



# KANSAS

RODERICK L. BREMBY, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

DEPARTMENT OF HEALTH AND ENVIRONMENT

## APPLICATION FOR A SOLID WASTE PROCESSING FACILITY PERMIT E-WASTE RECYCLING/RECLAMATION FACILITY

### SECTION I: APPLICANT INFORMATION

Applicant's Name Starkey, Inc.  
Address 4500 W. Maple  
City Wichita State KS Zip Code 67209  
Contact Person Marsha Lee Dill Title C.O.O.  
Phone Number (316) 512-4145 Fax Number (316) 942-6952  
E-Mail (optional) mdill@starkey.org  
Type of Applicant:  Private Individual/Firm  County  City  Township  Other  
If other, please explain. Private, nonprofit organization; community service provider to persons with intellectual disabilities

### SECTION II: FACILITY INFORMATION

Facility Name Starkey, Inc.  
Facility Address 4500 W. Maple  
City Wichita State KS Zip Code 67209  
Phone Number (316) 942-4221 Fax Number (316) 942-6952  
Facility Location: ¼ Section \_\_\_\_\_, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_  
Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ County Sedgewick  
Lot size 3.57 (acres) Building size 30,000 (sq. ft.) Area to be used for storage 1120 (sq. ft.)  
Is the site an existing processing facility?  Yes  No

Site owned by applicant X Site leased by applicant \_\_\_\_\_

If site is leased, please give the following information:

Owner of Record \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Lease negotiated in (year) \_\_\_\_\_ Number of years remaining on lease \_\_\_\_\_

Please include a copy of the lease.

Fire protection available (e.g. sprinklers, fire hydrants, firebreaks): \_\_\_\_\_

Local fire department name City of Wichita Fire Dept.  
 Address 661 N. Elder City Wichita State KS Zip 672  
 (Closest station)

**SECTION III: NOTICE OF REGULATORY RESTRICTIONS**

This application restricts the site by the following definitions:

“Solid waste processing facility” means incinerator, composting facility, household hazardous waste facility, waste-to-energy facility, transfer station, reclamation facility or any other location where solid wastes are consolidated, temporarily stored, salvaged or otherwise processed prior to being transported to a final disposal site. This term does not include a scrap material recycling and processing facility (K.S.A. 65-3402(c)).

“Reclamation facility” means any location at which material containing a component defined as a hazardous substance pursuant to K.S.A. 65-3452a and amendments thereto, or as an industrial waste pursuant to this section, is processed (K.S.A. 65-3402(o)).

“Industrial waste” means all solid waste resulting from manufacturing, commercial and industrial processes which is not suitable for discharge to a sanitary sewer or treatment in a community sewage treatment plant or is not beneficially used in a manner that meets the definition of recyclables (K.S.A. 65-3402(x)).

“Hazardous substances” shall have the meaning ascribed to such term by Section 101 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 of the United States as in effect on January 1, 1988 (K.S.A. 65-3452(a)).

**SECTION IV: OPERATING PLAN**

The Operating Plan is a separate document to be attached to this application that demonstrates the applicant’s understanding of and ability to manage the facility. At a minimum, the Operating Plan should include the information requested below.

**Provide a general description of the facility characteristics.** This description should include the proposed capacity/volume of the facility for storage of material waiting for processing, throughput of equipment, and storage of processed material prior to shipping. Also include the number of employees on-site; the types of machinery or equipment to be used; the proposed operating hours; and the expected life of the facility. Describe the kinds of e-waste to be accepted at the facility, and supply pertinent details such as the origin, composition, and expected volume of all e-waste to be accepted. Include the maximum time any such waste will be stored, and where and how it will be disposed of or recycled. Please describe the types of customers anticipated and whether the facility will be open to the general public. Also indicate whether or not the facility will receive certificates of destruction from other companies, and whether the facility will provide certificates to customers.

**SECTION V: SITE PLAN**

The Site Plan is also a separate document to be attached to this application.

