



Building Product Stewardship in Nebraska: Understanding Our Foundation

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Building Product Stewardship in Nebraska: Understanding Our Foundation

What is the Nebraska Product Stewardship Initiative?

The Nebraska Product Stewardship Initiative (Nebraska Initiative) is a cooperative effort between non-profit organizations, municipalities, and the solid-waste management community to build product stewardship capacity and infrastructure in the state. Representatives from several of these stakeholder groups formed a Leadership and Management Team in early 2010 to coordinate the Nebraska Initiative. A list of the members of this Leadership and Management Team appear in Appendix A. Funding for this effort comes from the Nebraska Department of Environmental Quality (NDEQ) through a grant received by WasteCap Nebraska. The Product Stewardship Institute, Inc. (PSI), based in Boston, Massachusetts, is assisting a Leadership and Management Team in organizing and facilitating the Nebraska Initiative.

Product Stewardship is a principle that directs all those involved in the life cycle of a product to take responsibility for the impacts to human health and the natural environment that result from the production, use, and end-of-life management of the product. Extended producer responsibility (EPR), a central tenet of product stewardship, is a policy approach in which the producer's responsibility for their product extends to the post-consumer management of that product and its packaging. A prime example of product stewardship in action is a manufacturer providing free collection and recycling or safe disposal of the products they sell.

Product stewardship is already being implemented in Nebraska. For example, manufacturers and retailers prevent a significant amount of mercury and other toxic heavy metals from reaching landfills and incinerators by offering collection and recycling services for spent rechargeable batteries, mercury thermostats, fluorescent lamps, electronics, and auto switches. While these programs rely on voluntary industry programs, they provide a solid foundation for future product stewardship programs and policies. The purpose of this paper is to outline existing product stewardship programs in the state of Nebraska, and to establish baseline data from which to measure future progress.

Why is Product Stewardship Necessary?

Product stewardship programs prevent toxic materials found in consumer products from entering the waste stream by creating systems to collect and recycle or safely dispose of those products. Product stewardship programs also help preserve natural resources and reduce greenhouse gas emissions. Finally, product stewardship is necessary to relieve taxpayers and local governments from the financial burdens of waste management.

Reducing the Impact of Toxins in Products

Many consumer products contain materials that federal and state environmental agencies have determined to be toxic. For example, electronic products such as televisions and computers can contain lead, mercury, cadmium, lithium, phosphorous, and bromides. Batteries contain toxic

metals, and oil-based paints contain volatile organic compounds. Fluorescent light bulbs and most thermostats contain mercury, which is a neurotoxin. In terms of the environmental hazards they represent, consumer products are often no different from hazardous wastes generated by industry. For that reason, they are often referred to as household hazardous waste (HHW). Other products, such as unwanted pharmaceutical drugs, are collected because they pose safety or environmental concerns in the waste stream.

Conserving Resources and Reducing Greenhouse Gas Impacts

Consumer products can often be reused, and many contain materials that can be recycled. Neglecting to recover and reuse products and packaging results in wasted energy and other natural resources, which impact the environment through the extraction and production of virgin materials and the manufacture of new products. According to the U.S. Environmental Protection Agency (EPA)¹, the extraction, production, transport, and disposal of goods accounts for approximately 29 percent of all man-made greenhouse gas emissions. Greater reuse and recycling of consumer products and packaging are powerful greenhouse gas reduction strategies. For example, leftover paint can be reused by residents who frequent local swap shops, while nickel and cadmium from a spent rechargeable battery can be remanufactured into a new battery or other product. Non-toxic recyclables, such as bottles, cans, cardboard, and other packaging materials, represent about 30 percent of the municipal solid waste stream, nearly all of which can be recycled. Other products, such as mattresses, can be difficult to handle and create challenges for waste collection and disposal operations.

Reducing the Financial Burden on Taxpayers and Local Governments

With some products, such as ink cartridges and disposable cameras, companies have a financial interest in recapturing the goods because the recovered materials have enough market value to cover the cost of collection and processing. For most products, however, local and state governments bear the cost of managing products at the end-of-life (e.g., when they are no longer usable). These products must be collected and transported for reuse, recycling, or safe disposal, which means that tax dollars have been spent to protect the environment and public health from the unintended impacts of consumer products.

In many parts of the country, the costs to local governments of managing discarded consumer products through HHW collection programs has proven to be staggeringly high, ranging from about \$1.50 per pound of leftover pesticides to \$8.00 per gallon for leftover paint. These programs also rarely offer convenient opportunities for the public to discard products and packaging. As a result, most people end up throwing away products in their household trash or storing them in their basements or attics.

By shifting the costs of HHW management and product recycling from taxpayer-funded government programs to manufacturers and consumers, product stewardship creates the funding base needed to expand and sustain end-of-life management programs without depleting scarce government resources. By making manufacturers responsible for the unintended impacts of their products and packaging, product stewardship also creates incentives for manufacturers to redesign their products and packaging to be less costly to manage at end-of-life. When a

¹ http://www.epa.gov/oswer/docs/ghg_land_and_materials_management.pdf

manufacturer takes responsibility for managing their product or packaging waste at the end of its useful life, it is referred to as **extended producer responsibility (EPR)** because the manufacturer is *extending* their responsibility for their products' impacts past the point of manufacturing or sale, and all the way through to the end of the product's useful life. EPR programs are happening around the country, sometimes as a voluntary initiative, and other times as a result of state or local legislation. In some cases, states are passing laws even if manufacturers already provide a voluntary program – as with mercury thermostats – because they want the manufacturers to collect more thermostats and want other stakeholders, such as heating and cooling contractors, to share the burden of responsibility.

Product Stewardship in Nebraska

State Laws

Many states have passed legislation to apply product stewardship principles. However, this type of legislation typically focuses on specific products rather than enforcing stewardship principles broadly. Nebraska does not have any laws requiring manufacturers to set up and pay for the collection of their products, although there are laws on the books that provide interim measures to help offset the state's financial burden of managing certain products. In 1992, the Nebraska Legislature, as part of the **Integrated Solid Waste Management Act**, included an advanced disposal fee of \$1.00 per tire sold that goes into the Scrap Tire Reduction and Recycling Incentive Fund, which is administered by the NDEQ for the proper recycling and disposal of scrap tires. The legislation has since been modified such that the first \$1 million dollars raised each year goes to the Scrap Tire Recycling Fund, and any remaining amount goes into the Waste Reduction and Recycling Incentive Fund grant program (also administered by the NDEQ) for promoting waste reduction and recycling in the state.

Disposal Bans

Disposal bans are one tool for providing incentives to the public and businesses to ensure that their products are recycled or disposed of properly. The Integrated Solid Waste Management Act bans the following materials from landfills in the state: tires, lead acid batteries, waste oil, household appliances (white goods), yard waste (grass and leaves), and unregulated hazardous waste (except from households). Waste coming to landfills is screened to be sure it does not contain banned materials. The legislation was later altered to allow yard waste in landfills with gas recovery systems that generate power.

Several attempts have been made to enact legislation that would either regulate the disposal of electronics or set up a fund to offset the cost of proper disposal. So far, none of the bills have passed.

Who's Who?

There are several key players in Nebraska who are taking the lead in providing the state's residents and businesses with the information and infrastructure needed to collect and manage various products. The **NDEQ and Nebraska Environmental Trust (NET) provide funding support to local and regional governments, as well as, non-governmental organizations for**

proper collection and disposal of selected materials. These grants fund projects such as HHW collections or collection events for electronics. A list of grants for selected material collections provided by these organizations from 2007 to 2010 appears in appendices that are attached. With funding from NDEQ, NET, and other sources, the following groups are running collection programs to serve Nebraska:

- **Local governments:** Five local jurisdictions have permanent HHW collection facilities in Nebraska, and one more facility is nearing completion. These facilities are located in the cities of Holdrege, Kearney, North Platte, Omaha and Red Willow County. Permanent facilities like these are open year around, while other municipalities hold periodic collection events. The frequency of periodic collection events varies from six to eight per year in Lincoln, to one per year in other communities.
- **Keep Nebraska Beautiful (KNB) & Keep America Beautiful (KAB) Affiliates:** The KNB organization seeks to develop a household hazardous waste collection system so every resident in the state has access to a waste disposal program. In contrast, many KAB affiliates organize HHW collection events, electronic collection events, and pharmaceutical collection events in different parts of the state. One HHW facility in Holdrege, serves four counties with a mobile collection trailer. At least five KAB affiliates held HHW collections within the past year.
- **Resource Conservation and Development Councils (RC&Ds)²:** These regional organizations serve rural areas of Nebraska, offering support by sponsoring HHW and e-waste collection events in addition to facilitating compact fluorescent bulb (CFL) collection programs in local hardware stores.
- **WasteCap Nebraska:** WasteCap Nebraska has been involved in computer collections events since 2000. Through mid 2010, they have organized or assisted with more than 20 collection events in Nebraska. WasteCap has funds from the NET to manage e-Scrap collection events and to develop a Take-it-Back Network of retailers willing to accept CFLs, linear lamps, and rechargeable batteries for recycling. WasteCap also participates in cell phone, toner cartridge and mercury thermostat (see Bucket Project below) take-back programs.
- **University of Nebraska – Lincoln, Extension:** This group runs an agricultural pesticide-container recycling program (explained further in the section on Pesticide Chemical Containers, below).
- **Manufacturers and retailers:** Depending on the product, some companies—such as Best Buy, Dell, FedEx, Hewlett-Packard, IBM, Kinko’s, and Staples—provide programs or funds for the collection and recycling or safe disposal of the products they sell (or, in the case of mercury thermostats, products that were sold in the past).

Current Collection Practices

The Leadership and Management Team of the Nebraska Product Stewardship Initiative reviewed grant reports and conducted research on various approaches to collecting specific materials. They

identified current product stewardship programs in Nebraska, and calculated current collection rates from these programs. Materials ranging from appliances to used oil were analyzed. This information was used to establish a baseline of current product stewardship activities in the state.

As previously noted, a number of communities in Nebraska provide HHW collection services to residents. In 2009 and 2010 there were approximately 40 community-sponsored HHW collection events which collected more than 1.1 million pounds of HHW at a cost of more than \$1.5 million. A summary of the material collected is below:

	Pounds
Paint	466,094
Oil	163,706
Electronics	62,050
Other	452,050
Total	1,143,900

Product-by-Product: An Overview of Product Stewardship Take-back Efforts in Nebraska and Nationally

This section describes the work that is being done in Nebraska to collect and safely manage a wide range of products. We also offer a snapshot of what product stewardship looks like nationally.

Appliances

Status in Nebraska

Discarded household appliances were banned from Nebraska landfills as a result of the Integrated Solid Waste Management Act, which went into effect in 1995. However the continued hoarding of unwanted appliances due to lack of disposal outlets, and the illegal disposal of appliances in Nebraska ditches continues to be a problem.

