

From: Michalets, Linda M - DNR
Sent: Friday, May 10, 2019 1:55 PM
To: 'Stephen Meer, P.E.'
Subject: RE: former Biogenesis - PECFA #53154-1437-10-C - additional excavation costs approval request

Hi Steve,

Thank you for the explanation for the soil overage. I am approving the additional \$3,165.52 requested with this email, and have added the additional funding to our PECFA Tracker database (snip of database entries below). This approval is appropriate as there were no changes to the SOW or cost rates, but rather the original calculation of soil tonnage was off due to the high moisture content in the excavated soil. (Rain has occurred on 7 of the first 9 days of May.) I will also track this approval in BRRTS. When requesting PECFA reimbursement of these costs, please include this email with the claim to document the request and my approval.



The screenshot shows a software interface for tracking PECFA (Petroleum Excavation Cost Fund Allocation) data. At the top, it displays 'Site Data' for 'Biogenesis USA, Inc.' at '610 W. Rossman Ave', 'Oak Creek'. Below this is a table of occurrences, with one entry for 'Biogenesis USA, Inc. (South)' having a 'Total Approved Amt' of \$3,165.52. The main part of the screenshot is a 'Site Review' table with the following data:

Submittal Type	Received Date	Reviewed Date	Reviewer	Status	Total Approved Amt	Sub Type
SD	05/06/2018	05/15/2018	LMM	Approve	\$3,165.52	Deferred
SD	03/26/2018	03/26/2018	LMM	Approve	\$58,675.12	Deferred
SD	01/13/2018	01/16/2018	LMM	Approve	\$4,312.87	Deferred
SD	06/13/2018	06/28/2018	LMM	Approve	\$1,766.33	Deferred

Thank you for moving this project forward towards closure.
Linda

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Linda Michalets

Phone: (414) 263-8757

Linda.Michalets@wisconsin.gov

From: Stephen Meer, P.E. <smeer@thesigmagroup.com>

Sent: Friday, May 10, 2019 10:45 AM

To: Michalets, Linda M - DNR <Linda.Michalets@wisconsin.gov>

Subject: former Biogenesis - PECFA #53154-1437-10-C - additional excavation costs approval request

Good morning, Linda:

Per our discussion, we have completed the approved PECFA remedial excavations at the former Biogenesis site. Based on the anticipated dimensions and depths we anticipated a total excavation volume of 1,845 tons from the six targeted petroleum impacted areas. Excavation activities were completed to the proposed dimensions and depths however review of the actual tonnage excavated indicates the total tonnage removed was 1,961.11 tons, approximately 115.11 tons over the estimated

amount. The additional tonnage is likely associated with relatively high moisture content in the excavated material due to spring rains.

To estimate the tonnage based on the calculated volume of the excavation areas, Sigma has used a weight/volume conversion factor of 1.7 tons/cubic yard. Comparison of the actual tonnage to volume ration indicates an actual conversion factor of 1.8 tons/cubic yard is more representative of the actual conditions encountered. Again, the discrepancy is likely associated with the seasonal conditions present at the time of excavation.

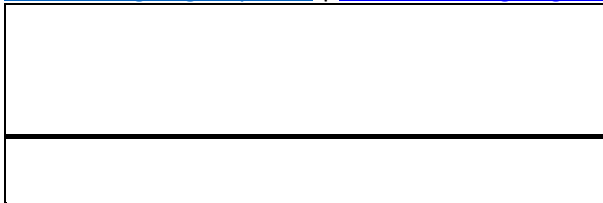
Based on the additional tonnage, Sigma is requesting approval for the additional commodity costs associated with the approved remediation scope of work. The additional commodity costs are as follows:

115.11 tons x \$27.50/ton = \$3,165.52.

Please let us know if you need any additional information.

Regards,

Stephen R. Meer, P.E.
Senior Engineer
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