1. College/University name: Indiana University Physical Plant

2. Size of student body:
   - [ ] 1 - 2,000
   - [ ] 2,001 - 10,000
   - [X] 10,001 and up

3. Does your community have a mandatory recycling program?
   - [ ] yes
   - [X] no

4. Does your college/university have a recycling program?
   - [X] yes
   - [ ] no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - [X] yes
   - [ ] no
   If yes, what kind of support does it receive?

6. Which portions of the campus community participate in the recycling program?
   - [X] students
   - [ ] staff
   - [ ] faculty
   - [ ] administration
   - [ ] other:

7. Who runs your recycling program?
   - [ ] students only
   - [X] administration only
   - [ ] cooperative program between students and administration
   - [ ] other:

8. Which of the following materials does your program recycle: (check all that apply)
   - [X] high grade office paper
   - [X] computer paper
   - [ ] newspaper
   - [X] cardboard
   - [ ] glass
   - [ ] aluminum cans
   - [ ] steel cans
   - [ ] plastics
   - [X] batteries
   - [X] scrap appliances
   - [ ] laser printer cartridges
   - [X] motor oil
   - [X] construction debris
   - [X] tires
   - [X] hazardous wastes
   - [ ] clothing, reusable goods, furniture
   - [X] composting of yard wastes
   - [ ] other:

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   The faculty, staff, and students drop off items in
   their work or living areas. Physical Plant personnel
   collect the recyclables.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   1) Sell white baled paper  2) Sell metals locally
      3) Compost organic waste  4) Mixed paper is given away.

11. Does your program operate at a profit or a loss?
    ☐ profit  ☐ loss

12. Are avoided disposal costs a reason for your recycling program?
    ☑ yes  ☐ no

13. Our community (check all that apply):
    ☑ has a recycling program  ☐ participates in our recycling program
    ☐ our recycling programs are completely separate  ☐ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    ☑ yes  ☐ no
    If yes, what kind of materials?
    ☑ papers

15. Does your college/university practice source reduction? (check all that apply)
    ☐ dishes/glasses/silverware instead of throwaways
    ☑ double-sided copying
    ☑ minimize packaging accepted from manufacturers
    ☐ other: ___________________________
    ☐ no

16. Does your college/university offer courses on (check all that apply):
    ☐ social and political aspects of hazardous and nonhazardous waste management
    ☑ scientific and engineering aspects of hazardous and nonhazardous waste management
    ☐ agricultural aspects of hazardous and nonhazardous waste management
    ☐ economic aspects of natural resource use and development
    ☐ other relevant courses

17. This question is optional for the person filling out this survey.
    Name: Fred Simic
    Position: Special Projects Coordinator

18. Does your college/university give permission to use its name in any publications regarding this
    survey?
    ☐ yes  ☐ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: [Indiana State University]

2. Size of student body:
- □ 1 - 2,000
- □ 2,001 - 10,000
- X 10,001 and up

3. Does your community have a mandatory recycling program?
- □ yes
- X no

4. Does your college/university have a recycling program?
- X yes
- □ no

If no, please go to number 14.

5. Does your recycling program receive institutional support?
- X yes
- □ no

If yes, what kind of support does it receive?
- Source separation
- Budget funds for equipment
- Administrative support

6. Which portions of the campus community participate in the recycling program?
- □ students
- □ staff
- □ faculty
- □ administration
- □ other: custodians as a work-related assignment

7. Who runs your recycling program?
- □ students only
- □ administration only
- □ cooperative program between students and administration
- □ other: Facilities Management

8. Which of the following materials does your program recycle? (check all that apply)
- □ high grade office paper
- □ computer paper
- □ newspaper
- □ cardboard
- □ glass
- □ aluminum cans
- □ steel cans
- □ plastics
- □ batteries
- □ scrap appliances
- □ laser printer cartridges
- □ motor oil
- □ construction debris
- □ tires
- □ hazardous wastes
- □ clothing, reusable goods, furniture
- □ composting of yard wastes
- □ other: Styrofoam, packing

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   ( ) Custodial staff at cleaning process
   ( ) Craft's area & drop-off
   ( ) Campus Exchange Program (2-Wheel baskets)

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   Waste Management Workers pick up containers and process them Campus Recycling Center while quantities are collected if some items in truckloads, then shipped to plant.

