



MEMORANDUM

TO: City of Urbana Sustainability Advisory Commission
FROM: Scott R. Tess, Environmental Sustainability Manager
DATE: Tuesday, February 11, 2014
RE: Staff Report

Assistance for Brownfields

Staff has reviewed opportunities and challenges for reactivating potential brownfield sites utilizing Federal and State assistance programs. See attached. While interest remains, staff and fund levels do not allow action on brownfields at present.

Climate Action Plan (CAP)

Goal 1: Action 1

There are currently 40 buildings registered for the U-C ENERGY STAR Challenge. Challenge partners organized an U-C ENERGY STAR Challenge Launch Party and Lunch & Learn 1/29/14 with xx attendees.

We are preparing to print the Urbana/ActOnEnergy postcard mailing that will prompt businesses to take advantage of rebates and also to take a survey to satisfy our business energy behaviors goal in the CAP. I hope to have it mailed in February.

Goal 1: Action 2

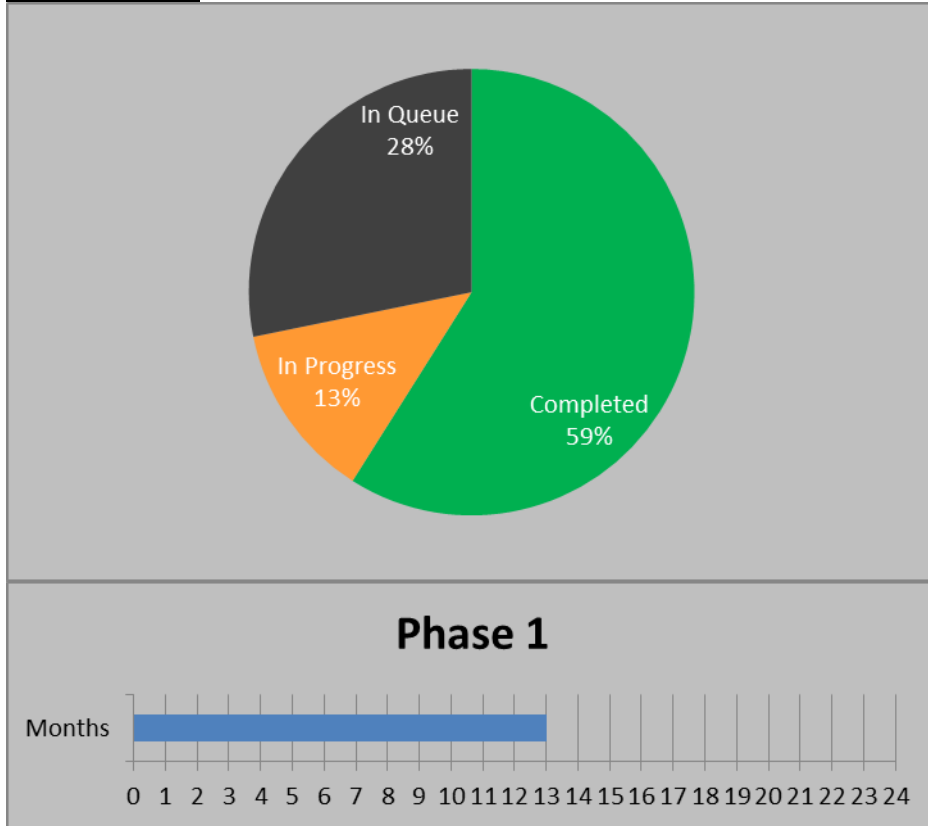
The City of Urbana, U of I, and other cities' staff met with the developers of the California Ridge Wind Power facility in Vermillion County to discuss renewable energy purchases. California Ridge has expansion sites ready. It is rare and perhaps unprecedented in Illinois for a City to buy power directly from a wind facility. An agreement between California Ridge, the City, and an alternative retail electric supplier would be necessary. The City of Urbana's facilities electricity demand is insufficient to induce new builds at the facility. If other very large purchasers choose to engage California Ridge in supplying electricity, then Urbana's demand could be accommodated.

SAC members have received a RECs annotated bibliography that seeks to summarize the current research and reports regarding the efficacy of RECs. It is our intention to keep this memo on hand, perhaps updating it as information becomes available, and sharing it with any council, commission, or members of the public with an interest in RECs.

Goal 5: Action 5

ICLEI has created new software for greenhouse gas emissions modeling and mitigation planning. Urbana staff have been selected to preview the software 2/5/14. This software will allow Urbana to measure greenhouse gas emissions from 2007 to 2013. Since Urbana set its greenhouse gas baseline in 2007, Ameren had changed how they supply community wide energy data and ICLEI has changed how they model greenhouse gas emissions. It's likely that utilizing Ameren's current data sets and the new ICLEI software for 2007 may slightly change the 2007 baseline greenhouse gas emissions.