- a. **Site location map.** Provide a map showing the section, township, range, and site boundaries of the facility. Also include a description of adjacent properties including the land use and names and addresses of property owners. If the proposed site is adjacent to a public road or street, please include property across the road or street.
- b. **Site layout drawing.** Provide a drawing showing the size and location of all pertinent constructed and natural features of the site including roads, fire lanes, ditches, berms, culverts, structures, wetlands, floodways, and surface waters. Also show projected site utilization, including all site structures (such as buildings, fences, gates, entrances and exits, parking areas, on-site roadways, and signs) and the location of all water supplies.
- c. **Facilities layout drawing.** Provide a schematic that shows the arrangement of equipment on the site, the location of storage facilities and waste storage areas, and traffic flow.
- d. **FEMA floodplain map.** Draw the facility location on the FEMA map.

**SECTION VI: CLOSURE PLAN**

As required by KSA 65-3406, the closure plan shall include the following components:

- a. When or under what circumstances the site will be closed;
- b. How the site will be properly closed;
- c. A schedule for the applicable closure procedures, including the time period for completing the closure procedures; and
- d. Closure cost estimates, which must be third-party costs and must be submitted on the proper form found in the Closure Cost Estimating Handbook. Include the "*Closure Cost Estimate Worksheet for Solid Waste Processors*" provided by KDHE.

**SECTION VII: CONTINGENCY PLAN**

**The owner or operator must develop a contingency plan for the facility.** The contingency plan shall specify the procedures that will be initiated if the facility experiences unplanned events including equipment failure, power outages, receipt of hazardous material, release of a regulated quantity of any waste, natural disasters, or any other incident that may cause an emergency or suspend operations at the facility. The contingency plan will also include specific protocol in the event of a fire; this portion of the plan should specify both protective and control measures.

**SECTION VIII: INSURANCE AND FINANCIAL ASSURANCE**

Attach a copy of a **Certificate of Insurance** for proof of liability of insurance in accordance with K.A.R. 28-29-2201. The coverage shall include coverage of the premises and operations, including operations of independent contractors.

The "*Closure Cost Estimate Worksheet for Solid Waste Processors*" provided by KDHE and included in the Closure Plan will provide an estimate for financial assurance. Private entities are required to submit a financial assurance instrument for the amount calculated on the closure cost estimating worksheet. Allowable financial assurance methods are listed in K.A.R. 28-29-2101. **This financial assurance instrument must be received prior to the beginning of the public notice period.**

**SECTION IX: CHECKLIST**

- Completed Sections 1 and 2 of KDHE's *Permit Application for an E-Waste Recycling/Reclamation Facility*
- Completed Section 4 of KDHE'S *Permit Application*, including the Site Information document; the Site Plan, with all required maps; the Closure Plan; and the Contingency Plan (Section 4), as a separate documents
- The "Closure Cost Estimate Worksheet for Solid Waste Processors" provided by KDHE
- A financial assurance instrument for the amount calculated on the closure cost estimating worksheet
- A copy of the "Certificate of Insurance" for proof of liability of insurance
- The completed "Disclosure Statement" provided by KDHE, required by K.S.A. 65-3407(c)
- The completed "*E-Waste Processing Facility Certification*" form
- An application fee of ~~\$2,000~~ <sup>\$250.00</sup> for all entities except state agencies, cities, counties, or other political subdivisions (per K.S.A. 65-3407(e)); a reduced fee may be requested in accordance with BWM Policy 97-01

Three copies of the completed application and attachments are required; however, only one copy should be submitted for the department's initial review.

**SECTION X: SIGNATURES**

<p><u>Marsha Dill</u>  Signature of Applicant</p> <p><u>C.O.O.</u>  Title</p> <p><u>9/28/09</u>  Date</p>	<p><u>Marsha Dill</u>  Name (Print or Type)</p> <p><u>Starkey, Inc.</u>  Organization</p>
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# E-WASTE RECYCLING/RECLAMATION FACILITY CERTIFICATION

Applicant's Name Starkey, Inc.