11. Does your program operate at a profit or a loss?
    ☐ profit ☐ loss ☐ basically breaks even

12. Are avoided disposal costs a reason for your recycling program?
    ☐ yes ☐ no

13. Our community (check all that apply):
    ☐ has a recycling program
    ☐ participates in our recycling program
    ☐ our recycling programs are completely separate
    ☐ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    ☐ yes ☐ no
    If yes, what kind of materials?
    Paper towels, toilet tissue, Reconditioned items, cartridge, Some office paper

15. Does your college/university practice source reduction? (check all that apply)
    ☐ dishes/glasses/silverware instead of throwaways
    ☐ double-sided copying
    ☐ minimize packaging accepted from manufacturers
    ☐ other: __________________________
    ☐ not as a "Formal" program

16. Does your college/university offer courses on (check all that apply):
    ☐ social and political aspects of hazardous and nonhazardous waste management
    ☐ scientific and engineering aspects of hazardous and nonhazardous waste management
    ☐ agricultural aspects of hazardous and nonhazardous waste management
    ☐ economic aspects of natural resource use and development
    ☐ other relevant courses

17. This question is optional for the person filling out this survey.
    Name: ________________________________
    Position: ________________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
    ☐ yes ☐ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Indiana Wesleyan Univ.

2. Size of student body:
   - 1 - 2,000
   - 2,001 - 10,000
   - 10,001 and up

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   If yes, what kind of support does it receive?

6. Which portions of the campus community participate in the recycling program?
   - students (Akin. cans only)
   - staff (Maintenance + Food service)
   - faculty
   - administration
   - other: ________________________________

7. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other: Maintenance

8. Which of the following materials does your program recycle: (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yardwastes
   - other: ________________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   - bundled
   - Crush cans into bags

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
    - Local collection site

11. Does your program operate at a profit or a loss?
    - profit ❑  ❑ loss ❑

12. Are avoided disposal costs a reason for your recycling program?
    - yes ❑ no ❑

13. Our community (check all that apply):
    - has a recycling program (Testing sites only at this point)
    - participates in our recycling program
    - our recycling programs are completely separate
    - does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    - yes ❑ no ❑

15. Does your college/university practice source reduction? (check all that apply)
    - dishes/glasses/silverware instead of throwaways
    - double-sided copying
    - minimize packaging accepted from manufacturers
    - other: ________________________________
    - no ❑

16. Does your college/university offer courses on (check all that apply):
    - social and political aspects of hazardous and nonhazardous waste management
    - scientific and engineering aspects of hazardous and nonhazardous waste management
    - agricultural aspects of hazardous and nonhazardous waste management
    - economic aspects of natural resource use and development
    - other relevant courses

17. This question is optional for the person filling out this survey.
    - Name: ________________________________
    - Position: ________________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
    - yes ❑ no ❑

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: **University of Indianapolis**

2. Size of student body:
   - ☐ 1 - 2,000
   - ☑ 2,001 - 10,000
   - ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
   - ☑ yes  ☐ no

4. Does your college/university have a recycling program?
   - ☑ yes  ☐ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - ☑ yes  ☐ no
   If yes, what kind of support does it receive?
     - **Financial**: Since it now costs to recycle paper, the cost to recycle an often paper
     - is paid by the University.

6. Which portions of the campus community participate in the recycling program?
   - ☑ students  ☐ staff  ☑ faculty  ☑ administration  ☐ other: ______________________

   - Who runs your recycling program?
     - ☐ students only  ☐ administration only  ☑ cooperative program between students and administration  ☐ other: ______________________

8. Which of the following materials does your program recycle: (check all that apply)
   - ☑ high grade office paper  ☑ computer paper  ☐ newspaper  ☐ cardboard  ☑ glass  ☑ aluminum cans  ☐ steel cans  ☑ plastics  ☑ batteries  ☐ scrap appliances  ☑ laser printer cartridges  ☐ motor oil  ☐ construction debris  ☐ tires  ☑ hazardous wastes  ☐ clothing, reusable goods, furniture  ☑ composting of yardwastes  ☐ other: ______________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?

Drop off bins in buildings

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

11. Does your program operate at a profit or a loss?

☐ profit ☐ loss

12. Are avoided disposal costs a reason for your recycling program?

☐ yes ☐ no

13. Our community (check all that apply):

☐ has a recycling program
☐ participates in our recycling program
☐ our recycling programs are completely separate
☐ does not have a recycling program

14. Does your college/university purchase products with some recycled content?

☐ yes ☐ no
If yes, what kind of materials?

Paper

15. Does your college/university practice source reduction? (check all that apply)

☐ dishes/glasses/silverware instead of throwaways
☐ double-sided copying
☐ minimize packaging accepted from manufacturers
☐ other: ____________________________________________
☐ no

16. Does your college/university offer courses on (check all that apply):

☐ social and political aspects of hazardous and nonhazardous waste management
☐ scientific and engineering aspects of hazardous and nonhazardous waste management
☐ agricultural aspects of hazardous and nonhazardous waste management
☐ economic aspects of natural resource use and development
☐ other relevant courses

17. This question is optional for the person filling out this survey.
Name: Kendall L. Hattell
Position: Treasurer/Business Manager

18. Does your college/university give permission to use its name in any publications regarding this survey?

☐ yes ☐ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: **Manchester College**

