

Talbot, Linda M - DNR

From: Talbot, Linda M - DNR
Sent: Tuesday, December 16, 2014 11:52 AM
To: Gilbertson, Mike - DNR
Cc: Calhoon, David C - DNR
Subject: RE: Hahn pics

Done

Mike,

The Hellenbrand-Healy substitution request looks good and I will take it to Dave. The grant amendment for the substitution will reflect the addition of a manure storage system at 90% cost-share rate up to the cap of the \$95,850 for the Healy portion of the Hellenbrand-Healy grant.

Some Notes:

Healy

- A Grant Amendment request is needed from Kurt for -
 1. if he wants that grant to reflect 90% Cost-share for the practices that have been installed to date; and
 2. To subtract the Manure Storage Facility and the \$ that would have gone toward it.
- Kurt sends Final Request for Reimbursement (RfR) and a Final Report. If possible at this time, provide us with a letter of compliance (in perpetuity language of the grant award) or interim compliance would accompany the Final Report and RfR – send all to you first.

Hellenbrand-Healy

- Partial reimbursement request for the Hellenbrand work (that's actually a final request for the Hellenbrand portion of the Hellenbrand-Healy grant)
- Later – Final RfR (the Healy portion); the Final Report for Hellenbrand-Healy needs to show both efforts – and two letters of compliance, 1 to Hellenbrand and 1 to Healy that lays out what NR 151 performance stds. and prohibitions they've been brought into compliance with. The grant award contract on page requires a statement that under WI law, compliance at these sites must be maintained in perpetuity regardless of future cost-sharing, and we are to receive a copy.

Let me know if there's any questions....

We are committed to service excellence.

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

Linda Talbot

Phone: (608) 267-7551

Linda.Talbot@Wisconsin.gov

Substitution Request for Targeted Runoff Management, and Urban Nonpoint Source & Storm Water Management-Construction Grants

Notice: Complete this application if you want to change the location where practices were to be installed after grant assistance has been awarded by the Dept of Natural Resources, as required under ss. 281.65 and 281.66, Wis. Stats., and Chapters NR 153 and 155, Wis. Adm. Code. Information collected will be used for program budget analysis and project evaluation. Personally identifiable information will be used for program administration and may be made available to requesters under Wisconsin's Open Records Law [ss.19.31-19.39, Wis. Stats.]

Instructions:

A grantee selected for funding through either the Targeted Runoff Management (TRM) or the Urban Nonpoint Source & Storm Water Management (UNPS&SW) Grant Program may propose substitutions to the original project proposal. Completion of this form is required for substitutions to the initial grant, including alternative locations for installing practices and, in some cases, revisions to best management practices (BMPs). The grantee must certify that the substitution will achieve results comparable to those anticipated through the original project proposal. All project substitutions must comply with federal and state laws for the protection of cultural and historical resources, and for detecting and managing contaminated soils or solid waste encountered during installation of the BMPs. If such materials are encountered, the grantee shall immediately contact the Department's Regional Nonpoint Source (NPS) Coordinator. The Department may terminate this proposed grant substitution if it determines that installation and operation of the best management practices may facilitate movement of hazardous substances to waters of the state.

Please answer the following questions and sign the form. Submit a signed printed copy of the request, including any attachments, to the Department's Regional NPS Coordinator for your area. If an alternative BMP location is being proposed, include a photocopy of a topographic map showing the location of the proposed location.

The most current grant application, found at: <http://dnr.wi.gov/runoff/grants/applications/> will be used by the Department in making decisions concerning this substitution request.

The Department's Surface Water Data Viewer (http://dnr.wi.gov/org/water/data_viewer.htm) may be helpful in answering some of the following questions.

Grantee Information			
Governmental Unit Name Columbia County Land and Water Conservation Department.		Grant Number TRC-LW19-11000-14A	
Former Project Name Hellenbrand-Mack Road		Watershed in Which Project Was To Be Located <i>(Must be in the same Watershed as original grant)</i> Lake Wisconsin (07070005)	
Legislative District: (find at : http://www.legis.state.wi.us/) Senate 16 Assembly 47			
Proposed Project Name Hellenbrand-Healy		Watershed in Which Proposed Project Is to be Located <i>(Must be in the same Watershed as original grant)</i> Lake Wisconsin(07070005)	
Proposed Watershed Name Lake Wisconsin	Proposed Waterbody Code (07070005)	Proposed Primary Waterbody Name Lake Wisconsin	Proposed Nearest Waterbody Name Lake Wisconsin
Proposed 12-digit federal Hydrologic Unit Code: 070700050102		Does the waterbody appear on the State of WI list of impaired waters submitted to the USEPA in compliance with sec. 303(d) of the Clean Water Act (33 USC § 1251. <i>et seq.</i>)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Name of s. 303(d) Listed Waterbody: Lake Wisconsin	