There are scrap metal yards throughout the state that collect scrap metal and pay the generators of the scrap metal a nominal amount for the metal. Some of these firms will take appliances. Freon-containing appliances are taken for a fee that covers the safe disposal of the refrigerant.

The City of Lincoln Solid Waste Operations has an appliance de-manufacturing facility in which mercury switches, PCB ballasts, and Freon is removed and properly disposed of prior to recycling through a private scrap metal yard.

The Nebraska Public Power District used an NDEQ grant to collect and recycle 1,817 refrigerators in their service area amounting to 263,945 pounds of appliances in 2009. Funds were used for advertising, collection and recycling fees. See Appendix B for a summary of grant-funded appliance recycling from 2007-2010 in Nebraska.

Some appliance retailers will take the old appliance from the consumer and recycle them. This is generally considered part of the service provided in the purchase of the new appliance or is provided at a nominal fee. The old appliances are generally recycled through local or regional scrap metal yards.

Status Nationwide

There are no product stewardship laws in the U.S. for household appliances, though this product category is on the list to be subject to EPR requirements in Canada in the near future. In the U.S., federal law regulates³ some of the component materials of household appliances. Private companies operate recovery and recycling programs of appliances nationwide, such as the Appliance Recycling Centers of America (ARCA)⁴ which operates turnkey appliance collection and recycling programs for retailers, utilities and municipalities. The U.S. Environmental Protection Agency (US EPA) operates the Responsible Appliance Disposal Program (RAD) which is a voluntary partnership program working to reduce unlawful and hazardous disposal of household appliances. The US EPA has partnered with several utility and retail businesses and to promote safe disposal of appliances. State government agencies can also partner with RAD to increase environmental benefits in the state. For more information on the US EPA RAD program refer to <http://www.epa.gov/ozone/partnerships/rad/index.html>.

Automobile Switches

Status in Nebraska

NDEQ has worked in coordination with the national End of Life Vehicles Solutions Corporation (ELVS) program to promote mercury switch recovery from scrap vehicles.⁵ ELVS provides collection buckets to vehicle recyclers in Nebraska, and pays for the cost of transportation, recycling, or disposal of mercury from the recovered switches.⁶ For additional information refer to www.elvsolutions.org.

Status Nationwide

The National Vehicle Mercury Switch Recovery Program (NVMSRP) is a multi-stakeholder collaboration developed in 2006 to recover mercury switches from scrap vehicles.⁷ NVMSRP is carried out nationally by the ELVS program. Eight states have passed laws which require the ELVS program to offer a cash incentive to encourage vehicle recyclers to remove and recycle the mercury switches.

³ 69 FR 11978

⁴ <http://www.arcainc.com/home.html>

⁵ <http://www.elvsolutions.org/nebraska.htm>

⁶

<http://www.deq.state.ne.us/AirWaves.nsf/66f49af6ce2a8f80862573230053ebbc/af1e79489508954f86257323005b6adc?OpenDocument>

⁷ [http://www.elvsolutions.org/Mercury%20Switch%20Recovery-%20annual%20report%20\(final\).pdf](http://www.elvsolutions.org/Mercury%20Switch%20Recovery-%20annual%20report%20(final).pdf)

Batteries

Status in Nebraska

Button cell batteries, used in watches, hearing aides and miniature electronics are generally accepted and recycled from the public at no cost at household hazardous waste collection events/facilities and retailers, including jewelry stores. This type of battery has enough high value metal to balance the cost of recycling.

Most local governments rely on the private sector to properly recycle **lead-acid batteries**. Retailers of lead-acid batteries accept used batteries at no cost when a new battery is purchased, if a core or exchange battery is present. These batteries are then recycled by the retailer through regional or national lead-acid battery recyclers. Lead-acid batteries are also accepted at household hazardous waste events and facilities, sometimes providing a small amount of revenue from the recycled lead.

Primary cell batteries such as the single use alkaline, or “heavy duty” AAA, AA, C, D, and 9-volt cells are generally not accepted for proper disposal or recycling at any commercial or government program in Nebraska. The manufacturing industry repeatedly reports that batteries of this type are not hazardous, however from a resource management and from a public education standpoint, a message of “recycle all batteries” would be beneficial.

Some businesses that sell **secondary or rechargeable batteries**, including small gel-cell batteries, also collect used batteries from their customers at no cost through the nationally available Call2Recycle program, explained further below. In 2009 there were 451 active Call2Recycle collection sites in Nebraska. Nebraska’s HHW facilities also act as Call2Recycle collection points.

All Nebraska municipalities and county governments could sign up to be public collection points in the Call2Recycle program and ease the recycling of internally generated rechargeable batteries. WasteCap offers private businesses collection boxes for their employees. They also offer the boxes to local retailers to encourage the public to recycle in stores.

Status Nationwide

Voluntary recycling programs for rechargeable batteries are available nationally through Call2Recycle, an industry-run product stewardship program. Ten states have laws that require manufacturers to provide this service for at least some types of rechargeable batteries. New York City and California both require retailers to serve as collection locations. They use the Call2Recycle program to meet this requirement. For more information on the Call2Recycle program, including how to request a collection box, please see: <http://www.call2recycle.org/>. In 2010, California considered legislation that would require the manufacturers of primary batteries to develop a product stewardship program. Although this legislation did not pass, the trend in several Canadian provinces is to require manufacturers to collect both types of batteries. For more information on product stewardship programs for batteries, please see PSI’s battery webpage: <http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=609>

Cellular Phones

Status in Nebraska

State and local organizations recycle cellular phones used internally, but do not accept them from the public.

Non-profit organizations have established collection drives for old cellular phones as fundraisers. They generally ship the cellular phones collected to a cell phone reuse and/or remanufacturing facility. Because consumers often want a new phone before their existing device has reached the end of its useful life, many phones still have value and demand in a reuse market. WasteCap works with private businesses to place collection boxes so employees can recycle old phones and peripheral items. Several KAB Affiliates collect cell phones and peripherals on an ongoing basis.

Most cellular retailers in the state offer recycling programs for old cellular phones at no cost. However, it is rare that they provide any encouragement to recycle when selling a new phone. Target, Staples, and Best Buy stores nationwide have collection points in their vestibules for cell phones, small electronic devices (such as MP3 players), and rechargeable batteries.

Status Nationwide

There is no federal legislation requiring cell phone collection, however three states have passed legislation mandating retailer take-back of cell phones.⁸ There are a number of voluntary cell phone take-back programs operated by companies such as Best Buy, Staples, and FedEx Kinko's. Retailers typically use the Call2Recycle program because they can collect batteries and cell phones in the same box with one recycler.

Compact Fluorescent Lamps (CFLs) and Fluorescent Tubes

Status in Nebraska

The Nebraska Environmental Trust has provided 3 year grant funding to WasteCap Nebraska to develop a "take-it-back" network of hardware stores that collect compact fluorescent bulbs and fluorescent tubes from the public. Known as "[Another Bright Idea](#)," this program seeks to meet the need for a consumer-friendly recycling option for compact fluorescent light bulbs and linear tubes in Nebraska. During the initial five-month collection period in 2009 and 2010, a total of 735 pounds of fluorescent lighting (1,107 units) were collected at 23 locations. In addition to the collection and recycling, grant funds are used for start-up costs such as, collection supplies, personnel, and public education. WasteCap has partnered with the Omaha Public Library system and Lincoln hardware stores to coordinate a network of drop-off locations especially tailored to individual households. In Lincoln and other hardware-store-based collection points, grant funds cover the cost to transport and recycle the CFLs collected in the program; in the future, this cost will either be passed on to the consumer or financed through a manufacturer-financed product stewardship program. Linear tubes are also collected, but at a charge to the consumer. In Omaha, all costs to recycle the bulbs are paid by Under The Sink, the City's household hazardous waste facility. As of August 5, 2010, there were 33 collection sites in Nebraska. For more information about state grants for programs involving CFL and linear tube recycling, please see Appendix C.

⁸ INFORM. 2008. "Cell Phone Take-Back Programs in New York City" Available online. URL: http://www.informinc.org/pdfs/Cell_Phone_Report_FINAL_Sept_29.pdf

The goal for CFL collection is to create a statewide network of 100 or more conveniently-located drop-off sites along with strategically-located consolidation points for the lamps before they are sent to recycling facilities. The program is being aggressively advertised, with ads running on Time Warner Cable in Lincoln and Cox Cable in Omaha. Future plans to raise awareness of the program include statewide radio, statewide billboards, Facebook, and statewide broadcast television.

For businesses, fluorescent bulbs are classified as a “universal waste” where regulations allow greater latitude in handling, storage and disposal of potentially hazardous material in order to promote preferable recycling opportunities. Larger businesses tend to use recycling service providers to take their burned out lamps; however small and medium-sized businesses that do not generate as much waste also need options for recycling fluorescent lamps. Sites that will accept business-generated lamps are also being identified as part of the WasteCap project. Several KAB Affiliates have on-going collection of CFLs through a mail-back bucket program, as well.

Nationwide

Consumer fluorescent lamps, including both CFLs and linear tubes, are being collected and recycled at numerous types of collection points around the country. Most of these programs are local or regional, and have been developed through partnerships among local government, retailers, and utilities or energy efficiency programs (among others). Maine requires manufacturers pay for recycling programs for households, while Washington requires manufactures also fund programs for small businesses or organizations. The Home Depot and Lowe’s also provide collection and recycling of CFLs only (not linear tubes) at their locations across the country. For more information about product stewardship programs for CFLs and linear fluorescent bulbs, please go to PSI’s webpage:

<http://productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=271>

Electronic Waste

Status in Nebraska

Electronic devices contain valuable materials such as gold, silver, and copper that can be remanufactured at the end of the product’s useful life. The value of these materials has allowed for-profit businesses to provide a disposal opportunity for electronic devices. Electronics recyclers generally charge by the pound, or by the type of item. Unfortunately, questions about environmental harm caused by the inappropriate disposal of recyclables have plagued the industry. These businesses rarely exist outside Lincoln or Omaha, and open and close in rapid succession.

NDEQ and the Nebraska Environmental Trust have provided funds for e-waste collection events. These events are sponsored by regional governmental organizations or local NGO’s. Appendix A summarizes grants provided by these agencies during the last three years. At least eight KAB Affiliates have one or more electronic collections each year.

WasteCap’s E-scrap Nebraska project seeks to develop electronics recycling infrastructure, increase electronics recycling awareness, increase access to environmentally safe recycling options, and provide a funding mechanism for local communities to host electronics collection events. WasteCap achieves this by (1) developing a statewide education and marketing program

to create a consistent message regarding electronics recycling in Nebraska, (2) developing a set of minimum performance standards for electronics recyclers, and (3) administering a small grant program for computer collection events in local communities. The project will fund as many as 18 electronics collection events from July 2009 through June 2011.

