's electronic filing system, which will send a notice of electronic filing to all counsel and parties of record.

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<u>/s/Shannon Anderson</u> Shannon Anderson