Pollutants to be addressed by the project: *(Note: To remain eligible for federal funding, the pollutants to be controlled by the proposed project must be those responsible for the waterbody impairment as shown by the federally-approved 303(d) List of Impaired Waters. To determine the waterbody's impairment, refer to the list found at: <http://dnr.wi.gov/org/water/wm/watersummary/Waterqualityassessment.html>)*

RECEIVED

Nutrients Sediment Other: _____

DEC 10 2014

Questions	
1. Reason for Request:	
	State the rationale for requesting this substitution. If requesting new or replacement BMPs, you must identify the BMP. Also include a revised budget sheet for Part I, Question 1.B of the application.
	Manure Storage System (R16) BMP addition, due to a concrete availability shortage which was amplified by weather conditions that cause a shorter 2014 construction season that came to an abrupt end. The estimated addition total costs/per bid associated with the additional Manure Storage System is \$106,500.00 cost shared at economic hardship rate of 90% for total of \$95,850.00
	One manure storage (R16) is added at an economic hardship CS rate(90%) \$106,5500 Total Cost x 90% = financial grant amendment amount of \$95,850.

2. Analysis of Request for Substitution:											
Yes	No	NA									
<input checked="" type="checkbox"/>	<input type="checkbox"/>		a. The proposed substitution is in the same hydrological unit (the federally-assigned numeric code for a subdivision of a watershed, used to organize hydrologic data,) and affects the same water resources identified in the original application. Identify the location of the proposed BMP(s) below.								
			MCD (Minor Civil Division)	Township	Range	E or W (Identify)	Section	Quarter	Quarter/Quarter	Latitude (degrees, minutes and seconds, only, North of the Equator)	Longitude (degrees, minutes, and seconds, only, West of the Prime Meridian, in Greenwich, England)
			Sprinvale	12	11	E	5	NE	SE	43 31' 57.6"	89 12' 47.5"
			b. Navigable Waters and Wetland Determinations								
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	i. <u>Navigable Waters</u> : If this project will install an urban storm water treatment practice, the applicant has determined that the practice will not be located in any intermittent or perennial waterway as shown on a map from the Department's Surface Water Data Viewer identified below. Check to indicate the map has been consulted. <input type="checkbox"/> Surface Water Data Viewer Map, 24K Hydro Layer at: http://dnr.wi.gov/org/water/data_viewer.htm								