Based on grant data from the NDEQ and Nebraska Environmental Trust, a total of 30 communities held electronic collection events in 2009. A total of 425,028 pounds of electronics were recycled during these collection events. See Appendix D for more information on state grants for electronics recycling programs.

Status Nationwide

US EPA has developed a coordinating program, eCycling, between local and state governments, producers, manufacturers, and retailers to promote electronics recycling. Many national manufacturers of computer equipment such as Hewlett-Packard, Dell, and IBM allow for consumers to mail-in old equipment for recycling. The manufacturers generally cover the cost of shipping for the computer equipment. Best Buy and Staples provide recycling services for computer equipment for a small fee (sometimes offset by a coupon).

The lack of national legislation has resulted in a patchwork of laws throughout the country, making it difficult for manufacturers to design programs around the specific nuances of legislation in each state. There are currently 23 states with EPR laws for electronic waste, though they vary in exactly what they require of the manufacturers. Some laws require only that manufacturers provide take-back programs for consumers with no fee, while others set more specific requirements for the manufacturers to meet. For more information about product stewardship programs for electronics, please go to the PSI webpage: <http://productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=64>

Paint

Paint falls in two categories, non-hazardous latex paint that is a nuisance to dispose, and alkyd (oil based) that is treated as hazardous material for disposal due to its volatile organic compounds (VOC) and its flammable potential.

Status in Nebraska

NDEQ has provided grant funds to research disposal alternatives for paint.

Some KAB affiliates, EcoStores Nebraska and other local government programs facilitate Paint Drop and Swap events on an annual basis.

In Omaha, Under The Sink collects both types of paint. Under The Sink pays for the proper disposal of alkyd paint, shipping it to Oklahoma for incineration. Latex paint is bulked and re-purposed as a component in an alternative daily cover at the Sarpy County landfill. A total of 212,186 pounds of paint was collected in 2009 by the Under The Sink program. See Appendix E for a list of grant-funded HHW collection facilities and collection events.

Status Nationwide

Since December 2003, PSI has facilitated a national dialogue with US EPA, state and local governments, manufacturers, retailers, paint recyclers, and contractors to develop leftover paint management solutions that are both financially and environmentally sustainable. These discussions resulted in the first Paint Product Stewardship legislation passed in Oregon in the summer of 2009. Notably, the American Coatings Association supported the legislation. The program went into effect in July 2010, and is currently being evaluated. California passed the second law in 2010. The hope is that eventually there will be paint stewardship programs across the country based on the lessons learned in Oregon. For more information about paint product stewardship programs, please go to the PSI webpage on paint:

<http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=116>

Pesticides Chemical Containers

Status in Nebraska

The University of Nebraska-Lincoln Extension in Lancaster County coordinates a statewide pesticide container collection program. The UNL program is funded by the Agricultural Container Research Council, a national coalition of agrichemical manufacturers. They have contracted with Container Services Network to collect the plastic chemical containers. There are 40 collection locations statewide. Local distributors aid UNL Extension by informing customers about recycling opportunities for the pesticide containers. There is no fee to users for recycling the containers.

The UNL Extension program has operated for 18 years and has collected a total of 950 tons of plastic pesticide containers. Plastic from collected containers is used to make industrial and consumer products such as shipping pallets, drain tile, dimension lumber and parking lot tire bumpers. Recycling sites, guidelines and program details are on UNL's Pesticide Education Resources website at: <http://pested.unl.edu/pesticide/pages/index.jsp>.

Status Nationwide

In California, effective January 1, 2009, all first-sellers of agricultural pesticide products must participate in a certified HDPE recycling program and submit annual certification documents to ensure compliance. A number of other states have pesticide container recycling programs similar to that of the UNL Extension program. For more information on product stewardship programs relating to pesticide use, storage, and disposal, please go to the PSI pesticides webpage:

<http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=176>

Pharmaceuticals

Status in Nebraska

NDEQ provided grants to develop a statewide education program about the proper disposal of pharmaceuticals. This was in cooperation with the Nebraska MEDS (Medication Education and Disposal Strategies) group that is composed of several statewide stakeholders. This includes representatives from the following organizations and government entities: Nebraska Pharmacists Association, NDEQ, Nebraska Regional Poison Center, Nebraska Board of Pharmacy, and the Groundwater Foundation and the Lincoln-Lancaster County Health Department. Information about the program is available at: www.nebraskameds.org.

The Nebraska MEDS group recently made the decision to apply for grant funds via NDEQ/NPS Section 319 and Nebraska Environmental Trust funds for the development and implementation of a pilot pharmaceutical take-back project in Lincoln and Lancaster County. Two factors are currently driving the project. They include a July 12, 2010 decision by the Nebraska Board of Pharmacy that unanimously determined that current Nebraska statute allows for the return of non-controlled medications to the dispensing pharmacy and an ongoing pharmaceutical return project in Iowa called the Iowa *TakeAway Environmental Return System*. To date, the Iowa project has signed on more than 400 pharmacies (one in every county) in Iowa. They properly disposed of more than 6,000 pounds of unwanted medications so far.

If funds become available, the Nebraska MEDS group will work to duplicate the success of the Iowa project in addition to modifying the project where the Iowa approach falls short. This will include working with area pharmacies, both corporate and independent, in providing a year-round safe and legal medication disposal system. The Lincoln and Lancaster County pilot will serve as a model for a possible statewide pharmaceutical waste disposal system.

The NDEQ has also provided grants for local organizations to offset the cost of pharmaceutical collection events. At least four KAB affiliates have held pharmaceutical collection events during the past year; KAB will produce a brochure and other public awareness materials in the near future. In communities where local law enforcement officers are willing to participate, special pharmaceutical events have been held to collect controlled substances.⁹ This includes the September 25, 2010 one-day National Medication Take Back Day sponsored by the Drug Enforcement Administration. Four Walgreens participated in this event in Lincoln with higher participation rates than anticipated. Some communities that sponsored household hazardous waste collections also collected pharmaceuticals. For information on all of the grant funding provided in the state for programs involving pharmaceutical take-back, please see Appendix F.

In 2009, five communities sponsored pharmaceutical collections. One collection reported number of pills or medications collected, while others reported the pounds of pharmaceuticals collected or did not report anything. According to Keep Scottsbluff-Gering Beautiful, their program collected a total of 1,350 pounds from approximately 200 participants in the spring of 2010. The inconsistency in reporting has made it difficult to accurately track statewide collection data.

Status Nationwide

Pharmaceutical collection programs are happening across the country, and examples can be found on PSI's drug take-back website at: http://takebacknetwork.com/local_efforts.html. Similar to the fluorescent lamp collections, these are typically local or regional programs and based on the development of local partnerships and funding sources. Pharmacies are increasingly playing a role as collection sites, or, in some cases, they distribute envelopes for patients to mail their leftover drugs back to a reverse distributor or other facility where they will be destroyed.

⁹ Currently, the federal Controlled Substances Act prohibits the collection of this subset of drugs (characterized by their high rates of abuse and addiction) by anyone but law enforcement. See 15 U.S.C. §2601 et seq. (1976). 21 USC Ch. 13. Controlled Substances Act.
<http://www.justice.gov/dea/pubs/csa.html><http://www.epa.gov/lawsregs/laws/tsca.html>

Seven states have considered EPR legislation for pharmaceuticals, though none have passed. Examples of EPR for pharmaceuticals can be found in Canada and Europe.

Recently, Congress passed legislation to change the Controlled Substances Act, thereby allowing for more options for collection of these drugs than just law enforcement. PSI has [recommended factors that should be considered](#) in developing new laws and rules, and worked closely with Congressional offices, the Administration, and a unique coalition of state and local agencies, organizations, and companies to effect this change. PSI will continue to provide information from its members and partners to inform the rule-making process. For more information about national product stewardship programs for pharmaceuticals, please go to the PSI pharmaceuticals webpage at

<http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=181> or PSI's webpage for the drug take-back network at <http://www.takebacknetwork.com/>.

Telephone Directories

Status in Nebraska

Some municipal recycling programs accept telephone directories as part of residential mixed paper. In addition, some directory publishers set up recycling programs when they distribute their directories locally. They may also make a monetary contribution to local recycling programs that accept telephone directories as part of their services.

In southeast Nebraska, Yellow Pages Direct worked with the regional phone company, Windstream, and with Recycling Enterprises to set up a telephone directory recycling program. Six collection containers were located at the city's Community Recreation Centers for six weeks. A total of 5,500 pounds of unwanted telephone directories were collected. Recycling Enterprises estimates they processed roughly 70,000 pounds of phone directories that came from businesses, Windstream, and the local drop-off sites. Yellow Pages Direct provided \$1,000 to the host collection sites.

Status Nationwide

Several state and local governments are currently developing opt-out legislation to manage the cost of collection and recycling from unwanted telephone directories. Opt-out legislation allows consumers who do not desire a phone book the opportunity to opt-out of receiving a directory. The legislation can also be used to limit materials that will pose an unreasonable burden to recycle, prohibit inks that may contain chemicals, assess fees for recycling and collection, and create mandatory recycled content standards. Other strategies include increasing recycling options, such as expanding curbside collection programs and holding periodic collection events. In 2006, the National Waste Prevention Coalition approached PSI to help them reduce phone book waste. After two PSI-facilitated meetings, directory publishers agreed to implement an opt-out provision allowing consumers to say "no" to telephone book delivery, increase phone book recycling, and enhance the sustainable production of the books. While the industry has put in place the first-ever opt-out system, it has resisted PSI's efforts to ensure that the system is effective. PSI has therefore embarked on a four-part strategy: (1) partner with Catalog Choice--a non-profit organization that allows consumers to opt-out of receiving direct mail--to promote the industry phone book opt-out system and track system performance; (2)

develop model legislation that includes opt-out and opt-in provisions for white pages and yellow pages, as well as producer-financed recycling; (3) continue to communicate directly with phone book publishers and seek joint strategies; and (4) enhance PSI's clearinghouse of phone book information. For more information on the phone book product stewardship program, please go to PSI's webpage at

<http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=186>

Thermostats

Status in Nebraska

The Health and Human Services Department promotes the program established by the national Thermostat Recycling Corporation (TRC): a non-profit, producer responsibility organization that facilitates collection and disposal of mercury containing thermostats. Many Nebraska heating and air conditioner contractors participate in the program. Consumers are not assessed a fee for recycling a thermostat. Please see Appendix G for a list of locations in Nebraska that provide recycling services of mercury thermostats. More information on these collection sites is available at <http://www.dhhs.ne.gov/mercury/DropOffSites.pdf>. Thermostats can also be put in the Bucket Program receptacles being distributed throughout the state by KNB and the DHHS through the School Chemical Cleanout Campaign Program.

