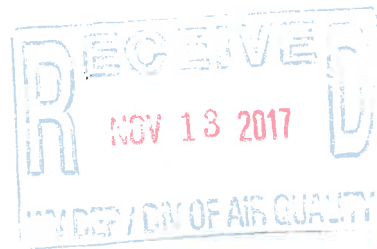


Morgantown Energy Associates
555 Beechurst Avenue
Morgantown, West Virginia 26505
304.284.2500 PHONE
304.284.2509 FAX



Email Submittal: DEPAirQualityReports@wv.gov

November 8, 2017

Mr. William F. Durham
Director, Division of Air Quality
WV Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304-2345

**Re: Morgantown Energy Associates
Morgantown Energy Facility ("Morgantown Energy") – Morgantown, WV
Plant ID No. 061-00027
Seeking Approval to Amendment to Permit Determination No. PD17-055**

Dear Mr. Durham:

This letter has been prepared in accordance with the telephone conference call conducted on October 31, 2017, among Messrs. Josh Manley, John Shimshock (Morgantown Energy representatives), and Edward Andrews, P.E. (West Virginia Department of Environmental Protection assigned Engineer for the subject permit determination). Morgantown Energy is grateful for the Department's efforts and approval in this matter. Morgantown Energy is seeking with this correspondence the Department's concurrence that the subject permit determination is also applicable for blending of coarse limestone and coal refuse in its existing fuel loading station at the plant.

As noted in the excerpt below from the Department's determination dated September 18, 2017, Morgantown Energy gained approval to receive premixed coarse limestone blended in coal refuse.

"It has been determined that a permit will not be required under 45 CSR 13 for the proposed utilize fuel that contains up to 10 percent coarse limestone blended in the coal refuse at the Morgantown Energy Facility."

Morgantown Energy's submittal for the subject permit determination noted that the fuel supplier would blend the usual coal refuse with coarse limestone (up to 10 percent by weight), and the blended fuel would be delivered to the station per the current practice.

Subsequent to receipt of the Department's determination, Morgantown Energy needs to add the option to perform the blending of the coal refuse with coarse limestone on-site utilizing the existing fuel receiving equipment and associated emission control devices. No new construction

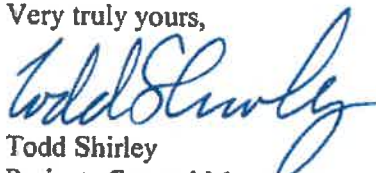
activities are required for the on-site blending operation. Details in support of this request are provided below.

As noted in the Title V operating permit (No. R30-06100027-2014 (MM01)), the current fuel receiving area includes two separate unloading hoppers; each hopper is equipped with a vibratory feeder. Materials from the two vibratory feeders are routed to a common transfer conveyor, and then to one of two fuel storage silos. The on-site blending of the coal refuse with coarse limestone will be accomplished primarily by unloading the coal refuse and coarse limestone separately into the designated receiving hopper at a target rate of approximately one truck-load of coarse limestone for every 10 truck-loads of coal refuse. The operational rates of the vibratory feeders are adjustable; blending of the coal refuse with up to 10 percent coarse limestone on the common transfer conveyor is feasible. During initial testing Morgantown Energy expects that one of the two fuel storage silos will store the blended fuel, while the other fuel storage silo will store coal refuse with no coarse limestone added. This will provide the plant with the opportunity to further adjust the % blend of coarse limestone during the fuel crushing and drying process.

Fugitive dust emissions from the unloading hoppers are controlled with a building enclosure. There are enclosures around the vibratory feeders, common transfer conveyor and weigh belt conveyors. These emissions control devices are similar to those utilized for the existing pulverized limestone handling system. Because the coarse limestone contains far fewer fines as compared with the pulverized limestone (please see below), Morgantown Energy submits that the existing emissions control devices at the fuel receiving area are sufficient to minimize and maintain at existing levels the fugitive dust emissions from the unloading and handling of coarse limestone.

Morgantown Energy is again grateful for the Department's efforts in support of the subject permit determination, and we are hopeful that the Department will concur with us that the subject permit determination is also applicable for the on-site blending operation. If you have any questions or concerns regarding this submittal, please contact Mr. Daryl Miller, Plant Manager at (304) 284-2500 or me at (704) 815-8022.

Very truly yours,



Todd Shirley
Projects General Manager

ASTM: U.S. Sieve Number	Particle Size	Tyler Screen Scale Equivalent	Sieve Opening Millimeters	Sieve Opening Inches	International Standard Organization Millimeters
3	●	3 1/2	5.000	0.224	5.0
4	●	4	4.750	0.187	4.75
5	●	5	4.000	0.157	4.0
6	●	6	3.360	0.132	3.36
8	●	8	2.800	0.110	2.80
10	●	10	2.000	0.0787	2.00
12	●	12	1.680	0.0661	1.68
14	●	14	1.410	0.0555	1.41
16	●	16	1.190	0.0471	1.19
18	●	18	1.000	0.0394	1.00
20	●	20	0.850	0.0331	0.85
25	●	24	0.750	0.0295	0.75
30	●	28	0.600	0.0236	0.60
35	●	32	0.500	0.0197	0.50
40	●	35	0.425	0.0169	0.425
45	●	42	0.375	0.0148	0.375
50	●	48	0.297	0.0117	0.297
60	●	60	0.250	0.0098	0.250
70	●	65	0.210	0.0083	0.210
80	●	80	0.175	0.0069	0.175
100	●	100	0.150	0.0059	0.150
120	●	115	0.125	0.0049	0.125
140	●	150	0.105	0.0041	0.105
170	●	170	0.088	0.0035	0.088
200	●	200	0.075	0.0029	0.075
250	●	250	0.062	0.0024	0.062
270	●	270	0.053	0.0021	0.053
325	●	325	0.043	0.0017	0.043
400	●	400	0.037	0.0015	0.037

45 – 80% passing range for coarse limestone

35 – 65% passing range for pulverized limestone