



STUDENT SUSTAINABILITY COMMITTEE

Semesterly Report

Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.

Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at sustainability-committee@illinois.edu.

Project Name: CornCrete

Date of Report Submission: 9/23/2021

Project Purpose:

The Project will divert an agricultural waste product and direct it into a higher value end product: An insulating monolithic wall material.

Detailed Accounting of Expenditures to Date:

See attached

Project Progress to Date:

The majority of the work to date can be broken down into the following categories:

Design Work: 100% Complete

Material Preparation: 100% Complete

Material Installation: 95% Complete

Video Documentation: 90% Complete

Data Monitoring Purchase and Installation: 0% Complete

Final Plaster Finish: 0% Complete

Student Involvement and Outreach to Date:

The initial work was carried out by one undergraduate and one graduate student. In spring 2019 a team of 4 graduate students built a mock-up wall using 3 different agricultural fibers within the setting of a seminar class. During the Summer of 2021 a team of 2 students (1 graduated student) worked on the installation of the different grasscrettes in the 2 demonstration walls. One graduated student worked on video documentation of the process to be used for outreach purposes. An early version of the video documenting the process has already been shown at a couple of outreach activities.

Marketing and Promotion Efforts to Date:

The project was discussed in an interview conducted by Jenna Kurtzweil, iSEE Communications Intern and released via the iSEE website on February 14th 2019: <https://sustainability.illinois.edu/past-present-and-future-corncrete>.

Additional Comments:

Below is an image of one of the two demonstration walls awaiting monitor installation and final plaster rendering.



There is a strong possibility that once the monitoring equipment is purchased and installed, and the final plaster rendering finish applied over the grasscrete walls there will be some balance of funds left unspent. The point person for this project would like to ask the committee if the remaining funds be used towards the reinstating of deck surrounding the Gable Home (the 2009 Solar Decathlon House), also located at the Energy Farm. Currently 12 students in Arch 576 are reusing the original deck members, however additional material will be needed to complete the new installation.

Sustain Award - Corncrete

1-304458-767000-767201

Mark Taylor

Expense Period:

TOTAL EXPENSES: \$ 28,844.52
TOTAL AWARD: \$47,000.00
REMAINING AWARD: \$ 18,155.48

Vendor	Document #	Date	Amount	Pending	Description
Menards	PCA2ZoLo	5/25/18	\$ 36.38		
Omega Engineering	PCA2Z5PP	6/5/18	\$ 275.00		
Blue Truck Fuel	J2634201	5/24/18	\$ 44.64		
WorldmessLT	PCA2YZQ1	5/24/18	\$ 514.14		Conference Registration
JPMorgan Chase	PCA2YZQ2	5/25/18	\$ 7.71		Bank Fee
Menards	PCA305GX	8/1/18	\$ 13.67		
RP Lumber Co Inc	PCA33FL7	2/25/19	\$ 170.25		
Taylor, Mark Supplies	ER01694226	8/6/18	\$ 18.01		
Farm Garden & Greenhouse	J2667697	8/3/18	\$ 45.00		1 bale of Corn Stover
Mark Taylor	ER01694226	8/6/18	\$ 52.81		ice
Blue Truck Fuel	J2668246	8/6/18	\$ (44.64)		
WorldmessLT	J2668248	8/6/18	\$ (514.14)		moving expense
JPMorgan Chase	J2668262	8/6/18	\$ (7.71)		moving expense
RP Lumber Co Inc	PCA3637W	7/29/19	\$ 933.15		
RP Lumber Co Inc	PCA364ZS	7/30/19	\$ 26.12		
CU Hardware Company	PCA37Q70	10/25/19	\$ 18.33		
RP Lumber Co Inc	PCA3A4BJ	3/25/20	\$ 168.89		
Facilities & Services	AM005679	10/31/19	\$ 57.31		
Amazon	PCA3B8WJ	7/8/20	\$ 50.97		LumberTite Star Screws
US Heritage Group, Inc.	PCA3BDFS	7/20/20	\$ 3,396.70		Hemcrete Shiv, Binder, Sand, plaster, pallet and wrapping (JV'd to
The Bike Shop	PCA3BEHX	7/22/20	\$ 322.00		2 bikes and bike locks
Hempville	PCA3BAWU	7/14/20	\$ 41.58		
Facilities & Services	AM005DC4	8/31/20	\$ 121.50		
CA Tools	PCA3CJH	10/8/20	\$ 1,224.99		
Facilities & Services	AM005F63	10/31/20	\$ 32.86		
Home Depot	PCA3CUNF	10/28/20	\$ 191.92		
Home Depot	PCA3CVZ6	10/29/20	\$ 599.00		
Home Depot	PCA3CUNE	11/1/20	\$ 24.98		
Home Depot	PCA3CVZ7	11/1/20	\$ 94.23		
Home Depot	PCA3CVZ8	11/1/20	\$ 31.56		
Home Depot	PCA3CWQL	11/3/20	\$ 806.00		
Home Depot	PCA3CZPF	11/9/20	\$ (599.00)		
F&S	AM0060D7	12/31/20	\$ 65.72		
RP Lumber Co Inc	PCA3GDVL	7/19/21	\$ 325.39		
RP Lumber Co Inc	PCA3GGT6	8/26/21	\$ 42.97		
Home Depot	PCA3GZBD	9/2/21	\$ 39.00		
Home Depot	PCA3GZBC	9/2/21	\$ 49.00		
TOTAL:			\$ 8,676.29		

Wages + Fringe

Name	Document #	BW/MN	Amount
Grad Hourly Wage FY18			\$ -
TOTAL FRINGE FY18			\$ -
Grad Hourly Wage FY19			\$ 2,185.91
TOTAL FRINGE FY19			\$ 22.44
Grad Hourly Wage FY20			\$ 3,583.75
TOTAL FRINGE FY20			\$ 74.94
Grad Hourly Wage FY21		26	\$ 12,708.78
TOTAL FRINGE FY21			\$ 1,052.26
Grad Hourly Wage FY22			\$ 500.00
TOTAL FRINGE FY22			\$ 40.15
TOTAL:			\$ 20,168.23

Thru BW8 2021

Evan Burge labor- \$1,560 tp be transferred in April