2. Size of student body:
   - 1 - 2,000
   - 2,001 - 10,000
   - 10,001 and up

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   If yes, what kind of support does it receive?
     - Student
     - Employee

6. Which portions of the campus community participate in the recycling program?
   - students
   - staff
   - faculty
   - administration
   - other:

7. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other:

8. Which of the following materials does your program recycle? (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yard wastes
   - other:

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   drop-off bins

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
    local drop-off

11. Does your program operate at a profit or a loss?
    - profit  - loss

12. Are avoided disposal costs a reason for your recycling program?
    - yes  - no

13. Our community (check all that apply):
    - has a recycling program
    - participates in our recycling program
    - our recycling programs are completely separate
    - does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    - yes  - no
    If yes, what kind of materials?
    paper

15. Does your college/university practice source reduction? (check all that apply)
    - dishes/glasses/silverware instead of throwaways
    - double-sided copying
    - minimize packaging accepted from manufacturers
    - other: ___________________________________________
    - no

16. Does your college/university offer courses on (check all that apply):
    - social and political aspects of hazardous and nonhazardous waste management
    - scientific and engineering aspects of hazardous and nonhazardous waste management
    - agricultural aspects of hazardous and nonhazardous waste management
    - economic aspects of natural resource use and development
    - other relevant courses

17. This question is optional for the person filling out this survey.
    Name: ____________________________
    Position: __________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
    - yes  - no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Marian College

2. Size of student body:
   - 1 - 2,000
   - 2,001 - 10,000
   - 10,001 and up.

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   If yes, what kind of support does it receive?

6. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other: ______________________

7. Which of the following materials does your program recycle: (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yard wastes
   - exchange program

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?

Drop-off bins are in selected locations in academic buildings and residence halls. Maintenance picks up drop-off bins.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

Commercial recyclers for paper and aluminum cans. Drop-off for newspapers and magazines. Pick up by laser printer cartridge.

11. Does your program operate at a profit or a loss?

☐ profit  ☐ loss

12. Are avoided disposal costs a reason for your recycling program?

☐ yes  ☐ no

13. Our community (check all that apply):

☐ has a recycling program  
☐ participates in our recycling program  
☐ our recycling programs are completely separate  
☐ does not have a recycling program

14. Does your college/university purchase products with some recycled content?

☐ yes  ☐ no

If yes, what kind of materials?

Paper for printing

15. Does your college/university practice source reduction? (check all that apply)

☐ dishes/glasses/silverware instead of throwaways

☐ double-sided copying

☐ minimize packaging accepted from manufacturers

☐ other: __________________________________________

☐ no

16. Does your college/university offer courses on (check all that apply):

☐ social and political aspects of hazardous and nonhazardous waste management

☐ scientific and engineering aspects of hazardous and nonhazardous waste management

☐ agricultural aspects of hazardous and nonhazardous waste management

☐ economic aspects of natural resource use and development

☐ other relevant courses

17. This question is optional for the person filling out this survey.

Name: [Signature]

Position: Dir. of Communications

18. Does your college/university give permission to use its name in any publications regarding this survey?

☐ yes  ☐ no

Thank you for your time and effort. Please return this survey to:

Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303

A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Martin University

2. Size of student body:
   - 1 - 2,000
   - 2,001 - 10,000
   - 10,001 and up

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   - If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   - If yes, what kind of support does it receive?
     - promotion, presentations, courses

6. Which portions of the campus community participate in the recycling program?
   - students
   - staff
   - faculty
   - administration
   - other: __________________

7. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other: faculty members

8. Which of the following materials does your program recycle: (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yardwastes
   - other: __________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   drop-off bins

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   Commercial recyclers

11. Does your program operate at a profit or a loss?
   - profit
   - loss

12. Are avoided disposal costs a reason for your recycling program?
   - yes
   - no

13. Our community (check all that apply):
   - has a recycling program
   - participates in our recycling program
   - our recycling programs are completely separate
   - does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   - yes
   - no
   If yes, what kind of materials?
   - aluminum cans

15. Does your college/university practice source reduction? (check all that apply)
   - dishes/glasses/silverware instead of throwaways
   - double-sided copying
   - minimize packaging accepted from manufacturers
   - other: __________________________
   - no

16. Does your college/university offer courses on (check all that apply):
   - social and political aspects of hazardous and nonhazardous waste management
   - scientific and engineering aspects of hazardous and nonhazardous waste management
   - agricultural aspects of hazardous and nonhazardous waste management
   - economic aspects of natural resource use and development
   - other relevant courses

17. This question is optional for the person filling out this survey.
   - Name: __________________________
   - Position: ________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
   - yes
   - no

Thank you for your time and effort. Please return this survey to:
   Kimberly M. Reynolds
   1213 W. University Ave.
   Muncie, IN 47303

