# *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:** Baler Conceptualization

**Date of Report Submission:** 7/25/2018

**Project Purpose:**

This project funds an engineering study to create conceptual design drawings, specifications, and a project estimate of probable cost for a new baler at the Waste Transfer Station (WTS). The new baler would allow F&S to expand collection of recyclable plastic materials to include plastics 3-7, rather than just #1-2 plastics shaped like bottles.

**Detailed Accounting of Expenditures to Date:**

none

**Project Progress to Date:**

The original schedule included the following milestones:

|  |  |  |
| --- | --- | --- |
| delay for new management to start | 3 months / 12 weeks | 3/1/2018 |
| initiate, select, and hire consultant | 3 months / 12 weeks | 6/1/2018 |
| feasibility study | 6 months / 26 weeks | 12/1/2018 |

Step one was completed, and we met with the new management at the WTS on March 1, 2018. The meeting was led by capital planner, Trent Beane, and it included the engineering firm and a manufacturer’s rep from Dehart Recycling. We discussed the project needs, and the current status of the WTS equipment. Some notable points are listed below:

* The existing baler was installed in 1996
* Design of balers has changes a lot, with lower labor costs and alternatives to the perforator currently used at WTS.
* The power supply is probably similar to the existing power demand.

After the meeting, the engineering firm was asked to provide a formal proposal to F&S to approve and begin the design work. Unfortunately, this process was delayed due to emergency family medical issues for Mr. Beane. The engineering firm is not yet under contract to start the work.

**Student Involvement and Outreach to Date:**

The meeting on March 1 included a student intern working with Morgan White, Leah Berti.

**Marketing and Promotion Efforts to Date:**

none

**Additional Comments:**

Any additional comments/relevant information for the semesterly report