Status Nationwide

TRC has worked with several state and local governments to promote thermostat collection and recycling programs, and develop legislation on thermostat collection and recycling. Eight states have passed laws requiring TRC to operate in their state, and set various requirements for contractors and wholesalers, as well as target collection goals for TRC to meet. These laws are based on a model developed by PSI through a multi-stakeholder negotiation in 2006. In 2008, TRC recorded 135,604 thermostats collected nationally; 998 of which were collected in Nebraska.¹⁰ For more information on product stewardship programs for thermostats, please go to PSI's webpage at

<http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=337>

Toner and Ink Cartridges

Status in Nebraska

Companies and organizations are taking the lead on recycling toner and ink cartridges, which have the benefit of being refillable. There are a number of non-profit organizations that collect print cartridges and send them to local or regional recyclers as a fundraising effort. Local retailers, such as Walgreens, are collecting and recycling print cartridges and offer refilling of print cartridges for a fee. Several KAB Affiliates, WasteCap, schools and other non-profits have on-going toner/ink cartridge collections. Some retailers, such as Office Depot, also offer a discount on paper purchases when the customer recycles ink-jet cartridges.

Status Nationwide

Because of the ability to refill and re-sell used cartridges, industry is taking the lead in collecting and recycling these products. Staples, Best Buy, Hewlett-Packard, and Dell all receive used ink cartridges through in-store drop off or mail-in options which are offered nationwide. Private

¹⁰ http://www.thermostat-recycle.org/files/u3/2008_TRC_Annual_Report.pdf

companies find economic benefit in recycling or refilling used ink cartridges and, as such, the industry take-back programs have diverted used cartridges from general waste streams.

Tires

Status in Nebraska

Nebraska law prohibits the disposal of tires in landfills as part of the Solid Waste Management Act. This ban went into effect in 1998. An advanced disposal fee of \$1 per car passenger tire is assessed by tire retailers. This money goes to the NDEQ to fund tire clean-ups, and to partially reimburse manufacturers for recycled tires used in new products. Waste tires are used to make rubberized asphalt roadways, running tracks, playground mats and crumb rubber for football fields.

Some local governments and NGOs have sponsored tire “amnesty-day” clean up events in which the public can drop off and recycle their scrap tires at no cost.

Tire distributors and retailers recycle used tires generated from their business. They generally charge a fee of \$2.00 to the consumer to cover the cost of transportation and disposal of the tires.

Between 2007 and 2009 a total of 138 tire-collection events were held, with a total of 1,921,042 tires collected. NDEQ funded these collections at a cost of \$1,992,093. In 2009, tire collection events hit a three-year high: some 59 collection events recovered 767,131 tires at a cost of \$769,809. For more information about grant programs for tire recycling, please see Appendix H.

Nationwide

Scrap tires, as solid waste, are handled primarily by state governments. Currently, 48 states have laws regulating the management of scrap tires. Some automotive dealers may take back old tires in partial trade for new ones, as they can make money by recapping and retreading the tires for reuse (although this is generally limited to larger truck tires). Otherwise, many private tire recycling companies nationwide accept old tires for processing into fuel or for civil engineering applications such as rubberized asphalt. For more information about national product stewardship programs for tires, please go to PSI’s webpage at <http://www.productstewardship.us/displaycommon.cfm?an=1&subarticlenbr=197>

Used Oil

Status in Nebraska

NDEQ has provided grant funds to Keep Nebraska Beautiful to develop the Nebraska Used Oil Collection program. KNB has recruited 67 government agencies throughout the state to host a used oil collection tank. KNB then solicits bids from oil recyclers to collect the oil and antifreeze from the host locations. Oil tank hosts are paid a nominal amount per gallon from the recycler. The host locations typically collect between 30,000 and 60,000 gallons of oil from roughly 2,500 participants per quarter. In 2009, 178,251 gallons of oil were collected. For more information about the grant funding provided for programs involving used oil collection, please see Appendix I.

Some auto repair shops, farm cooperatives and auto parts stores accept used motor oil at no cost to the consumer for recycling. The amount of oil recycled through their efforts is not tracked.

Nationwide

Federal regulations exist in the United States to ensure the proper management of used motor oil by industrial and commercial sources, such as automotive repair garages. For consumers that change their own motor oil at home, used motor oil is accepted for recycling at some service stations and most municipal household hazardous waste collection sites. Used motor oil may be burned for fuel, used as a fuel source in asphalt production, or re-refined for use as a lubricating oil base.

The Future of Product Stewardship in Nebraska

There are several voluntary national product stewardship programs that are not being fully utilized in Nebraska¹¹. There are a number of local non-profit organizations, as well as local governments and regional organizations that are providing quality services to Nebraska residents for the proper disposal and recycling of their household hazardous waste and problem waste. Unfortunately, these programs rely heavily on grants from the NDEQ and the NET and these grants are not a reliable funding source for on-going programs. In addition, it is difficult for local governments to start new programs or services during times of reduced budgets and a poor national economy.

Current collection programs in the state for various materials do not fully reflect the product stewardship model because they do not share proportional responsibility with industry. These programs, however, do provide the necessary infrastructure for future industry-operated product stewardship programs, by developing sustainable end-of-life solutions for consumer products. The Nebraska Product Stewardship Initiative aims to strengthen these existing product collection programs, and, in doing so, build capacity for product stewardship program complete systems for extended producer responsibility.

¹¹Appendix J summarizes product collection programs currently available

Appendices

Appendix A	List of Nebraska Product Stewardship Leadership and Management Team
Appendix B	Grant programs for appliance recycling
Appendix C	Grant programs for CFL & linear fluorescent bulb recycling
Appendix D	Grant programs for electronics recycling
Appendix E	Grant programs for HHW recycling
Appendix F	Grant programs for pharmaceutical take-back
Appendix G	Thermostat drop-off locations in Nebraska
Appendix H	Grant programs for tire recycling
Appendix I	Grant programs for used oil collection and recycling
Appendix J	Table summarizing collection programs available by product and sector

Appendix A: Leadership and Management Team

Leadership and Management Team

Lash Chaffin,	League of Nebraska Municipalities
Steve Danahy,	Nebraska Department of Environmental Quality
Julie Diegel,	WasteCap Nebraska
Paul Dunn,	City of Omaha/Nebraska Environmental Trust
Carrie Hakenkamp,	WasteCap Nebraska
Gene Hanlon,	City of Lincoln
Jennifer Hoevet,	SWANA Nebraska Cornhusker Chapter/Olsson Associates
Dan King,	Lincoln-Lancaster County Health Department
Jane Polson,	Keep Nebraska Beautiful

Product Stewardship Institute (PSI) Scott Cassel, Sierra Fletcher, and
Caitlin McAllister

Appendix B: Grant Programs for Appliance Recycling

**Nebraska Department of Environmental Quality
2007 - 2010 Grant Funds Awarded for Projects Involving Appliance Recycling**

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
2007						
	NONE					
2008						
	\$200,000.00	WRR	Nebraska Public Power District	Columbus	Program to replace and recycle old refrigerators	Platte
2009						
	\$200,000.00	WRR	Nebraska Public Power District	Columbus	Program to replace and recycle old refrigerators	Platte
	\$11,400.00	WRR	Nucor Corporation	Norfolk	One electronics and white goods collection event	Madison
2010						
	\$100,000.00	LRR	U.S. Recycling Company	Ogallala	Metal logger/baler to process white goods	Keith

Program: **LRR** Litter Reduction and Recycling Grant Program
 WRR Waste Reduction and Recycling Incentive Grants Program

Appendix C: Grant Programs for CFL Linear Tube Recycling

**2007- 2010 Grant Funds Awarded for Projects Involving Compact Fluorescent Lamp (CFL) and Fluorescent Lamp Recycling
Nebraska Department of Environmental Quality**

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
2007	NONE					
2008	\$4,130.00	LRR	Foundation for Thayer Co Health Serv	Hebron	Purchase containers for disposal of lamps & ballasts.	Thayer
	\$40,000.00	WRR	Nebraska Public Power District	Columbus	\$2/unit incentive at the register to encourage customers to buy CFL's.	Platte
Statewide						
2009	\$9,075.00	LRR	Keep Columbus Beautiful	Columbus	Two electronic and CFL collection events	Platte
2010	NONE					
Program:	LRR Litter Reduction and Recycling Grant Program					
	WRR Waste Reduction and Recycling Incentive Grants Program					

Nebraska Environmental Trust

Grant Year	Grant Amount		Grant Recipient	City	Grant Description	Counties Served
2009	\$439,842.00		WasteCap Nebraska	Lincoln	12 electronics recycling collection events through the small grants program and establish 100 fluorescent lighting collection locations through local retailers	Statewide

2007- 2010 Grant Funds Awarded for Projects Involving Electronics Recycling
Nebraska Department of Environmental Quality