A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: University of Notre Dame

2. Size of student body:
   - 1 - 2,000
   - ☒ 2,001 - 10,000
   - ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
   - ☒ yes
   - ☐ no

4. Does your college/university have a recycling program?
   - ☒ yes
   - ☐ no
   - If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - ☒ yes
   - ☐ no
   - If yes, what kind of support does it receive?
     - ☒ financial support
     - ☐ other: ____________________________

6. Which portions of the campus community participate in the recycling program?
   - ☒ students
   - ☒ staff
   - ☒ faculty
   - ☒ administration
   - ☐ other: ____________________________

7. Who runs your recycling program?
   - ☒ students only
   - ☐ administration only
   - ☒ cooperative program between students and administration
   - ☐ other: ____________________________

8. Which of the following materials does your program recycle: (check all that apply)
   - ☒ high grade office paper
   - ☒ computer paper
   - ☒ newspaper
   - ☒ cardboard
   - ☒ glass
   - ☒ aluminum cans
   - ☒ steel cans
   - ☒ plastics
   - ☒ batteries
   - ☒ scrap appliances
   - ☒ laser printer cartridges
   - ☒ motor oil
   - ☒ construction debris
   - ☒ tires
   - ☒ hazardous wastes
   - ☒ clothing, reusable goods, furniture
   - ☒ composting of yardwastes
   - ☐ other: ____________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   Drop-off bins and containers in buildings and dormitories. Collected
   and transported to central campus location. Collection process
   also involves volunteer (student) labor.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   Local recycling company/broker receives the collected materials
   from the university and takes them to market.

11. Does your program operate at a profit or a loss?
    ☐ profit  ☑ loss

12. Are avoided disposal costs a reason for your recycling program?
    ☐ yes  ☑ no

13. Our community (check all that apply):
    ☐ has a recycling program
    ☐ participates in our recycling program
    ☐ our recycling programs are completely separate
    ☑ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    ☑ yes  ☐ no
    If yes, what kind of materials?
    Paper products; plastic trash containers; recharged toner cartridge.

15. Does your college/university practice source reduction? (check all that apply)
    ☐ dishes/glasses/silverware instead of throwaways
    ☐ double-sided copying
    ☑ minimize packaging accepted from manufacturers
    ☑ other: pallets are recycled; shrink-wrap is recycled
    ☐ no

16. Does your college/university offer courses on (check all that apply):
    ☐ social and political aspects of hazardous and nonhazardous waste management
    ☐ scientific and engineering aspects of hazardous and nonhazardous waste management
    ☐ agricultural aspects of hazardous and nonhazardous waste management
    ☐ economic aspects of natural resource use and development
    ☑ other relevant courses

17. This question is optional for the person filling out this survey.
    Name: Linda Thomson
    Position: Asst. Div. of Purchasing

18. Does your college/university give permission to use its name in any publications regarding this
    survey?
    ☐ yes  ☑ no

Thank you for your time and effort. Please return this survey to:
   Kimberly M. Reynolds
   1213 W. University Ave.
   Muncie, IN 47303
   A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: ______________________

   - Size of student body:
     - □ 1 - 2,000
     - □ 2,001 - 10,000
     - □ 10,001 and up

3. Does your community have a mandatory recycling program?
   - □ yes
   - □ no

4. Does your college/university have a recycling program?
   - □ yes
   - □ no
   - If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - □ yes
   - □ no
   - If yes, what kind of support does it receive?
     - Funded by Physical Facilities and Self-Supporting Units like Residence Halls, Intercollegiate Athletics, and Married Student Housing.

6. Which portions of the campus community participate in the recycling program? (check all that apply)
   - □ students
   - □ staff
   - □ faculty
   - □ administration
   - □ other: ______________________

7. Who runs your recycling program?
   - □ students only
   - □ administration only
   - □ cooperative program between students and administration
   - □ other: ______________________

8. Which of the following materials does your program recycle: (check all that apply)
   - □ high grade office paper
   - □ computer paper
   - □ newspaper
   - □ cardboard
   - □ glass
   - □ aluminum cans
   - □ steel cans
   - □ plastics
   - □ batteries
   - □ scrap appliances
   - □ laser printer cartridges
   - □ motor oil
   - □ construction debris
   - □ tires
   - □ hazardous wastes
   - □ clothing, reusable goods, furniture
   - □ composting of yardwastes
   - □ other: ______________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   Paper is collected in central collection containers inside 84 UNII buildings
   emptied by custodians into Purdue Recycling carts — picked up by Recycling
   crews (one per truck, two routes) and unloaded at contractors' trailers.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
    Paper goes by semi-trailer loads to HJ Waste, Paper is baled and sent to paper mills; Cardboard is picked up separately
    baled or compacted on-campus and sent to Jefferson Smurfit mill in
    Lafayette (3 miles from campus) for re-use.