Yes	No	NA	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ii. <u>Wetlands</u> : If this project will install an urban storm water treatment practice, the applicant has determined that the practice will not be located in any wetland, based upon consulting both of the following: <input type="checkbox"/> Wisconsin Wetland Inventory at: http://dnr.wi.gov/wetlands/inventory.html <input type="checkbox"/> Wetland Indicator Toolkit at: http://dnr.wi.gov/wetlands/locating.html
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. If this is a proposed urban project to be funded under ch. NR 155, Wis. Adm. Code, the proposed project area is an urban area as defined by s. NR 155.12(31), Wis. Adm. Code...
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. If this is a proposed urban project which requires that the applicant have control of the property, the applicant currently owns the property or has control of the property through an easement or construction/maintenance agreement.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	e. If this application proposes excavation in an urban area, or the purchase of land or an easement, the applicant has completed and attached the Environmental Hazards Assessment form (1800-001), available at: http://dnr.wi.gov/org/caer/cfa/Grants/Forms/1800001_fillPrint.pdf Also, complete the following:
			i. If this is a project which includes excavation or the purchase of land or an easement, consult the Bureau of Remediation and Redevelopment (R&R) Site Map (at: Error! Bookmark not defined. and answer the following questions using a map scale of 1:8529 or larger:
<input type="checkbox"/>	<input checked="" type="checkbox"/>		1. There is one or more <u>open</u> (ongoing cleanup) R&R sites on the <u>same property</u> where the excavation is planned.
<input type="checkbox"/>	<input checked="" type="checkbox"/>		2. There is one or more <u>closed</u> (completed cleanup) R&R sites on the <u>same property</u> where the excavation is planned.
<input type="checkbox"/>	<input checked="" type="checkbox"/>		3. There is one or more <u>open</u> (ongoing cleanup) R&R sites on an <u>adjacent property</u> .
<input type="checkbox"/>	<input checked="" type="checkbox"/>		4. There is one or more <u>closed</u> (completed cleanup) R&R sites on an <u>adjacent property</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	f. If this is a proposed project for the University Board of Regents, the project meets the criteria under s. 281.66 (6), Wis. Stats.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	g. If this is a proposed urban project; then one of the following is true: 1) local governmental unit has jurisdiction over the project area; or 2) the municipal storm water discharge is covered by a municipal storm water permit <u>and</u> the appropriate intergovernmental agreement is in place to install, operate and maintain the BMP.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		h. Installation of the proposed BMPs will be completed within the grant period. If an extension of the grant period is needed, include a revised project timeline using the table from Part I., Question 1.A .of the grant application.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		i. Staff or contractual services, in addition to those funded by this grant, will be provided as needed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		j. Staff and/or contractors have adequate training, knowledge, and experience to implement the proposed project.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		k. Best management practices constructed under this grant are consistent with performance standards under ch. NR 151, Wis. Adm. Code.
<input type="checkbox"/>	<input checked="" type="checkbox"/>		l. The substitution will not increase the amount of the grant request.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		m. The applicant is requesting the addition of one or best management practices (BMPs) that are not on the current grant.
<input checked="" type="checkbox"/>	<input type="checkbox"/>		n. The BMP you are requesting in this proposed substitution is a cost-effective means of controlling the pollutant source that is targeted to be controlled. Attach a revised cost-effectiveness assessment using Part I., Question 1.C. from the grant application.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	o. If this application is for livestock operation controls (e.g., barnyard runoff or manure storage), the applicant has attached the Animal Unit Calculation worksheet, available at: http://dnr.wi.gov/runoff/pdf/ag/cafo/form340025A.doc .
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	p. If this proposed substitution will result in a change in the project evaluation strategy, identify which of the following components the revised strategy will include: <i>(check all that apply)</i>
			<input type="checkbox"/> i. Modeling or other changes in pollution potential - <i>specify the method (required)</i>
			Method:
			<input type="checkbox"/> ii. Monitoring <i>(Requires a pre-approved monitoring plan that must be attached.)</i>
Yes	No	NA	

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	q. If this is an agricultural project, the landowners who are essential to successful implementation are involved in and committed to the project, or the Department or grantee has agreed in writing to issue a regulatory notice as needed.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	r. If this is an urban project, attach documentation that the local share is approved and available.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	s. The extent of pollutant control for the revised project is comparable to the extent of pollutant control in the original application. If "No," explain:

Applicant Certification:

I certify that the above information is true and correct.

Signature of Responsible Municipal Representative 	Date 12/05/2014
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Name and Title of Responsible Municipal Representative (please print legibly or type)

Name: Kurt Calkins

Title: Director, Columbia County Land and Water Conservation

For DNR Use Only

Regional Office Reviewer Signature 

Name (print) Michael A. Gilbertson	Date 12/8/14
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Recommendation (check one): Approve Disapprove

Rationale:
Note: Economic hardship was not part of original grant. Not sure if that impacts this at all. Total grant award isn't changing.

Transmittal

From Regional Office to Runoff Management Section <input checked="" type="checkbox"/>	Date Sent: 12/8/14
From Runoff Management Section to Community Financial Assistance Section <input checked="" type="checkbox"/>	Date Sent: 12/16/14

Small-Scale Ag. TRM Grant Application

Proposed Revised Budget Sheet
 TRM Grant Project Name:
 Hellenbrand-- Healy

Form 8700-300 (R 1/13)

allow him to more precisely account for and manage the NPK value of this manure, a benefit not only to surface water but groundwater as well.

B. Timeline and Source of Staff

For each applicable milestone listed below, fill in the appropriate data.

Milestone	Target Completion Date (month/year)	Source of Staff
Completion of design	3/2014	LWCD
Obtaining required permits	8/2014	LWCD
Landowner contacts	8/2014	LWCD
CSA signing	8/2014	LWCD
Bidding	11/2014	LWCD
DNR approvals	11/2014	LWCD
Contract signing	11/2014	LWCD
BMP construction	4/2014	LWCD
Site inspection and certification	9/2014	LWCD
Project evaluation	10/2014	LWCD
Other (specify) Completion of substitution BMP	10/2015	LWCD

C. FINANCIAL BUDGET TABLE

Provide the following information for the project. The grant amount is capped at \$150,000.