Appendix D: Grant Programs for Electronics Recycling

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
2007						
	\$45,000.00	LRR	Carpet Pad Recovery, LLC	Omaha	3 drop-off sites in the Omaha area for electronics recycling.	Douglas
	\$8,000.00	WRR	Computers for Africa	Omaha	Refurbish computers and ship to rural schools in Africa	Douglas
	\$100,000.00	WRR	Gr. Island Clean Community System	Gr. Island	10 household hazardous waste and electronic waste collections	Hall
	\$10,000.00	WRR	I-Manage, LLC	Omaha	Buy a shredder for certified data destruction of hard drives.	Douglas
	\$30,000.00	LRR	Keep Alliance Beautiful	Alliance	Purchase a recycling trailer and host an electronics collection for Alliance.	Box Butte
	\$4,353.00	LRR	Keep Beatrice Beautiful	Beatrice	1 electronics collection event in Beatrice	Gage
	\$10,462.00	LRR	Keep Columbus Beautiful	Columbus	2 one-day computer and electronics recycling events	Platte
	\$74,745.00	WRR	Keep Nebraska Beautiful	Lincoln	Materials Exchange Program (Approx. 1% electronics and computers exchanged)	Statewide
	\$20,000.00	WRR	Keep No. Platte-Lincoln Co. Beautiful	No. Platte	2 household hazardous waste & electronics collections	Lincoln
	\$4,000.00	LRR	Keep Schuyler Beautiful	Schuyler	1 electronic waste collection for Schuyler and surrounding area	Colfax
	\$16,000.00	LRR	Keep Scottsbluff-Gering Beautiful	Scottsbluff	Purchase recycling bins and conduct an electronics collection event	Scottsbluff
	\$28,499.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 household hazardous waste collections, including electronics	Dawson
	\$75,000.00	LRR	Lincoln Action Program, Inc.	Lincoln	Refurbish computers to enable families to increase employment skills.	Lancaster
	\$18,173.00	LRR	Nemaha Natural Resources District	Tecumseh	8 household hazardous waste collection events, including electronics	Johnson
	\$7,979.00	WRR	PrairieLand RC & D Council	Madison	1 electronic waste collection in the six-county PrairieLand RC & D area.	Madison
						Cass, Gage, Johnson, Lancaster Nemaha, Otoe, Pawnee, Richardson Boone, Colfax, Madison, Nance, Platte, Stanton
2008						
	\$10,363.00	LRR	Butler County Extension Office	David City	1 household hazardous waste and electronics collection event	Butler
	\$34,759.00	LRR	Keep Alliance Beautiful	Alliance	Continue recycling program in Alliance and fund one electronics collection event	Box Butte
	\$40,518.00	LRR	Grand Island Clean Community System	Gr. Island	9 household hazardous waste collection events, including electronics	Hall
	\$10,574.00	LRR	Keep Columbus Beautiful	Columbus	2 electronics recycling collection events	Platte
	\$74,637.00	WRR	Keep Nebraska Beautiful	Lincoln	Materials Exchange Program (Approx. 1% electronics and computers exchanged)	Statewide
	\$19,875.00	WRR	Keep No. Platte-Lincoln Co. Beautiful	No. Platte	2 household hazardous waste and electronics collection events	Lincoln
	\$5,000.00	LRR	Keep Schuyler Beautiful	Schuyler	3 electronics recycling collection events	Colfax
	\$22,206.00	LRR	Keep Scottsbluff-Gering Beautiful	Scottsbluff	1 electronics recycling and pharmaceutical waste collection event	Scottsbluff
	\$25,674.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 household hazardous waste and electronics recycling collection events	Dawson
	\$80,000.00	LRR	Lincoln Action Program, Inc.	Lincoln	Expand technology enrichment of antiquated computer hardware program	Lancaster
	\$3,750.00	WRR	Nebraska Loess Hills RC & D	Oakland	1 electronics recycling collection event	Burt
	\$13,286.00	LRR	Northeast Nebraska RC & D Council	Plainview	3 electronics recycling collection events	Pierce
	\$11,400.00	WRR	Nucor Coproration	Norfolk	1 electronics and white goods collection event	Madison
	\$7,500.00	WRR	PrairieLand RC & D	Madison	1 electronics recycling collection event for six counties	Madison
	\$8,625.00	WRR	TechWare Recycling, Inc.	Lincoln	Purchase a hard disk crusher for security destruction from computers	Lancaster
						Burt, Cuming, Dakota, Dodge, Thurston, Washington Antelope, Cedar, Dixon, Knox, Pierce, Wayne Boone, Colfax, Madison, Nance, Platte, Stanton
Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
2009						
	\$80,000.00	WRR	Gr. Island Clean Community System	Gr. Island	6 HHW and electronics collections	Hall
	\$35,000.00	LRR	Gr. Island Clean Community System	Gr. Island	8 HHW collection events including electronics and pharmaceuticals.	Hall
	\$25,000.00	LRR	Keep Alliance Beautiful	Alliance	Collection of electronics added at the new community recycling center	Box Butte
	\$8,000.00	LRR	Keep Beatrice Beautiful	Beatrice	1 electronics collection and pharmaceutical take back event	Gage
	\$3,861.00	LRR	Keep Chadron Beautiful	Chadron	1 electronics collection event for Dawes County	Dawes
	\$9,075.00	LRR	Keep Columbus Beautiful	Columbus	2 electronics and CFL collection events	Platte
	\$73,757.00	WRR	Keep Nebraska Beautiful	Lincoln	Materials Exchange Program (approx. 1% electronics and computers exchanged)	Statewide
	\$5,000.00	LRR	Keep Schuyler Beautiful	Schuyler	1 electronics collection event	Colfax
	\$30,000.00	LRR	Keep Scottsbluff-Gerling Beautiful	Scottsbluff	1 electronics and pharmaceutical take back event	Scotts Bluff
	\$26,453.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 HHW and electronics collections	Dawson
	\$40,000.00	LRR	Lincoln Action Program, Inc.	Lincoln	Continue technology enrichment of antiquated computer hardware program	Lancaster
	\$2,850.00	WRR	Nebraska Loess Hills RC & D	Oakland	1 electronics collection event	Burt
	\$5,000.00	LRR	North Central Nebr RC & D Council	Bassett	1 electronics collection event	Rock
	\$8,000.00	LRR	Northeast Nebraska RC & D Council	Plainview	3 electronics collection events	Pierce
	\$5,000.00	LRR	Nucor Corporation	Norfolk	3 electronics collection events	Madison
	\$8,450.00	WRR	PrairieLand RC & D	Madison	2 electronics collection events for 6 counties	Madison
	\$10,699.00	LRR	Southwest Nebr Public Health Dept	McCook	8 electronics collection events	Red Willow
	\$50,000.00	LRR	TechWare Recycling, Inc.	Lincoln	Operating expenses and equipment to run an electronics recycling business	Lancaster
						Burt, Cuming, Dakota, Dodge, Thurston, Washington Boyd, Brown, Cherry, Holt, Keya Paha, Rock Antelope, Cedar, Dixon, Knox, Pierce, Wayne Boone, Colfax, Madison, Nance, Platte, Stanton Chase, Dundy, Frontier, Furnas, Hayes, Hitchcock, Perkins and Red Willow

Appendix D: Grant Programs for Electronics Recycling

2010

\$21,030.00	LRR	Carpet Pad Recovery, LLC	Omaha	1 electronics recycling collection event for Lincoln	Douglas
\$74,160.00	LRR	Carpet Pad Recovery, LLC	Omaha	1 electronics recycling collection event for Omaha	Douglas
\$4,606.00	LRR	Keep Chadron Beautiful	Chadron	1 electronics collection event	Dawes
\$4,400.00	LRR	Keep Keith County Beautiful	Ogallala	1 electronics collection event	Keith
\$35,885.00	LRR	Keep Scottsbluff-Gerling Beautiful	Scottsbluff	1 electronics and pharmaceutical take back event	Scotts Bluff

Program: LRR Litter Reduction and Recycling Grant Program
 WRR Waste Reduction and Recycling Incentive Grants Program

Nebraska Environmental Trust

Grant Year	Grant Amount	Grant Recipient	City	Grant Description	Counties Served
2008	\$74,854.00	WasteCap Nebraska	Lincoln	3-year grant to develop electronics recycling infrastructure	Statewide
2009	\$439,842.00	WasteCap Nebraska	Lincoln	12 electronics recycling collection events through the small grants program and establish 100 fluorescent lighting collection locations through local retailers	Statewide

2007- 2010 Grant Funds Awarded for Projects Involving Household Hazardous Waste Recycling

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
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2007

\$112,732.00	WRR	Beatrice Area Solid Waste Agency	Beatrice	Small building to house equip & supplies at Beatrice Recycle Center for HHW	Gage
\$64,203.00	WRR	City of Holdrege	Holdrege	Pilot project using HHW mobile trailer to service 4 counties	Phelps
\$277,000.00	WRR	City of Omaha	Omaha	Operating and disposal costs for the Omaha HHW facility	Douglas
\$5,866.00	WRR	City of Sidney	Sidney	1 HHW collection event	Cheyenne
\$100,000.00	WRR	Gr. Island Clean Community System	Gr. Island	10 HHW collection events	Hall
\$28,635.00	WRR	Keep Nebraska Beautiful	Lincoln	Development of the HHW collection program, including school chemical cleanout	Lancaster
\$20,000.00	WRR	Keep No. Platte-Lincoln Co Beautiful	N. Platte	2 HHW collection events	Lincoln
\$28,499.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 HHW collection events	Dawson
\$80,000.00	WRR	Lincoln-Lancaster Co. Health Dept.	Lincoln	8 HHW collection events	Lancaster
\$15,134.00	LRR	Lower Big Blue NRD	Davenport	3 HHW collection events	Thayer
\$11,925.00	LRR	Nebraska Loess Hills RC & D	Oakland	3 HHW collection events	Burt
\$18,173.00	LRR	Nemaha NRD	Tecumseh	8 HHW collection events	Johnson
\$11,668.00	LRR	Northeast Nebraska RC & D Council	Plainview	3 HHW collection events	Pierce
\$80,000.00	WRR	Red Willow County	McCook	25 HHW collection events	Red Willow
\$23,591.00	WRR	Trailblazer RC & D	Red Cloud	7 HHW collection events	Webster

Gage, Jefferson, Pawnee, Saline
 Burt, Cuming, Dakota, Dodge, Thurston, Washington
 Cass, Gage, Johnson, Lancaster Nemaha, Otoe, Pawnee, Richardson
 Antelope, Cedar, Dixon, Knox, Pierce, Wayne
 Clay, Fillmore, Franklin, Harlan, Nuckolls, Thayer, Webster

2008

\$10,363.00	LRR	Butler County Extension Office	David City	1 HHW and electronics collection event	Butler
\$277,000.00	WRR	City of Omaha	Omaha	Operating and disposal costs for the Omaha HHW facility	Douglas
\$62,500.00	WRR	Educational Service Unit #8	Neligh	School chemical cleanout campaign for 15 schools in ESU #1 and 8	Antelope
\$41,125.00	WRR	Educational Service Unit #9	Hastings	School chemical cleanout campaign for schools in ESU #9 and 11	Adams
\$40,518.00	WRR	Gr. Island Clean Community System	Gr. Island	9 HHW collection events	Hall
\$4,847.00	WRR	Keep Keith County Beautiful	Ogallala	1 HHW collection event	Keith
\$296,925.00	WRR	Keep Nebraska Beautiful	Lincoln	Development of HHW and school chemical cleanout program	Lancaster
\$19,875.00	WRR	Keep No. Platte-Lincoln Co. Beautiful	N. Platte	2 HHW collection events, including electronics	Lincoln
\$25,674.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 HHW collection events	Dawson
\$53,256.00	WRR	Lincoln-Lancaster Co. Health Dept.	Lincoln	8 HHW collection events	Lancaster
\$37,000.00	WRR	Lincoln-Lancaster Co. Health Dept.	Lincoln	Educational program to reduce generation of toxic & hazardous waste	Lancaster
\$16,066.00	WRR	Nebraska Loess Hills RC & D	Oakland	3 HHW collection events	Burt
\$10,278.00	WRR	Northeast Nebraska RC & D Council	Plainview	3 HHW collection events	Pierce
\$85,000.00	WRR	Red Willow County	McCook	20 HHW collection events	Red Willow
\$5,386.00	WRR	Keep Schuyler Beautiful	Schuyler	1 HHW collection event	Colfax

Burt, Cuming, Dakota, Dodge, Thurston, Washington
 Antelope, Cedar, Dixon, Knox, Pierce, Wayne

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
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2009