11. Does your program operate at a profit or a loss?
    □ profit    □ loss (a slight one)

12. Are avoided disposal costs a reason for your recycling program?
    □ yes    □ no

13. Our community (check all that apply):
    □ has a recycling program
    □ participates in our recycling program
    □ our recycling programs are completely separate
    □ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    □ yes    □ no
    If yes, what kind of materials?
    Copper paper, office supplies, printing paper used by Printing Services; packaging like cardboard boxes all have recycled content

15. Does your college/university practice source reduction? (check all that apply)
    □ dishes/glasses/silverware instead of throwaways at all Residence Halls, most cafeterias
    □ double-sided copying
    □ minimize packaging accepted from manufacturers (especially large items like office furniture)
    □ other: ____________________________
    □ no

16. Does your college/university offer courses on (check all that apply):
    □ social and political aspects of hazardous and nonhazardous waste management
    □ scientific and engineering aspects of hazardous and nonhazardous waste management
    □ agricultural aspects of hazardous and nonhazardous waste management
    □ economic aspects of natural resource use and development
    □ other relevant courses

17. This question is optional for the person filling out this survey.
    Name: Chris Nolte
    Position: Refuse/Recycling Coordinator (Card enclosed)

18. Does your college/university give permission to use its name in any publications regarding this survey?
    □ yes    □ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: St. Francis College

2. Size of student body:
   ☑ 1 - 2,000
   ☐ 2,001 - 10,000
   ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
   ☑ yes  ☐ no

4. Does your college/university have a recycling program?
   ☑ yes  ☐ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   ☑ yes  ☐ no
   If yes, what kind of support does it receive?
   ☑ Moral ☑ Financial

6. Which portions of the campus community participate in the recycling program?
   ☑ students (check all that apply)
   ☑ staff
   ☑ faculty
   ☑ administration
   ☑ other: ________________________________

7. Who runs your recycling program?
   ☑ students only
   ☑ administration only
   ☑ cooperative program between students and administration
   ☑ other: ________________________________

8. Which of the following materials does your program recycle: (check all that apply)
   ☑ high grade office paper
   ☑ computer paper
   ☐ newspaper
   ☑ cardboard
   ☑ glass
   ☑ aluminum cans
   ☑ steel cans
   ☑ plastics
   ☑ batteries
   ☑ scrap appliances
   ☑ laser printer cartridges
   ☑ motor oil
   ☑ construction debris
   ☑ tires
   ☑ hazardous wastes
   ☑ clothing, reusable goods, furniture
   ☑ composting of yard wastes
   ☑ other: ________________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   - Paper
   - Aluminum in drop-off bins
   - Rest is collected by staff

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   - Local and non-local commercial recyclers

11. Does your program operate at a profit or a loss?
   - □ Profit  □ Loss

12. Are avoided disposal costs a reason for your recycling program?
   - □ Yes  □ No

13. Our community (check all that apply):
   - □ Has a recycling program
   - □ Participates in our recycling program
   - □ Our recycling programs are completely separate
   - □ Does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   - □ Yes  □ No
   - If yes, what kind of materials?
     - Paper

15. Does your college/university practice source reduction? (check all that apply)
   - □ Dishes/glasses/silverware instead of throwaways
   - □ Double-sided copying
   - □ Minimize packaging accepted from manufacturers
   - □ Other: ________________________________
   - □ No

16. Does your college/university offer courses on (check all that apply):
   - □ Social and political aspects of hazardous and nonhazardous waste management
   - □ Scientific and engineering aspects of hazardous and nonhazardous waste management
   - □ Agricultural aspects of hazardous and nonhazardous waste management
   - □ Economic aspects of natural resource use and development
   - □ Other relevant courses: Biology Dept. offers two Environmental Science programs

17. This question is optional for the person filling out this survey.
   - Name: Richard Russo
   - Position: Director of Safety & Environmental Management

18. Does your college/university give permission to use its name in any publications regarding this survey?
   - □ Yes  □ No

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: _SAINT JOSPEH'S COLLEGE_

2. Size of student body:
   - 2,000
   - 2,001 - 10,000
   - 10,001 and up

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   If yes, what kind of support does it receive?

6. Which portions of the campus community participate in the recycling program?
   - students
   - staff
   - faculty
   - administration
   - other: ____________________________

7. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other: ____________________________

8. Which of the following materials does your program recycle: (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yardwastes
   - other: ____________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

11. Does your program operate at a profit or a loss?
   - [ ] profit
   - [X] loss

12. Are avoided disposal costs a reason for your recycling program?
   - [ ] yes
   - [ ] no

13. Our community (check all that apply):
   - [X] has a recycling program
   - [ ] participates in our recycling program
   - [ ] our recycling programs are completely separate
   - [ ] does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   - [ ] yes
   - [ ] no
   If yes, what kind of materials?