As specified in K.S.A. 65-3407 Permits to construct, alter or operate solid waste processing facilities and solid waste disposal areas, the secretary shall require the following information as part of this application:

## Solid Waste Management Plan Consistency

(1) Certification by the board of county commissioners or the mayor of a designated city responsible for the development and adoption of the solid waste management plan for the location where the processing facility or disposal area is or will be located that the processing facility or disposal area is consistent with the plan. This certification shall not apply to a solid waste disposal area for disposal of only solid waste produced on site from manufacturing and industrial processes or from on-site construction or demolition activities.

- The Facility Or Disposal Area Is Consistent With Solid Waste Management Plan
- The Facility Or Disposal Area Is Not Consistent With Solid Waste Management Plan

Name (Print or Type)	Signature		
Title	Date		
Street Address	City	Zip Code	County

## Zoning or Land Use Consistency

(2) If the location is zoned, certification by the local planning and zoning authority that the processing facility or disposal area is consistent with local land use restrictions or, if the location is not zoned, certification from the board of county commissioners that the processing facility or disposal area is compatible with surrounding land use.

### Zoned

- The Facility Or Disposal Area Is Consistent With Local Land Use Restrictions Or Zoning
- The Facility Or Disposal Area Is Not Consistent With Local Land Use Restrictions Or Zoning

### Not Zoned

- The Facility Or Disposal Area Is Compatible With Surrounding Land Use
- The Facility Or Disposal Area Is Not Compatible With Surrounding Land Use

<u>See attached letter</u> Name (Print or Type)	Signature		
Title	Date		
Street Address	City	Zip Code	County

If a special use permit is required, please attach a copy to this application.



**Wichita-Sedgwick County Metropolitan Area Planning Department**

April 5, 2010, 2009

Starkey Inc.  
Atten: Randy Reed  
144 South Young  
Wichita, Kansas 67209

Don Folger  
234 South Topeka  
Wichita, KS 67202

**RE: DP-198 - CUP Adjustment to allow the recycling of computers and computer parts by adding the same to the list of permitted uses in Parcels 1 and 2, generally located northwest of the intersection of Maple Street and Tracy Street (CUP2010-00008).**

Dear Applicants:

We received and reviewed your request for an administrative adjustment to Community Unit Plan, DP-198 Parcels 1 and 2. We understand that you desire the ability to recycle computers and computer parts.

On the basis of our review, we feel that adjusting the CUP in the manner you have requested would be consistent with the approved CUP and will not have an adverse effect on the CUP or on adjacent properties, nor will it be a substantial deviation from the original plan.

Our signatures below indicate that an administrative adjustment has been granted to permit the recycling of computers and computer parts on Parcels 1 and 2, subject to the conditions listed below:

1. The recycling of computers and computer parts is permitted so long as the use is conducted substantially in compliance with the attached operating plan.

The zoning notification signs may now be removed from the property. The revised CUP will note this administrative adjustment and date.

City Hall • 10th Floor • 455 North Main • Wichita, Kansas 67202-1688

T 316.268.4421 F 316.268.4390

[www.wichita.gov](http://www.wichita.gov)

## SECTION IV: OPERATING PLAN

Starkey, Inc. was founded in 1930 and is a private not for profit community service provider to persons with intellectual disabilities. Starkey provides an array of services from Life Enrichment, Work Activity, Supported Employment, Supervised Living, Supported Independent Living and Case Management. All of these supports are individualized to meet specific needs that are identified in the person centered support plan.

The Work Activity Program offers a variety of subcontract work from area businesses that provides for training on work habits and basic work skills. One part of the Work Activity Program is a small e-cycling program that was established in May 2006. This benefits not only the persons we serve by providing additional training opportunities but also assists the community by providing a service to keep some electronics from ending up in the land fill. We would anticipate maintaining this project indefinitely as long as it provides jobs for the people we serve and is financially feasible.

Even though there are 30 staff assigned in the Work Activity Program, only 3 actively work with the recycling project, others supervise work on other subcontracts. Thus far approximately 45 persons with disabilities have been trained on recycling, however, only 8 work in this area at one time. Individuals are rotated through the recycling area to give as many individuals as possible the opportunity to work on these jobs.

