

Paronish, Chadwick

From: Paronish, Chadwick
Sent: Friday, May 18, 2018 4:01 PM
To: 'MMcclure@specialtygranules.com'; Kevin Moore
Cc: Sammarco, Daniel; Martin, Rock; Thomas, David D.; Nalisnick, Thomas; Welte, Daniel; Berra, Laura; Robert M. Shusko (rmshusko@dappolonia.com) (rmshusko@dappolonia.com)
Subject: SMP No. 01180301- Northern Tract Quarry- Second Review Letter
Attachments: 01180301 Northern Tract Quarry 2nd Review Letter.pdf

Tracking:	Recipient	Delivery
	'MMcclure@specialtygranules.com'	
	Kevin Moore	
	Sammarco, Daniel	Delivered: 5/18/2018 4:01 PM
	Martin, Rock	Delivered: 5/18/2018 4:01 PM
	Thomas, David D.	Delivered: 5/18/2018 4:01 PM
	Nalisnick, Thomas	Delivered: 5/18/2018 4:01 PM
	Welte, Daniel	Delivered: 5/18/2018 4:01 PM
	Berra, Laura	
	Robert M. Shusko (rmshusko@dappolonia.com) (rmshusko@dappolonia.com)	

Matt,

Attached is the second review letter for the Northern Tract Quarry permit application. This letter is being submitted via email only and will not be followed up by a hardcopy. If you have any questions please call me at the number below or reply to this email.

Sincerely,

Chad Paronish | Geologic Specialist
Department of Environmental Protection | Cambria District Mining Office
286 Industrial Park Rd | Ebensburg, PA 15931
Phone: 814.472.1922 | Fax: 814.472.1898
chaparonis@pa.gov
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“VIA EMAIL”

May 18, 2018

Specialty Granules, LLC
Matthew McClure, Director EHS and Mine Permitting
1455 Old Waynesboro Road
Blue Ridge Summit, PA 17214

Re: Specialty Granules, LLC
“Northern Tract Quarry”
Permit No.: 01180301
Township: Hamiltonban
County: Adams

Dear Mr. McClure:

The Department of Environmental Protection (DEP) has reviewed the corrections received April 17, 2018 for the above-referenced application and has identified the following technical deficiencies. The deficiencies are based on applicable laws and regulations, and the guidance sets forth the Department’s preferred means of satisfying the applicable regulatory requirements. This letter is being sent via email only and a hard copy will not follow.

MODULE 1

1. Section C. Site Information: Revise the acres shown in the mining area to only include the rock/mineral removal shown within the proposed Northern Tract Quarry permit area. Currently, the permit application is showing a total of 66.3 acres of mining however, a review of the mining area shown within the proposed Northern Tract Permit Area is approximately 62 acres. As indicated in your response letter dated April 17, 2018, the permittee will complete a permit revision to expand the rock/mineral removal area of the Pitts Quarry to include the mining area shown outside of the proposed Northern Tract Quarry. Also, see Module 10 comment number 1. (77.452)
2. Section H. Additional Related Information: Provide the proof of publication when received. (77.121)

MODULE 8

1. Module 8.3 Groundwater Information: Clarify how the average pump flow of 640 gpm that was used to calculate the pumping volumes was determined for Pitts Quarry. Also, explain the criteria used in determining the outlier pump flow data and the interval that the pump flow rate is recorded when pumping. Currently, the pump flow records range anywhere from one-minute to as much as six-hour intervals. (77.403(b)) (77.532)

MODULE 10

1. Module 10- Bond Calculation Summary-Noncoal Consolidated: As per Module 1 comment number 1, revise the bond calculation summary to reflect the mining and support area shown within the proposed Northern Tract Quarry permit area. (77.452) (77.193(b)) (77.202)

MODULE 13

1. Module 13.3 Dams and Impoundments: Since the operator has decided to design the sediment pond for a 100-year, 24-hour storm event, the operator must design the Peak Discharge and the Emergency Spillway Capacity on the Pond Certification sheet and in the pond design calculations for Sediment Ponds NT No 1 & 2 for the 100-year, 24-hour storm event. Presently, the Pond Certification sheets and design calculations do not provide this information. It should be noted the operator can discharge from these ponds since Specialty Granules, LLC submitted an Anti-Degradation Supplement for Mining Permits and their Social or Economic Justification (SEJ) was approved. (77.527) (77.531) & (Technical Guidance #563-0300-101) (Technical Guidance #363-2134-008)

MODULE 14

1. Module 14.3 Wetland Impact Analysis/Assessment (d)(2): Revise the response found in paragraph two to remove the following statement, "This conclusion is supported by the model simulation of the proposed ultimate pit floor elevation where the reduction in baseflow contribution (loss) compared to total flow (runoff and baseflow) was calculated to be on the order of only 0.2% to 1.2%". The percentages of 0.2% to 1.2% are no longer supported with the removal of Table 10- Total Stream and Wetland Losses from the Groundwater Model Report.

You must submit a response fully addressing each of the technical deficiencies set forth above within thirty (30) business days or DEP may deny the application.

If you believe that any of the stated deficiencies are not significant, instead of submitting a response to that deficiency, you have the option of asking DEP to make a decision based on the information with regard to the subject matter of that deficiency that you have already made available. If you choose this option with regard to any deficiency, you should explain and justify how your current submission satisfies that deficiency. Please keep in mind that if you fail to respond, your application may be denied.

If you have any questions, please contact me at 814.472.1900.

Sincerely,



Chad Paronish
Geologic Specialist
Bureau of District Mining Operations

cc: Daniel Sammarco, P.E., District Mining Manager - via email
Rock Martin, P.G., Chief, Technical Services Section - via email
Dave Thomas, Mine Inspector Supervisor - via email
Thomas A. Nalisnick, P.E., Mining Engineer - via email
Dan Welte, Mine Conservation Inspector - via email
Robert M. Shusko, P.E., D'Appolonia- via email
Laura Berra, P.E., Skelly and Loy -via email
Kevin Moore, Specialty Granules, LLC- via email
File

CP/hc