15. Does your college/university practice source reduction? (check all that apply)
   - [X] dishes/glasses/silverware instead of throwaways
   - [ ] double-sided copying
   - [ ] minimize packaging accepted from manufacturers
   - [ ] other: ________________________________
   - [ ] no

16. Does your college/university offer courses on (check all that apply):
   - [X] social and political aspects of hazardous and nonhazardous waste management
   - [ ] scientific and engineering aspects of hazardous and nonhazardous waste management
   - [ ] agricultural aspects of hazardous and nonhazardous waste management
   - [ ] economic aspects of natural resource use and development
   - [ ] other relevant courses

17. This question is optional for the person filling out this survey.
   Name: ________________________________
   Position: ________________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
   - [ ] yes
   - [X] no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Saint Mary's College, N.S. Antigua

   Size of student body:
   - □ 1 - 2,000
   - □ 2,001 - 10,000
   - □ 10,001 and up

3. Does your community have a mandatory recycling program?
   - □ yes
   - □ no

4. Does your college/university have a recycling program?
   - □ yes
   - □ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - □ yes
   - □ no
   If yes, what kind of support does it receive?
   - Supervised and funded by College Administration
   - The student recycling organization has disbanded

6. Which portions of the campus community participate in the recycling program? (check all that apply)
   - □ students
   - □ staff
   - □ faculty
   - □ administration
   - □ other: ________________________________

7. Who runs your recycling program?
   - □ students only
   - □ administration only
   - □ cooperative program between students and administration
   - □ other: ________________________________

8. Which of the following materials does your program recycle: (check all that apply)
   - □ high grade office paper
   - □ computer paper
   - □ newspaper
   - □ cardboard
   - □ glass
   - □ aluminum cans
   - □ steel cans
   - □ plastics
   - □ batteries
   - □ scrap appliances
   - □ laser printer cartridges
   - □ motor oil
   - □ construction debris
   - □ tires
   - □ hazardous wastes
   - □ clothing, reusable goods, furniture
   - □ composting of yard wastes
   - □ other: Cardboard at post service

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?

Primarily at drop-off points in all buildings, including residential areas.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

11. Does your program operate at a profit or a loss?
   - [ ] profit
   - [X] loss

12. Are avoided disposal costs a reason for your recycling program?
   - [ ] yes
   - [X] no

13. Our community (check all that apply):
   - [ ] has a recycling program
   - [X] participates in our recycling program
   - [ ] our recycling programs are completely separate
   - [ ] does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   - [X] yes
   - [ ] no
   If yes, what kind of materials?
   Primary paper and printed materials.

15. Does your college/university practice source reduction? (check all that apply)
   - [X] dishes/glasses/silverware instead of throwaways
   - [ ] double-sided copying
   - [ ] minimize packaging accepted from manufacturers
   - [ ] other: ______________________________
   - [ ] no

16. Does your college/university offer courses on (check all that apply):
   - [ ] social and political aspects of hazardous and nonhazardous waste management
   - [ ] scientific and engineering aspects of hazardous and nonhazardous waste management
   - [ ] agricultural aspects of hazardous and nonhazardous waste management
   - [ ] economic aspects of natural resource use and development
   - [ ] other relevant courses

17. This question is optional for the person filling out this survey.
   Name: ____________________________
   Position: __________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
   - [ ] yes
   - [X] no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: St. Meinrad Seminary

2. Size of student body:
- ☑ 1 - 2,000
- ☐ 2,001 - 10,000
- ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
- ☑ yes
- ☐ no

4. Does your college/university have a recycling program?
- ☑ yes
- ☐ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
- ☑ yes
- ☐ no
   If yes, what kind of support does it receive?
   Financial, staffing, etc.

6. Which portions of the campus community participate in the recycling program?
- ☑ students
- ☐ staff
- ☑ faculty
- ☑ administration
- ☐ other: __________________________

7. Who runs your recycling program?
- ☑ students only
- ☐ administration only
- ☑ cooperative program between students and administration
- ☐ other: __________________________

8. Which of the following materials does your program recycle: (check all that apply)
- ☑ high grade office paper
- ☑ computer paper
- ☑ newspaper
- ☑ cardboard
- ☑ glass
- ☑ aluminum cans
- ☑ steel cans
- ☐ plastics
- ☐ batteries
- ☑ scrap appliances
- ☑ laser printer cartridges
- ☑ motor oil
- ☐ construction debris
- ☐ tires
- ☑ hazardous wastes
- ☐ clothing, reusable goods, furniture
- ☑ composting of yard wastes
- ☐ other: __________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)? Everyone has blue recycling wastebaskets, Houskeeping pick up. Cardboard, tin cans, aluminum cans and glass dropped off.

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)? Paper baled and sold to Fort Howard who picks up. Steel, aluminum, glass, appliances taken to dealers. Hazardous waste picked up by licensed handler. Compost is chipped and used on grounds. Oil is picked up by oil recycling company.