Starkey's e-cycling program operates from 8:00am – 4:30pm Monday through Friday except for designated holidays. Starkey will accept computers, printers, peripherals, phone systems, small copy machines, VCR's and DVD players for recycling. Monitors are accepted only as part of other items to be recycled. The general public may drop off their electronics to be recycled or businesses can arrange for pick up by paying a fee. It is anticipated that no more than 3 – 5 tons of in process product and/or stored equipment would be on site at any time. It is intended due to the small volume, that equipment would not be stored for any length of time but rather would be processed and moved out of the facility. Specific requested services, i.e. inventory, cleaning of hard drives, certificates of destruction, are provided for an additional fee.

Items are processed either by demanufacturing where metals, wires, boards, etc. are removed and sorted for sale or repurposing by selling working computers or those that can be refurbished. Currently, mixed scrap is sold to Glickman Metal Recycling and all other items are sold to IT Source both in Wichita. Starkey can repurpose any item that is brought in for our own use.

For the most part, hand tools are used for the demanufacturing process. Steel bins are used for storage of processed materials are moved by staff using a forklift.

**SECTION V: SITE PLAN**

- a. Site location map. See Attachments A and B.  
Starkey owns the land as highlighted on Attachment A that is between Maple and Douglas and between Young and Tracy. This site houses programs, parking, administration, vehicle//bus maintenance and warehouse space. Additionally, Starkey owns the following adjacent residential properties which are part of Starkey’s Community Living Program: 220 South Young, 222 South Young, 131 South Young, 105 North Tracy and 205 South Tracy. Starkey owns the property at 240 South Young and uses it as rental property.

**Attachment B – Map of Surrounding Commercial Properties**

To the south of 4500 West Maple is Chicos Mexican Restaurant, located on the southwest corner of Maple and Tracy. Also located on the south is Christ the King Catholic Church and School. Directly to the west of 4500 West Maple is a parking lot owned by Christ the King Church and School. Douglas Avenue Assembly of God Church is located on the southeast corner of Douglas and Young. Residential properties run on the west side of Young Street from Maple to Douglas. The east side of Young Street includes the parking lot at Maple, residential sites, Starkey properties and a church on the southeast corner of Douglas and Young. On the east side of Tracy, Spears Restaurant is located on the southeast corner of Maple and Tracy. The northeast corner of Maple and Tracy is a vacant lot and Phillips 66 has a gas station adjacent to the 4500 building on the northwest corner of Maple and Tracy. Residential properties run on both sides of Tracy beyond what has specifically been identified above.

The residential property owners are as follows:

<u>TRACY ST.</u>	<u>RESIDENTIAL PROPERTY OWNERS</u>
100 S. Tracy	Towns, Armeta R. Liv Tr
101 S. Tracy	Dayton Properties LLC
111 S. Tracy	Landwehr, Jason L.
112 S. Tracy	Litke, George R. & Peggy R. ETAL
121 S. Tracy	L & S Home Buyers LLC
122 S. Tracy	Bauer, Thelma J.
129 S. Tracy	Clyne, Amy M.
130 S. Tracy	Lubbers, Irene H. Rev Tr
135 S. Tracy	Avis, Brian E. & Krista
143 S. Tracy	Simon, Thomas ETAL
144 S. Tracy	Reeves, Winnie M. ETAL
155 S. Tracy	Powell, Glen O.
156 S. Tracy	Hamersky, Leo F. ETUX
157 S. Tracy	Manzanera, Leonel
200 S. Tracy	Phillips, Brenda J.
205 S. Tracy	Starkey Developmental Center, Inc.
212 S. Tracy	Fugate, Martha J.

222 S. Tracy	Zamorano, Michelle R.
230 S. Tracy	Hamersky, Leo F. & Mary J.
240 S. Tracy	Kindler Kenneth L.
244 S. Tracy	Smith, Paul E. TR