A Project Activity for Which DNR Funding is Requested	B Estimated Total Cost (\$)	C Amount Eligible for DNR Cost Sharing (\$)
Construction Components:		
Barnyard/VTA/Spreeder	24,785.00	24,785.00
Manure Storage	175,208.00	175,208.00
Manure Transfer	3,200.00	3,200.00
Heavy Use	754.00	754.00
Critical Area Seeding	3,000.00	3,000.00
Grassed Waterway/Diversion	450.00	450.00
Roof Gutter/Outlet	7,050.00	7,050.00
Manure Storage	106,500.00	95,850.00
1. Construction Subtotal	320,947.00	310,297.00
2. Local Force Account Activities		
3. Private Engineering Activities		
4. Subtotal: [add Rows 1 through 3]	320,947.00	310,297.00
5. Property Acquisition: Fee Title & Easement		
6. Grand Total: [add Rows 4 and 5]	320,947.00	310,297.00

Cost-Sharing Worksheet

Eligible Costs:	Cost-Share %	
7. Construction, force account, private engineering, etc.	70.9%	\$ 150,000 + 95,850 = 245,850
8. Land Purchase (Fee Title)	70%	\$
9. Easements	70%	\$
Eligible Cost Share:		
10. Total Eligible Cost Share: [sum rows 7 thru 9]		\$

Small-Scale Ag. TRM Grant Application

Proposed Revised Cost-Effectiveness

TRM Grant Project Name:

Hellenbrand- Healy

Form 8700-300 (R 1/13)

11. Maximum State Share: [row 10 or \$150,000, whichever is less]

\$

State and Local Share:

12. Requested State-Share Amount (Requested Grant Amount)

\$

13. Local-Share Amount: [row 6, column B less row 12]

\$

D. Method Used to Calculate Cost Estimates: Select the appropriate option.

- 1. Project costs are based on completed design and competitive bid on the project. Construction components and costs above should be detailed. Provide documentation attached to this application.
- 2. Project costs are based on completed design with materials and labor costs based on similar, recently bid projects. Construction components above should be detailed. Provide documentation in this application.
- 3. Project design is not complete; however, the proposed project and costs are based on similar and recent projects and costs. Provide as much construction detail above as possible. Provide documentation for this method in this application
- 4. Project design is not complete and the cost estimate is based on an average or a range of projects and costs. Provide as much construction detail above as possible. Provide documentation for this method in this application.
- 5. Project and costs are less specific than choices above. Provide explanation of cost estimates attached to this application.

E. Cost-Effectiveness.

1. a. Explain how this project uses cost-effective and appropriate best management practices to achieve water quality goals. Provide supporting information and documentation for your statements (in attachments, if needed).

As with all sites we evaluate all the BMP's options looking for the lowest cost/benefit we can engineer to protect water quality. This application represents the most cost effective long term plan that will provide for lasting management of the BMP's. One unique approach we have built into this project is the value of looking at using a roofing system over the feedlot to be addressed instead of implementing the multiple BMP's that would be used in coordination with the traditional barnyard runoff system. We will likely evaluate the specific value of each option and then look at actual bids to compare the two. At this time we have included the normal BMP's in the cost estimates and tools for this project, but have included, as noted in budget the option to alternate to a roof if its more cost effective. There really are no other options to deal with this site, other than the practices listed. Manure storage is a valuable tool, and really the only tool that will allow landowners to property manage manure during critical times of year and meet obligations of 590 NMP standard. This structure will be sized for 6 months storage.

b. If this project includes a manure storage facility, the state-share should be based on manure storage capacity to meet current (and insignificant growth) AU needs. In the space below, explain the facility size and the duration of storage that is proposed in this project to achieve water quality goals. Reference the NMP, AUs, manure generation, availability of spreadable acres, months of storage, etc.

Hellenbrand is a 206 dairy cow operation that may grow to a < 20% increase of up to 250 cows. Manure storage has been designed for 180 days (6 months). See attached spreadsheet documentation. As you can see from the 590 NMP restriction maps, the majority of the farm is included in the winter restriction area. Supporting documentation is including with the application, that shows this structure is needed based on size/duration and limited winter spreading areas. Current mixed animal unit #s = 357 AU, Future growth 418.5AU.