11. Does your program operate at a profit or a loss?
   ☑ profit  ☐ loss  On paper products and aluminum only.

12. Are avoided disposal costs a reason for your recycling program?
   ☑ yes  ☐ no

13. Our community (check all that apply):
   ☐ has a recycling program
   ☐ participates in our recycling program
   ☐ our recycling programs are completely separate
   ☑ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   ☑ yes  ☐ no
   If yes, what kind of materials? Printing paper

15. Does your college/university practice source reduction? (check all that apply)
   ☐ dishes/glasses/silverware instead of throwaways
   ☑ double-sided copying
   ☐ minimize packaging accepted from manufacturers
   ☐ other: ________________________________
   ☐ no

16. Does your college/university offer courses on (check all that apply):
   ☐ social and political aspects of hazardous and nonhazardous waste management
   ☐ scientific and engineering aspects of hazardous and nonhazardous waste management
   ☐ agricultural aspects of hazardous and nonhazardous waste management
   ☐ economic aspects of natural resource use and development
   ☐ other relevant courses

17. This question is optional for the person filling out this survey.
    Name: Frank Marsili
    Position: Director, Physical Facilities

18. Does your college/university give permission to use its name in any publications regarding this survey?
   ☑ yes  ☐ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: University of Southern Indiana

2. Size of student body:
   - 1 - 2,000
   - 2,001 - 10,000
   - 10,001 and up

3. Does your community have a mandatory recycling program?
   - yes
   - no

4. Does your college/university have a recycling program?
   - yes
   - no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - yes
   - no
   If yes, what kind of support does it receive?
     promotional; bins provided; collection fees paid

6. Which portions of the campus community participate in the recycling program?
   - students
   - staff
   - faculty
   - administration
   - other:

7. Who runs your recycling program?
   - students only
   - administration only
   - cooperative program between students and administration
   - other:

8. Which of the following materials does your program recycle: (check all that apply)
   - high grade office paper
   - computer paper
   - newspaper
   - cardboard
   - glass
   - aluminum cans
   - steel cans
   - plastics
   - batteries
   - scrap appliances
   - laser printer cartridges
   - motor oil
   - construction debris
   - tires
   - hazardous wastes
   - clothing, reusable goods, furniture
   - composting of yard wastes
   - other:

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?  

   Bins

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

   Commercially

11. Does your program operate at a profit or a loss?

   □ profit  □ loss

12. Are avoided disposal costs a reason for your recycling program?

   □ yes  □ no  not really

13. Our community (check all that apply):

   □ has a recycling program
   □ participates in our recycling program
   □ our recycling programs are completely separate
   □ does not have a recycling program

14. Does your college/university purchase products with some recycled content?

   □ yes  □ no

   If yes, what kind of materials?

   paper, plastics, unsure or others

15. Does your college/university practice source reduction? (check all that apply)

   □ dishes/glasses/silverware instead of throwaways
   □ double-sided copying
   □ minimize packaging accepted from manufacturers
   □ other: ________________________________
   □ no

16. Does your college/university offer courses on (check all that apply):

   □ social and political aspects of hazardous and nonhazardous waste management
   □ scientific and engineering aspects of hazardous and nonhazardous waste management
   □ agricultural aspects of hazardous and nonhazardous waste management
   □ economic aspects of natural resource use and development
   □ other relevant courses

17. This question is optional for the person filling out this survey.

   Name: Sherriane Standley
   Position: VP University Relations

18. Does your college/university give permission to use its name in any publications regarding this survey?

   □ yes  □ no

Thank you for your time and effort. Please return this survey to:

   Kimberly M. Reynolds
   1213 W. University Ave.
   Muncie, IN 47303

A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: TAYLOR UNIVERSITY

2. Size of student body:
   ☐ 1 - 2,000
   ☐ 2,001 - 10,000
   ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
   ☐ yes ☐ no

4. Does your college/university have a recycling program?
   ☑ yes ☐ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   ☑ yes ☐ no
   If yes, what kind of support does it receive?

6. Which portions of the campus community participate in the recycling program?
   ☑ students (check all that apply)
   ☐ staff
   ☐ faculty
   ☐ administration
   ☐ other: ____________________________________________

7. Who runs your recycling program?
   ☐ students only
   ☐ administration only
   ☐ cooperative program between students and administration
   ☐ other: ____________________________________________

8. Which of the following materials does your program recycle: (check all that apply)
   ☑ high grade office paper
   ☑ computer paper
   ☐ newspaper
   ☐ cardboard
   ☐ glass
   ☐ aluminum cans
   ☐ steel cans
   ☐ plastics
   ☐ batteries
   ☐ scrap appliances
   ☐ laser printer cartridges
   ☐ motor oil
   ☐ construction debris
   ☐ tires
   ☐ hazardous wastes
   ☑ clothing, reusable goods, furniture
   ☐ composting of yardwastes
   ☐ other: ____________________________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   drop-off bins
   containers in various locations in each blo. that are picked up daily