SOUTH YOUNG

RESIDENTIAL PROPERTY OWNERS

101 S. Young	Walden, Glynn Janae
123 S. Young	Roth, Lawrence F. ETUX
126 S. Young	Winegar, Gary C. & Patsy J.
131 S. Young	Starkey, Inc.
132 S. Young	Street Properties LLC
141 S. Young	Clark, Jason L.
144 S. Young	Starkey Developmental Center, Inc.
145 S. Young	Turner, Judith K. & Lyle D. ETAL
153 S. Young	Gifford Properties LLC
157 S. Young	Espinoza, Ramiro H.
201 S. Young	Tuell, Diana Marie ETVIR
207 S. Young	Rodriguez, Angela R.
211 S. Young	Walker, Charles R. ETUX
220 S. Young	Starkey Developmental Center, Inc.
225 S. Young	Martinez, John & Jennifer
229 S. Young	Geier, Bill J. & Helen L. JT REV LV TR
231 S. Young	Geier, Bill J. & Helen L. JT REV LV TR
235 S. Young	Harrington, Patricia L.
240 S. Young	Starkey, Inc.
242 S. Young	Weylund, Terry L. & Hendrick J.
243 S. Young	Hansard, Glen

- b. Site layout drawing  
See Attachments C and D.
- c. Facilities layout drawing  
See Attachment D.
- d. FEMA floodplain map.  
Not required to submit.

## **SECTION VI: CLOSURE PLAN**

Starkey would initiate a plan to close our recycling project in the event that we could not obtain sufficient electronics and revenue from our business partners to continue with recycling to make it a viable job for the persons we serve. However, this is only a very small part of the Work Activity Program and Starkey. The organization would remain fully operational without the recycling project providing a variety of supports and services to persons with intellectual disabilities throughout the Wichita area.

To close the recycling project, Starkey would notify its primary business partners of a date to discontinue receiving product. All electronics in-house would either be demanufactured or repurposed and would be sent to our sales vendors. As Starkey does not maintain much inventory, the time table for closure could happen fairly quickly even providing everyone with a 30 day notice. Closure clean up would involve sweeping and proper cleaning of the work and storage areas incurring minimal costs. Because of the limited scope of the recycling project and the area that is used, it is estimated that the cost of closure would be less than \$500.

## **SECTION VII: CONTINGENCY PLAN**

See Attachment E Disaster Recovery Plan & Emergency Procedures.  
See Attachment F Emergency Procedures Flip Chart.

## **SECTION VIII: INSURANCE AND FINANCIAL ASSURANCE**

See Attachment G Certificate of Insurance.  
See Attachment H Financial Assurance

CLOSURE COST ESTIMATE WORKSHEET FOR SOLID WASTE PROCESSOR

OWNER: Starkey, Inc. PERMIT NO. \_\_\_\_\_

YEAR: 2009

AREA: 3.57 ACRES

CONVERSION FACTOR : 2000 LBS/TON

ITEM	QUANTITY	UNITS	UNIT COST	COSTS
Cost to load and haul maximum waste stockpile allowed by the approved facility operating plan*		TON		\$100.00
Cost to dispose solid waste stockpile**		TON		100.00
Cost to load and haul maximum processed waste stockpile allowed by the approved facility operating plan*		TON		100.00
Cost to dispose processed waste**		TON		100.00
Cost to clean and disinfect building		LUMP SUM		100.00
<b>Sub Total</b>				<b>\$500.00</b>
Administration & Contingency (Subtotal X 10%)				
Miscellaneous Costs				
<b>Total Current Closure Costs</b>				<b>\$500.00</b>

Marska Dill  
 Contact Name (Print)

(316) 512-4145  
 Phone

\*Cost to load and haul should reflect the third party costs for your area to load and haul the quantity of material on site.

\*\*Disposal unit costs should reflect the disposal cost at the closest landfill or transfer station.



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★ 4500 W Maple St Edit  
Wichita, KS 67209-2567