* Healy is a 125 dairy cow operation with 85 heifers and 30 calves. Manure storage has been designed for 240 days (8 months). The storage structure is to replace a unlined stacking/storage area in sandy soils that currently is utilized by the farming operation. Nutrient management currently has some winter restriction areas with the storage the nutrients will be able applied at the proper times according to a nutrient management plan.

2. If other alternative management measures were evaluated, list them here and describe why the alternative(s) is not being recommended.

As mentioned earlier, we will be evaluating the value/cost effectiveness of using a roof over the feedlot area, instead of implementing the barnyard runoff system and its components. We have included the roof as an optional practice, but did not assign any additional costs to the project. If feasible, costs could be shifted to that practice.

Animal Unit Calculations: Current Number of AUs on Operation

Animal Type		I. Mixed Animal Units			II. Non-mixed Animal Units		
		b. Equiv. Factor	c. Current Number	d. No. of AUs	e. Equiv. factor	f. Current Number	g. No. of AUs
Example - Broilers (non-liquid manure):		0.005 x	150,000	= 750	0.008 x	150,000	= 1200
Dairy/Beef Calves (under 400 lbs)		0.20 x		=	<i>Fed. numbers in this column comply with 40 CFR 3.122.23</i>		
Dairy Cattle	Milking & Dry Cows	1.40 x	125	= 175	1.43 x	125	= 178.75
	Heifers (800 lbs to 1200 lbs)	1.10 x	85	= 93.5			
	Heifers (400 lbs to 800 lbs)	0.60 x	30	= 18	1.00 x	115	= 115
Beef	Steers or Cows (400 lbs to market)	1.00 x		=			
	Bulls (each)	1.40 x		=	1.00 x		=
Veal Calves		0.50 x		=	1.00 x		=
Swine	Pigs (up to 55 lbs)	0.10 x		=	0.10 x		=
	Pigs (55 lbs to market)	0.40 x		=			
	Sows (each)	0.40 x		=			
	Boars (each)	0.50 x		=	0.40 x		=
Chickens	Layers (each) -non-liquid manure system	0.01 x		=	0.0123 x		=
	Broilers/Pullets (each) -non-liquid manure system	0.005 x		=	0.008 x		=
	Per Bird -liquid manure system	0.033 x		=	0.0333 x		=
Ducks	Ducks (each) -liquid manure system	0.2 x		=	0.2 x		=
	Ducks (each) -non-liquid manure system	0.01 x		=	0.0333 x		=
Turkeys (each)		0.018 x		=	0.018 x		=
Sheep (each)		0.1 x		=	0.1 x		=
Horses (each)		2 x		=	2 x		=
Total Animal Units:		Total Mixed Animal Units = 286.5 (add all rows above)			Total Non-Mixed Animal Units = 178.75 (Enter the single highest number from any row above; DO NOT add the totals)		

Does operation need a WPDES permit? NO

Economic Hardship Determination

March 8th, 2013

Kurt Calkins, Director

Columbia County

Land & Water Conservation Department

P.O. Box 485

Portage, Wi 53901

Kurt,

We want to inform you that we are interested in and will be applying for determination of economic hardship under section NR154.03 (3) (b) & (c) of the Wisconsin Administrative Code.

Thank you for your consideration of this matter.

Sincerely,

A handwritten signature in black ink, appearing to be "Moy", written over a horizontal line.

March 13, 2013

Columbia County Land & Water
Conservation Dept.
120 W. Conant St.
P.O. Box 485
Portage, WI. 53901

To Whom It May Concern:

This letter is to inform you that John D. Healy meet the economic hardship criteria as outlined in NR 154.03 (3)(b) and(c) of the Wisconsin Administrative Code. Furthermore, it is my determination that John D. Healy is unable to make the cost-share contribution normally required (typically 30%), but will be able to pay the balance of the cost to install the cost-shared practices if he receives the hardship cost sharing (typically 10%).

If any further questions arise, feel free to contact me at 920-398-2358.

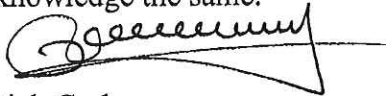
Sincerely,



Tim Dillie
Asst. VP / Loan Officer
Markesan State Bank

State of Wisconsin
Green Lake County

Personally came before me this 13th day of March 2013
named Tim Dillie, to me known to be the
Person who executed the foregoing instrument and
Acknowledge the same.



* Rick Grahn
Notary Public Green Lake County, Wisconsin.

My commission expires 9/29/13