\$277,000.00	WRR	City of Omaha	Omaha	Operating and disposal costs for the Omaha HHW facility	Douglas
\$24,360.00	WRR	Educational Service Unit #10	Kearney	School chemical cleanout campaign for 7 schools in ESU #10 area	Buffalo
\$68,650.00	WRR	Educational Service Unit #16	Ogallala	School chemical cleanout campaign for 21 schools in ESU's #15, 16, & 17	Keith
\$41,625.00	WRR	Educational Service Unit #2	Fremont	School chemical cleanout campaign for schools in ESU #2 and 7	Dodge
\$35,000.00	LRR	Gr. Island Clean Community System	Gr. Island	8 HHW collection events, including pharmaceuticals and electronics	Hall
\$80,000.00	WRR	Gr. Island Clean Community System	Gr. Island	6 HHW and electronics collection events	Hall
\$10,000.00	WRR	Keep Columbus Beautiful	Columbus	1 HHW collection event	Platte
\$18,000.00	LRR	Keep Fremont Beautiful	Fremont	One HHW collection event	Dodge
\$4,377.00	WRR	Keep Keith County Beautiful	Ogallala	One HHW collection event	Keith
\$31,038.00	WRR	Keep Nebraska Beautiful	Lincoln	Development of HHW and school chemical cleanout program	Lancaster
\$26,453.00	WRR	Lexington Area Solid Waste Agency	Lexington	7 HHW collection events	Dawson
\$40,000.00	WRR	Lincoln-Lancaster Co. Health Dept.	Lincoln	Educational program to reduce generation of toxic & hazardous waste	Lancaster
\$58,725.00	WRR	Lincoln-Lancaster Co. Health Dept.	Lincoln	6 HHW collection events	Lancaster
\$10,000.00	LRR	Lower Big Blue NRD	Davenport	3 HHW collection events	Thayer
\$11,984.00	WRR	Nebraska Loess Hills RC & D	Oakland	3 HHW collection events	Burt
\$15,000.00	LRR	Nemaha NRD	Tecumseh	5 HHW collection events	Johnson
\$85,000.00	WRR	Red Willow County	McCook	HHW collections for 40 communities, plus maintain HHW facility in McCook	Red Willow

Gage, Jefferson, Pawnee, Saline
 Burt, Cuming, Dakota, Dodge, Thurston, Washington
 Cass, Gage, Johnson, Lancaster Nemaha, Otoe, Pawnee, Richardson

2010

Appendix E: Grant Programs for HHW Recycling

\$20,361.00	LRR	Keep Fremont Beautiful	Fremont	One HHW collection event	Dodge	
\$12,606.00	LRR	Northeast Nebraska RC & D Council	Plainview	3 HHW collection events	Pierce	Antelope, Cedar, Dixon, Knox, Pierce, Wayne
\$23,057.00	LRR	Trailblazer RC & D	Red Cloud	7 HHW collection events	Webster	Clay, Fillmore, Franklin, Harlan, Nuckolls, Thayer, Webster

Program: LRR Litter Reduction and Recycling Grant Program
WRR Waste Reduction and Recycling Incentive Grants Program

Appendix F: Grant Programs for Pharmaceutical Take-Back

**Nebraska Department of Environmental Quality
2007- 2010 Grant Funds Awarded for Projects Involving Pharmaceutical Recycling**

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
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2007

NONE

2008

\$5,660.00	WRR	Box Butte General Hospital	Alliance	Pharmaceutical collection event	Box Butte
\$14,035.00	WRR	East Central Health Department	Columbus	Pharmaceutical take back event for 4 counties	Platte
\$6,292.00	LRR	Keep Beatrice Beautiful	Beatrice	Pharmaceutical take back event for Beatrice and surrounding area	Gage
\$7,395.00	LRR	Keep Fremont Beautiful	Fremont	Pharmaceutical collection event	Dodge
\$22,206.00	LRR	Keep Scottsbluff-Gerling Beautiful	Scottsblff	One electronics and pharmaceutical take back event	Scottsbluff

2009

\$35,000.00	LRR	Gr. Island Clean Community System	Gr. Island	8 HHW collection events, including pharmaceuticals and electronics	Hall
\$8,000.00	LRR	Keep Beatrice Beautiful	Beatrice	Electronic waste recycling and pharmaceutical take back event	Gage
\$31,038.00	WRR	Keep Nebraska Beautiful	Lincoln	Development of public awareness for proper disposal of pharmaceuticals	Statewide
\$30,000.00	LRR	Keep Scottsbluff-Gerling Beautiful	Scottsbluff	One electronics and pharmaceutical take back event	Scottsbluff
\$13,357.00	WRR	Nebraska Pharmacy Foundation	Lincoln	Public education on proper disposal of pharmaceuticals	Statewide

2010

\$5,366.00	LRR	Keep Beatrice Beautiful	Beatrice	Pharmaceutical take back event for Gage County	Gage
\$35,885.00	LRR	Keep Scottsbluff-Gerling Beautiful	Scottsblff	One electronics and pharmaceutical take back event	Scottsbluff

Program: **LRR Litter Reduction and Recycling Grant Program**
 WRR Waste Reduction and Recycling Incentive Grants Program

Appendix G: Mercury Drop Off Sites in Nebraska

County	Umbrella Organization	Site Location	Address	City, State, Zip	Facility Phone #	Contact person	Email
Brown		Brown County Hospital	945 East Zero P.O. Box 435	Ainsworth, NE 69210		Mary Drudik	
Brown	Central NE Comm Services, INC			Ainsworth, NE 69210	402-387-1035	Veta Hungerford	vhungerford@cennecs.org
Boone	East Central District H.D.	Boone County Comm. Hospital	723 W. Fairview Ave. 619 Box Butte Ave P.O. Box 258	Albion, NE 68620	402-395-2191 x342	Jeannie Temme	
Box Butte	Panhandle Public H.D.		1401 Silver St.	Alliance, NE 69301	308-762-3696	Patty Kulas	pkulas@wchr.net
Harlan	2 Rivers Public H.D.			Alma, NE 68920	308-928-2119		
Saunders	Ashland Pharmacy			Ashland, NE 68003	402-944-3303	Jill Loos/Staci Hubert	shubert@cornhusker.net
Holt		West Holt Memorial Hospital	406 W. Neely Street 601 J Street	Atkinson, NE 68713		Mary Drudik	
Nemaha	Southeast District H.D.			Auburn, NE 68305	402-274-3993	Kay Oestmann	sedhd@alltel.net
Nemaha	SouthEast NE Comm. Action			Auburn, NE 68305		Sasha Rightsell	
Rock		Nemaha County Outreach	P.O. Box 224	Bassett, NE 68714		Mary Drudik	
Gage	Keep Beatrice Beautiful	Rock County Hospital	P.O. Box 300 205 N. 4th St.	Beatrice, NE 68310	402-228-4576	Linda Grell	kbb@bpw.ci.beatrice.ne.us
Morrill	Panhandle Public H.D.		1015 Main St. Suite 2	Bridgeport, NE 69336	308-262-2217	Melody Leisy	mleisypph@charterinternet.com
Garfield	Garfield-Loup-Wheeler County Ext		250 South 8th	Burwell, NE 68823	308-236-4200	Janet Hanna	jhanna@unl.edu
Garfield	Valley County Health System	Burwell Medical Clinic		Burwell, NE 68823	308-728-3211 x299	Kristi Grint	kgrint@valleycountyhospital.org
Furnas	Tri Valley Health System		1305 W. Hwy 6 & 34	Cambridge, NE 69022	308-697-3329 x1129	Mark Harpst	markh@trivalleyhealth.com
Dawes	Panhandle Public H.D.		739 Morehead	Chadron, NE 69337	308-432-8979	Kim Serres	kserrres@wchr.net
Clay	South Heartland District H.D.	Sheriff's Office	104 East Edgar	Clay Center, NE 68933	402-762-3528	Michele Bever	
Platte	East Central District H.D.		2282 E. 32nd Avenue	Columbus, NE 68601	402-564-9931 x204	Roberta Miksch	wiccoordinator@ecdhd.com
Platte	Central NE Comm Services, INC		3362 53rd Ave.	Columbus, NE 68601	402-564-1124 x121	Linda Moore	lmoore@cennecs.org
Dawson	Cozad Community Hospital		300 E. 12th St.	Cozad, NE 69130	308-784-2261	Cindy Schneider	cindyschneider757@excite.com
Dawes	Panhandle Public H.D.		11 Paddock	Crawford, NE 69339	308-665-1770	Rhonda Allen	rallen@wchr.net
Knox		Lundberg Memorial Hospital	P.O. Box 186 975 East Highway 33, Suite 1	Creighton, NE 68729		Mary Drudik	
Saline	Public Health Solutions		372 S. 9th St.	Crete, NE 68333	402-826-3880	Jenny Sundberg	jsundbergphs@neb.rr.com
Butler	Butler County Health Dept.			David City, NE 68632	402-367-1200	Ron Vaca	volley20@hotmail.com
Wheeler	Valley County Health System	Ericson Medical Clinic		Ericson, NE 68637	308-728-3211 x299	Kristi Grint	kgrint@valleycountyhospital.org
Richardson	Richardson County Emergency Mgmt		1700 Stone St.	Falls City, NE 68355	402-245-2446	Jim Gehlig	recma@sentco.ne
Richardson	Community Medical Center		2307 Barada St.	Falls City, NE 68355	402-245-6503	Linda Andreesen	landreesen@cmcfc.org
Richardson	SouthEast NE Comm. Action	Richardson County Outreach	Courthouse, Room 103	Falls City, NE 68355		Jenny Reiger	
Franklin	2 Rivers Public H.D.		405 15th Ave.	Franklin, NE 68939	308-425-6277		
Dodge	Three Rivers Public Health Dept.		33 W. 4th St.	Fremont, NE 68025	402-727-5396	Kara Sturdevant	kara.sturdevant@threeriverspublichealth.org
Nance	East Central District H.D.	Sheriff's Office	209 Esther	Fullerton, NE 68638	308-536-2452		nancecivildefense@hamilton.net
Scottsbluff	Scotts Bluff County H.D.		1825 10th St.	Gering, NE 69341	308-436-6636	Bill Wineman	
Sheridan	Panhandle Public H.D.		106 N. Main	Gordon, NE 69343	308-282-2611	Michelle Bruns	mbruns@wchr.net
Hall	Cental District Health Dept.		1137 S. Locust	Grand Island, NE 68801	308-385-5175	Jeremy Collinson	jcollinson@hamilton.net
Perkins	Perkins County Health Services		900 Lincoln Ave	Grant, NE 69140	308-352-7200	Ken Hutsell/Laurie Walrod	maintenance@pchsgrant.com
Webster	Guide Rock Fire and Rescue		Rt 1 Box 163	Guide Rock, NE 68942	402-469-2061	Dan Shipman	sshipmanm@yahoo.com
Adams	South Heartland District H.D.	North Fire Station	1313 N. Hastings Ave	Hastings, NE 68901	402-461-2350	Michele Bever	
Adams	Mary Lanning Memorial Hospital		715 N. St. Joseph Ave	Hastings, NE 68901	402-460-5852	Becky Sullivan	bsullivan@mimh.org
Thayer	Thayer County Health Service		110 Park Ave.	Hebron, NE 68370	402-768-6041	Jolyne Hackere	johacker32@yahoo.com
Box Butte	Panhandle Public H.D.		808 Box Butte	Hemingford, NE 69348	308-487-3600	Jessica Davies	jdavies@pphd.org
Gosper	2 Rivers Public H.D.		1308 2nd Ave	Holdrege, NE 68949	308-785-2390		
Phelps	2Rivers Public H.D.		1308 2nd Ave	Holdrege, NE 68949	308-995-4222		
Chase	Chase County Community Hospital		600 W. 12th St.	Imperial, NE 69033	308-882-7250	J.R. Reeder	
Buffalo	2 Rivers Public H.D.		1400 E. 34th St.	Kearney, NE 68847	308-236-1234	Destinee West	
Buffalo	Community Action Partnership of Mid-Nebraska		114 East 11th Street	Kearney, NE 68848	308-865-5680	Becky Diercks	BeckyD@mnca.net
Kimball	Panhandle Public H.D.		505 South Burg St.	Kimball, NE 69145	308-235-1952	Sue Goodell	communityhealth@kimbellhealth.org
Garden	Panhandle Public H.D.		P.O. Box 128	Lewellen, NE 60147	308-778-5548	Jean Jensen	voa@lakemac.net
Dawson	2 Rivers Public H.D.		P.O. Box 757	Lexington, NE 68850	308-324-5501		
Sherman	Good Life Health Services Inc	Good Life Pharmacy	727 O Street	Loup City, NE 68853	308-745-1614	Raymond Scott	ray@goodliferx.com
Sherman	Central NE Comm Services, INC		P.O. Box 509	Loup City, NE 68853	308-745-0780 x142	Janna Barnica	
Boyd		Niobrara Valley Hospital	P.O. Box 118 1400 W. 5th St.	Lynch, NE 68746		Mary Drudik	
Red Willow	Red Willow County H.D.		322 Norris Ave, Ste 8	McCook, NE 69001	308-345-1790	Margaret Swanda	
Red Willow	Southwest Nebraska P.H.D.		P.O. Box 31	McCook, NE 69001	308-345-4223	Myra Stoney	myra@swhealthdept.com
Kearney	2 Rivers Public H.D.		1314 3rd Ave.	Minden, NE 68959	308-832-0645		
Otoe	SouthEast NE Comm. Action	Otoe County Outreach	P.O. Box 229	Nebraska City, NE 68410		Kathy Jacobitz	
Antelope		Antelope Memorial Hospital	350 E. 3rd St.	Neligh, NE 68756		Mary Drudik	
Nuckolls	Nelson Vol. Fire and Rescue			Nelson, NE 68961	402-225-3401	Dale Kovanda	kovanda@alltel.net
Valley	Valley County Health System	North Loup Medical Clinic		North Loup, NE 68859	308-728-3211 x299	Kristi Grint	kgrint@valleycountyhospital.org
Douglas	City of Omaha	HHW Facility	5600 S. 10th St.	Omaha, NE 68107		Marty Grate	mgrate@ci.omaha.ne.us
Douglas	Douglas County Ext	UNAVAILABLE	8015 W. Center Road	Omaha, NE 68124-3175	402-444-7804	Jan Johnson	
Douglas	Douglas County Health Dept	Lab	4102 Woolworth	Omaha, NE	402-444-7496	Sherry Monaco	tbaker@co.douglas.ne.us
Holt	Central NE Comm Services, INC		202 S. 10th	O'Neill, NE 68763	402-336-4298 x12	Diane Steskal	dstskal@cennecs.org
Holt		Avera St. Anthony's Hospital	2nd and Adams	O'Neill, NE 68763		Mary Drudik	
Valley	Good Life Health Services Inc	Good Life Pharmacy	125 South 16th	Ord, NE 68862	308-728-3295	Raymond Scott	ray@goodliferx.com
Valley	Valley County Health System		217 Westridge Dr	Ord, NE 68862	308-728-3211	Larry Proskocil	lproskocil@valleycountyhospital.org
Valley	Valley County Health System	Ord Family Health Center	217 Westridge Dr	Ord, NE 68862	308-728-3211 x299	Kristi Grint	kgrint@valleycountyhospital.org
Polk	Annie Jeffrey Memorial County H.C.		428 Beebe St	Osceola, NE 68651	402-747-2031	Mindy Bryan	402-747-1405
Pierce		Osmond General Hospital	P.O. Box 429, 316 East Douglas St.	Osmond, NE 68765		Mary Drudik	

