

SOLID WASTE ALTERNATIVES PROGRAM

The Solid Waste Alternatives Program (SWAP) was established in the landmark Groundwater Protection Act of 1987 to offer financial assistance for the development and implementation of solid waste management projects to reduce the amount of solid waste generated and the amount of solid waste landfilled.

Since its inception, the program has diverted well over 16 million tons of solid waste from Iowa landfills through a variety of waste reduction, reuse and recycling programs and public education.

In 2013, more than \$10 million was requested in funding assistance and **\$2 million was awarded** to selected applicants. SWAP awards, leveraged with nearly \$1.7 million in applicant cash match, allowed 40 new projects for solid waste reduction, education and recycling to benefit Iowans.

Funded projects include establishing and expanding community and corporate recycling programs, K-12 school recycling programs, teacher workshops to introduce environmental curriculum into the classroom, college and university recycling programs, asphalt shingle recycling and many more - all leading to conserving natural resources and minimizing reliance on landfills for disposal. Selected projects anticipate more than 32,000 tons of solid waste diverted from sanitary landfills in the first year of project implementation.

More than 40,000 tons of solid waste was reported as being diverted from Iowa landfills in 2013 by SWAP recipients required to submit data.

SWAP receives a portion of the tonnage fee assessed on solid waste landfilled in Iowa. Solid waste agencies collect the tonnage fee from landfill customers, retain varying amounts for local programs and remit the balance to the state to fund several statewide programs.

LOAN TYPES AWARDED IN 2013

TYPE	FUNDING
Forgivable Only	\$663,451
Zero-Percent	\$779,662
Three-Percent	\$598,694
SWAP INVESTMENT TOTAL	\$2,041,807
LOCAL INVESTMENT TOTAL (cash)	\$1,714,986

APPLICANT TYPES AWARDED IN 2013

Local Government	15
Private for Profit	17
Private Non-Profit	8
TOTAL	40

2013 SWAP SUCCESS

DIFFERENT LANDFILL SERVICE AREAS, ONE COMMON GOAL

In late 2012, seven rural solid waste agencies from four solid waste comprehensive planning areas in western Iowa partnered to achieve a common goal: implementing an efficient and cost-effective asphalt shingle recycling program called the Western Iowa Initiative.

The Western Iowa Initiative agreed to apply for funding through the Solid Waste Alternatives Program and contracted with Barker-Lemar Engineering and Consulting to prepare an economic and operational feasibility study. The resulting joint program involved:

- Shingles collected at participating landfills and transfer stations
- Collected shingles are then tested for asbestos, at processor expense
- Once shingles are confirmed as asbestos-free, they are loaded on to the processor's trucks and transported to the processing center
- Processed shingles marketed to a local asphalt paving company

The feasibility study was completed in late spring and presented to the Western Iowa Initiative partners. The partnering agencies then developed a 28E Agreement and contracted with Save & Pave, located in Sioux City, to:

- Educate and market services to roofing contractors
- Train landfill and transfer station staff in sampling procedures
- Pay shingle testing fees
- Coordinate collection and transportation to the processing center
- Market processed shingles to asphalt plants



With the asphalt shingle recycling program just recently underway, nearly 1,000 tons of shingles have already been diverted from the landfill. Save & Pave is in negotiations to open a second processing location to further reduce transportation costs, better serve western Iowa Initiative participants and expand services to additional landfills and transfer stations.

FOR MORE INFORMATION

To learn more about SWAP, go to www.iowadnr.gov/FABA

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