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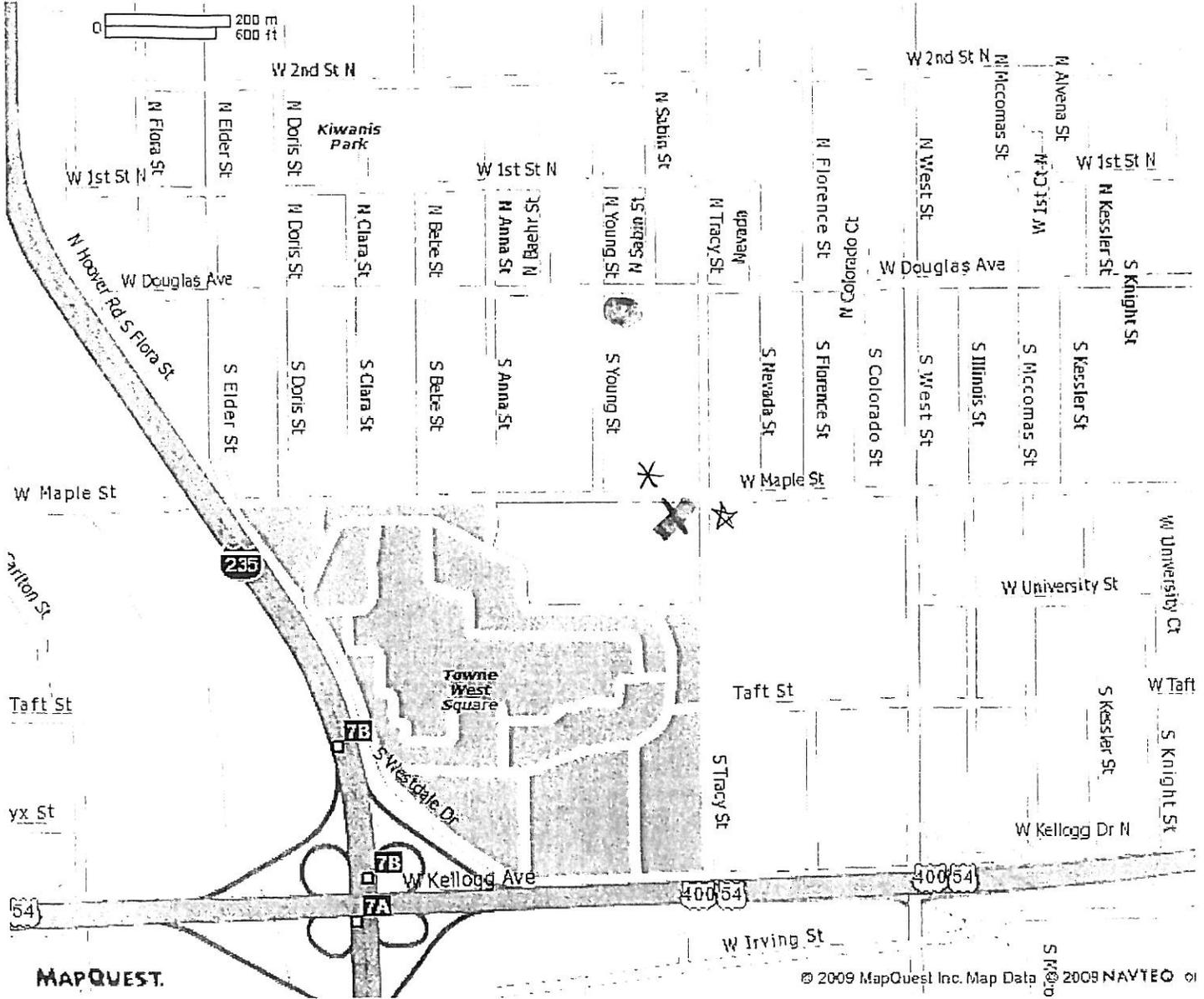
Starkey - main center facilities  
recycling project housed in the building at 4500 w. Maple

# Commercial Properties



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Wichita, KS 67209-2567



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- \* Starkey, Inc. - 4500 W. Maple
- \* Chico's Mexican Restaurant - 4407 W. Maple
- Christ the King Catholic School and Church - 4411 W. Maple
- Phillips 66 - Presto Convenience Store - 4414 W. Maple
- \* Spears Restaurant - 4323 W. Maple
- ⊙ Douglas Avenue Assembly of God - 4501 W. Douglas



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Fire hydrant locations

**Usage Map - Maple Building** 30,000 square feet  
 4500 W. Maple, Wichita, KS 67209

← Fire lane →

- Human Resources
- Busing / Transportation
- Community Living
- Day Programs
- Restrooms
- Conf. / Breaks / Kitchen