Appendix G: Mercury Drop Off Sites in Nebraska

County	Umbrella Organization	Site Location	Address	City, State, Zip	Facility Phone #	Contact person	Email
Sarpy	Sarpy County Ext	UNAVAILABLE	1308 Gold Coast Rd, Suite 200	Papillion, NE 68046-3019	402-444-7804	Jan Johnson	
Sarpy/Cass	Sarpy/Cass Dept of Health and Wellness		701 Olson Dr., Ste 101	Papillion, NE 68046-3019		Jill Mountford	jmountford@sarpy.com
Pawnee	SouthEast NE Comm. Action	Pawnee County Outreach	549 F. St.	Pawnee City, NE 68420		Carmen Schurman	
Pierce	North Central District H.D.	Plainview Area Health Services	P.O. Box 489	Plainview, NE 68764		Mary Drudik	mary@ncdhd.info
Cass	SouthEast NE Comm. Action	Cass County Outreach	427 Main St.	Plattsmouth, NE 68048		Laura Grueber	
Webster	South Heartland District H.D.	City Office	540 North Webster	Red Cloud, NE 68970	402-746-2215	Michele Bever	
Sheridan	Panhandle Public H.D.		206 Loofborrow	Rushville, NE 69360	308-327-2871	Michelle Bruns	mbruns@wchr.net
Colfax	East Central District H.D.	Alegent Health	104 W. 17th St.	Schuyler, NE 68661	402-352-2441	Curt Kort	
Colfax	UNL Coop Ext-Colfax County		P.O. Box 389	Schuyler, NE 68661	402-352-3821	Susan Hansen	
Scottsbluff	Regional West Medical Center		4021 Avenue B	Scottsbluff, NE 69361	308-635-3711	James Koetemnan	n/a
Howard	Howard County Community Hospital		1113 Sherman	St. Paul, NE 68873	308-754-4421	Jerl Fries	jk2x2@hotmail.com
Stanton	Elkhorn Logan Valley P.H.D	Stanton County Coop Ext	P.O. Box 588	Stanton, NE 68779		Myma DuBois	mdubois1@unl.edu
Nuckolls	South Heartland District H.D.	City Office	P.O. Box 160	Superior, NE 68978	402-879-4713	Michele Bever	
Johnson	SouthEast NE Comm. Action	Johnson County Outreach	172 South 4th	Tecumseh, NE 68450		Pam Armknecht	parmknecht@neb.rr.com
Burt	Elkhorn Logan Valley P.H.D	Burt County Coop Ext	111 North 13th St.	Tekamah, NE 68061-1098		John Wilson	jwilson3@unl.edu
Antelope & Madison		Tilden Community Hospital	P.O. Box 340	Tilden, NE 68781		Mary Drudik	
Cherry	Cherry County Hospital		P.O. Box 410	Valentine, NE 69201	402-376-2525	Shirley Knudsen	sknudsen@cchospital.net
Saunders	Saunders County Health Dept.		754 West 9th St.	Wahoo, NE 68066	402-443-4603	Linda Fritz	schedpt@yahoo.com
Wayne	Providence Medical Center		1200 Providence Rd	Wayne, NE 68787	402-375-7984	Dennis Spangler	dspangler@providencemedical.com
Cass	Cass County Emergency Management		P.O. Box C	Weeping Water, NE 68463	402-267-6765	Bill Cover	ccema@aol.com
Cuming	Elkhorn Logan Valley P.H.D	Cuming County Coop Ext	P.O. Box 285	West Point, NE 68788		Deb Schroeder	dshroeder1@unl.edu
Cuming	Elkhorn Logan Valley P.H.D		P.O. Box 779	Wisner, NE 68791-0779	402-529-2233	LaRayne Meyer	elvphd@gpcom.net
York	Four Corners Health Department		2325 N. Nebraska Ave	York, NE 68467	402-362-2621	Janice Benson	fourcornersphn@alltel.net

The Nebraska Product Stewardship Initiative
November 2010

Appendix H: Grant Programs for Tire Recycling

2007 - 2009 Scrap Tire Collection Events

Tire = Passenger tire equivalent (est. 20 lbs.)

ID#	Grantee Name	County	Actual \$ Awarded
2007902	Atkinson, City of	Holt	\$22,477.14
2007904	Bassett, City of	Rock	\$6,124.56
2007906	Bellevue, City of	Sarpy	\$8,037.42
2007907	Brady, Village of	Lincoln	\$656.71
2007911	Cass Co. Dept. of Roads	Cass	\$12,283.34
2007915	Columbus, City of/Pub Works	Platte	\$13,811.65
2007919	Dakota Co Road Dept	Dakota	\$8,641.12
2007920	Decatur, Village of (2 county)	Burt	\$30,536.66
2007921	Dixon County (Ponca)	Dixon	\$5,940.25
2007926	Fillmore County (Geneva)	Fillmore	\$7,398.16
2007933	Hall County Highway Dept.	Hall	\$39,492.34
2007937	Jefferson County (Fairbury)	Jefferson	\$3,416.16
2007938	Johnson County (Tecumseh)	Johnson	\$4,291.19
2007940	Kearney, City of	Buffalo	\$16,955.88
2007943	Keith County (Ogallala)	Keith	\$9,875.81
2007944	Kimball Landfill, City of	Kimball	\$19,372.53
2007946	Knox County (Center)	Knox	\$10,165.35
2007947	Lexington, City of	Dawson0	\$13,658.42
2007950	Little Blue NRD(3 towns)	Thayer	\$21,730.07
2007953	Lower Elkhorn NRD-West Pnt	Cuming	\$35,568.76
2007954	Lower Elkhorn NRD-Madison	Madison	\$7,668.57
2007955	Lower Elkhorn NRD (Pilger)	Stanton	\$7,558.73
2007956	Lower Loup NRD (9 county)	Valley	\$18,016.06
2007957	Lower Loup NRD (Albion)	Boone	\$11,707.80
2007958	Lower Platte North NRD	Platte/Boone/ Madison/Colfax	\$22,107.94
2007959	LowerRepubNRD(3-town)	Harlan	\$13,135.54
2007960	Madrid, Village of	Perkins	\$9,713.70
2007965	Neligh, City of	Antelope	\$12,269.92
2007967	Nemaha County (Auburn)	Nemaha	\$8,511.13
2007972	Pawnee Co (Pawnee City)	Pawnee	\$4,219.18
2007975	Polk County (Osceola)	Polk	\$22,068.60
2007978	St. Paul, City of	Howard	\$3,938.74
2007979	Saline County (Wilber)	Saline	\$15,384.02
2007981	Saunders County (6 sites)	Saunders	\$26,730.68
2007982	Schuyler, City of	Colfax	\$8,376.79
2007984	Seward County (Seward)	Seward	\$14,155.27
2007985	SID# 6(Emerald) Lanc County	Lancaster	\$57,443.48
2007986	Sidney, City of	Cheyenne	\$65,643.07
2007988	Sterling, Village of	Johnson	\$957.29
2007989	SWANN (Chadron -3 county)	Dawes/Sioux/ Sheridan	\$8,410.66
2007992	Valley, City of	Douglas	\$3,377.69
2007993	Wayne County (Wayne)	Wayne	\$9,792.15
2008902	Adams County Hwy. Dept. (Juniata)	Adams	\$1,433.25
2008903	Ainsworth, City of/Brown County	Brown	\$9,539.95