CAP Progress



Internal Hazardous Waste Management

To ensure compliance with environmental rules and to maintain a safe workplace, Public Works invited the Illinois Sustainable Technology Center (ISTC) compliance assistance staff to conduct a site review and make recommendations for improvement at the Public Works facility. The report ISTC provided was distilled into a 2013 calendar checklist. 90% of the items were completed by the end of the year. See attached.

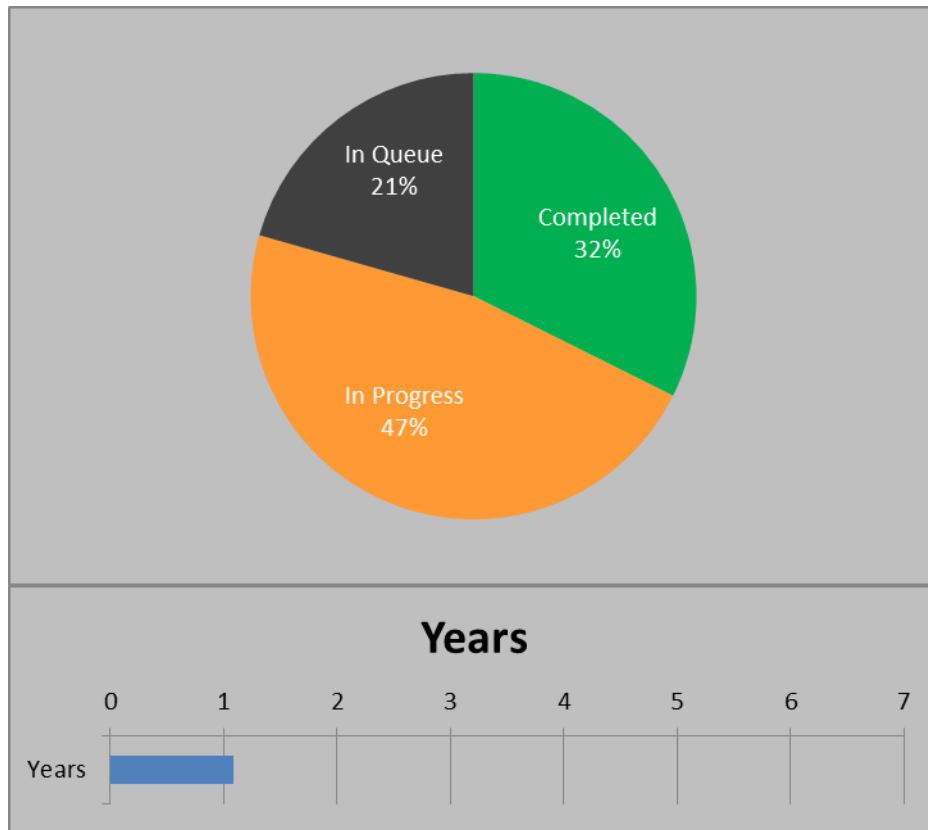
Sustainable Water Management Plan

Aspect 1: Goal 1-Action 2

We have sent out an RFP for a one day rain barrel and compost bin sale for May 17. Previous sales results are as follows.

Years	Rain Barrels	Compost Bins
2011	500	500
2013	450	173

Sustainable Water Management Plan Progress



Ucycle

ISTC, County, and Cities staff participated in a meeting exploring a carpet recycling service. A Chicago based carpet recycling company is willing to drop a semi-trailer in town and pick it up when it is full of carpet and padding for \$1,200.00. ISTC staff says this is equivalent to \$80.00/ton. In order to compare this cost to other recycling services we provide, U-Cycle Coordinator Courtney Rushforth has calculated a /ton cost for other recycling services.

Calendar Year 2012	Tons/Year	Cost/Year	Cost/Ton
Curbside U-Cycle	2375	\$193,456.10	\$81.46
Multifamily U-Cycle	831	\$170,773.50	\$205.50
Batteries	3	\$6,264.99	\$2,088.33

ISTC has provided the following estimates for a carpet recycling service.

	Tons/Year	Cost/Year	Cost/Ton
Carpet Recycling			\$80.00

The City of Urbana has become a member of the Product Stewardship Institute to support Paint Stewardship legislation in Illinois. See attached.

ISTC has provided a waste and recycling audit at the Urbana City Building. Results attached.

Next SAC Meeting

Tuesday, March 4 at 7:00 pm in Council Chambers.