Appendix H: Grant Programs for Tire Recycling

2008908	Atkinson, City of	Holt	\$29,955.74
2008912	Bellevue, City of	Sarpy	\$3,995.43
2008919	Cass Co Dept Rds(Mynard/Elmwood	Cass	\$12,489.00
2008920	Cedar County (Hartington)	Cedar	\$16,771.08
2008921	Columbus, City of	Platte	\$17,523.15
2008923	Dakota County Rd Dept (Hubbard)	Dakota	\$5,649.80
2008924	Dixon County (Ponca)	Ponca	\$3,663.20
2008929	Gage County (Beatrice)	Gage	\$26,645.54
2008934	Holdrege, City of	Phelps	\$42,136.40
2008937	Jefferson County (Fairbury)	Jefferson	\$9,966.00
2008940	Johnson County (Tecumseh)	Johnson	\$2,269.80
2008942	Keith County (Ogallala)	Keith	\$11,504.99
2008944	Lexington, City of	Dawson	\$18,471.99
2008946	Lower Elkhorn NRD (Pilger)	Stanton	\$7,975.11
2008947	Lower Elkhorn NRD (Clarkson)	Colfax	\$13,509.59
2008948	Lower Elkhorn NRD (West Point)	Cuming	\$37,920.84
2008949	Lower Loup NRD (Albion)	Boone	\$19,110.49
2008950	Lower Loup NRD (Fullerton)	Nance	\$9,169.98
2008951	Lower Loup NRD (Ord)	Valley	\$19,691.00
2008952	Lower Platte N NRD-Platte Centr	Platte	\$14,062.24
2008954	McCook, City of (7 counties)	Red Willow	\$43,688.77
2008955	Merrick County (Central City)	Merrick	\$7,178.10
2008958	Mullen, Village of	Hooker	\$4,267.94
2008961	Nemaha County (Auburn)	Nemaha	\$9,377.99
2008963	Omaha, City of (Environl Qual Div)	Douglas	\$11,097.70
2008971	Pierce County (Pierce)	Pierce	\$9,476.95
2008975	Saline County (Wilber)	Saline	\$14,813.33
2008976	SID#6-Lancaster County (Emerald)	Lancaster	\$67,339.50
2008977	Sidney, City of	Cheyenne	\$26,823.39
2008979	Sterling, Village of	Johnson	\$693.00
2008980	SWANN (Chadron)	Dawes	\$10,068.67
2008985	Valley, City of	Douglas	\$8,050.00
2008986	Washington County (Blair)	Washington	\$8,487.20
2008987	Wayne County (Wayne)	Wayne	\$7,637.86
2008989	York, City of	York	\$18,209.50
2009901	Ainsworth, City of	Brown	\$9,966.63
2009905	Atkinson, City of	Holt	\$28,145.30
2009907	Banner County (Harrisburg)	Banner	\$5,975.26
2009908	Bassett, City of/Rock County	Rock	
2009910	Bellevue, City of	Sarpy	\$1,355.92
2009912	Butte, Village of (Monowi not included)	Boyd	\$25,772.32
2009915	Cass Co Dept. of Roads(Plattsmouth)	Cass	\$14,407.00
2009916	Cedar County (Hartington)	Cedar	\$12,567.80
2009918	Chase County (Imperial)	Chase	\$12,472.65
2009920	Columbus, Cityof(PubWrks/Envirmnt)	Platte	\$16,617.08
2009921	Dakota County Road Dept. (Hubbard)	Dakota	\$10,179.66
2009922	David City, City of	Butler	\$16,764.80
2009923	Dixon County (Ponca)	Dixon	\$3,030.79
2009927	Franklin,Ctyof(Frnklin,Harlan/Webster)	Franklin	\$16,282.56
2009929	Fremont, City of	Dodge	\$15,952.78
2009930	Frontier County (Stockville)	Frontier	\$4,560.08
2009941	Hall Co Highway Dept. (Grand Island)	Hall	\$14,901.63
2009942	City of Hastings-Solid Waste Dept.	Adams	\$30,297.54
2009945	City of Holdrege	Phelps	\$25,759.68

Appendix H: Grant Programs for Tire Recycling

2009946	City of Kearney	Buffalo	\$25,464.68
2009947	Kearney County (Minden)	Kearney	\$15,228.39
2009950	Keith County (Ogallala)	Keith	\$10,121.20
2009953	Kimball, City of Landfill	Kimball	\$13,231.08
2009955	Knox County (Center)	Knox	\$4,985.22
2009957	Lexington, City of (Dawson, Gosper, Custer)	Dawson	\$15,072.62
2009960	Lower Elkhorn NRD (Clarkson)	Colfax	\$8,504.72
2009961	Lower Elkhorn NRD (Pilger)	Stanton	\$3,721.97
2009962	Lower Elkhorn NRD (Norfolk)	Madison	\$34,864.28
2009963	Lower Loup NRD (Albion)	Boone	\$9,627.78
2009964	Lower Loup NRD (Fullerton)	Nance	\$4,361.44
2009965	Lower Loup NRD (Genoa)	Nance	\$3,571.68
2009966	Lower Loup NRD (Ord) (9 counties)	Valley	\$23,315.00
2009967	Lower Platte No NRD (Platte Center)	Platte	\$9,224.76
2009968	Madrid, Village of	Perkins	\$12,384.04
2009970	Merrick Co Hwy. Dept. (Central City)	Merrick	\$3,417.60
2009973	Mullen, Village of	Hooker	\$2,659.60
2009975	Nemaha County (Auburn)	Nemaha	\$8,762.55
2009976	North Platte, City of	Lincoln	\$32,505.24
2009977	Nuckolls County (Nelson)	Nuckolls	\$12,838.20
2009979	Omaha, City of-neighborhood cleanups	Douglas	
2009987	Orleans, Village of	Harlan	\$11,892.88
2009988	Otoe County (Nebraska City)	Otoe	\$19,752.05
2009989	Papio-Missouri River NRD (Omaha)	Douglas	
2009990	Pawnee County (Pawnee City)	Pawnee	\$3,295.17
2009992	Pierce County (Pierce)	Pierce	\$11,089.66
2009994	Richardson County (Falls City)	Richardson	\$12,455.44
2009998	St. Paul, City of	Howard	\$3,859.38
2009999	Saline County (Wilber)	Saline	\$14,417.74
2009000	Sanitary Improve Dist #6-Lanc Co-Emerald	Lancaster	\$33,171.78
2009001	Saunders County (Wahoo - 4 sites)	Saunders	\$26,620.70
2009002	Schuyler, City of	Colfax	\$11,440.10
2009004	Scotts Bluff Co. Health Dept.	Scotts Bluff	\$34,533.92
2009005	Seward County (Seward)	Seward	\$14,400.60
2009007	Sidney, City of	Cheyenne	\$18,290.16
2009008	SWANN (Chadron)	Dawes	\$11,343.36
2009010	Stapleton, Village of	Logan	\$8,427.90
2009014	Sterling, Village of	Johnson	\$864.66
2009015	Theford, Village of	Thomas	\$5,126.70
2009019	Valley, City of	Douglas	\$9,955.00
2009023	Wayne County (Wayne)	Wayne	

Total Spent on
Tire Collection
\$1,992,093.73

Appendix I: Grant Programs for Waste Oil Recycling

**Nebraska Department of Environmental Quality
2007- 2010 Grant Funds Awarded for Projects Involving Waste Oil Recycling**

Grant Year	Grant Amount	Pro-gram	Grant Recipient	City	Grant Description	Counties Served
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2007

\$8,453.00	WRR	Jefferson County Highway Dept.	Fairbury	Waste oil burner for the county highway shop	Jefferson
\$74,745.00	WRR	Keep Nebraska Beautiful	Lincoln	Expenses of the NE Used Oil Collection Program	Statewide

2008

\$5,700.00	WRR	Beatrice State Development Center	Beatrice	Waste oil burner for the maintenance shop	Gage
\$74,637.00	WRR	Keep Nebraska Beautiful	Lincoln	Waste oil collection program; 207,161 gal. collected in prior year	Statewide
\$5,279.00	LRR	Knox County Dept. of Roads	Wausa	Used oil burner for maintenance facility	Knox

2009

\$4,258.00	LRR	Lancaster County	Lincoln	Pneumatic oil filter crusher	Lancaster
\$73,757.00	WRR	Keep Nebraska Beautiful	Lincoln	Waste oil collection program; 178,251 gal. collected in prior year	Statewide
\$31,038.00	WRR	Keep Nebraska Beautiful	Lincoln	Development of statewide used oil filter recycling program	Statewide

2010

NONE

**Program: LRR Litter Reduction and Recycling Grant Program
WRR Waste Reduction and Recycling Incentive Grants Program**

Appendix J: Table of Products Currently Collected in Nebraska

Products	Manufacturers	Retailers	NGO¹	State & Local Government Funded¹	Other¹
(1) Appliances					
(2) Auto Switches					
(3) Batteries					
(4) Cell Phones					
(5) CFLs					
(6) E-Waste					
(7) Fire Extinguishers					
(8) Motor Oil					
(9) Paint					
(10) Pesticide Containers					
(11) Pharmaceuticals					
(12) Phone Books					
(13) Propane Tanks					
(14) Thermostats					
(15) Toner & Ink Cartridges					
(16) Tires					