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

11. Does your program operate at a profit or a loss?
    - profit
    - loss

12. Are avoided disposal costs a reason for your recycling program?
    - yes
    - no

13. Our community (check all that apply):
    - has a recycling program
    - participates in our recycling program
    - our recycling programs are completely separate
    - does not have a recycling program

14. Does your college/university purchase products with some recycled content?
    - yes
    - no
    If yes, what kind of materials?
    - copy paper
    - office supplies
    - trash containers

15. Does your college/university practice source reduction? (check all that apply)
    - dishes/glasses/silverware instead of throwaways
    - double-sided copying
    - minimize packaging accepted from manufacturers
    - other: ____________________________
    - no

16. Does your college/university offer courses on (check all that apply):
    - social and political aspects of hazardous and nonhazardous waste management
    - scientific and engineering aspects of hazardous and nonhazardous waste management
    - agricultural aspects of hazardous and nonhazardous waste management
    - economic aspects of natural resource use and development
    - other relevant courses

17. This question is optional for the person filling out this survey.
    Name: L. A. WATSON
    Position: DIRECTOR OF OFFICE SERVICES

18. Does your college/university give permission to use its name in any publications regarding this survey?
    - yes
    - no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name:  

2. Size of student body:  
   ☑ 1 - 2,000  
   ☐ 2,001 - 10,000  
   ☐ 10,001 and up  

3. Does your community have a mandatory recycling program?  
   ☐ yes ☑ no  

4. Does your college/university have a recycling program?  
   ☑ yes ☑ no  
   If no, please go to number 14.  

5. Does your recycling program receive institutional support?  
   ☐ yes ☑ no  
   If yes, what kind of support does it receive?  

6. Which portions of the campus community participate in the recycling program?  
   ☐ students (check all that apply)  
   ☐ staff  
   ☐ faculty  
   ☐ administration  
   ☐ other: ____________________  

7. Who runs your recycling program?  
   ☐ students only  
   ☐ administration only  
   ☐ cooperative program between students and administration  
   ☐ other: ____________________  

8. Which of the following materials does your program recycle: (check all that apply)  
   ☐ high grade office paper  
   ☐ computer paper  
   ☐ newspaper  
   ☐ cardboard  
   ☐ glass  
   ☐ aluminum cans  
   ☐ steel cans  
   ☐ plastics  
   ☐ batteries  
   ☐ scrap appliances  
   ☐ laser printer cartridges  
   ☐ motor oil  
   ☐ construction debris  
   ☐ tires  
   ☐ hazardous wastes  
   ☐ clothing, reusable goods, furniture  
   ☐ composting of yardwastes  
   ☐ other: ____________________  

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?

11. Does your program operate at a profit or a loss?
   - profit
   - loss

12. Are avoided disposal costs a reason for your recycling program?
   - yes
   - no

13. Our community (check all that apply):
   - has a recycling program
   - participates in our recycling program
   - our recycling programs are completely separate
   - does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   - yes
   - no
   If yes, what kind of materials?
   - paper

15. Does your college/university practice source reduction? (check all that apply)
   - dishes/glasses/silverware instead of throwaways
   - double-sided copying
   - minimize packaging accepted from manufacturers
   - other:

16. Does your college/university offer courses on (check all that apply):
   - social and political aspects of hazardous and nonhazardous waste management
   - scientific and engineering aspects of hazardous and nonhazardous waste management
   - agricultural aspects of hazardous and nonhazardous waste management
   - economic aspects of natural resource use and development
   - other relevant courses

17. This question is optional for the person filling out this survey.
   - Name: ________________________________
   - Position: ______________________________

18. Does your college/university give permission to use its name in any publications regarding this survey?
   - yes
   - no

Thank you for your time and effort. Please return this survey to:
   Kimberly M. Reynolds
   1213 W. University Ave.
   Muncie, IN 47303
   A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Valparaiso University

2. Size of student body:
   - ☐ 1 - 2,000
   - ☑ 2,001 - 10,000
   - ☐ 10,001 and up

3. Does your community have a mandatory recycling program?
   - ☐ yes
   - ☑ no

4. Does your college/university have a recycling program?
   - ☐ yes
   - ☑ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - ☐ yes
   - ☑ no
   If yes, what kind of support does it receive?
     - ☐ Physical plant funds the project
     - ☐ Housekeeping provides the labor

6. Which portions of the campus community participate in the recycling program?
   - ☐ students (check all that apply)
   - ☐ staff
   - ☐ faculty
   - ☐ administration
   - ☐ other: ________________________________
   - Our program is in the process of implementation but will be comprehensive

   . Who runs your recycling program?
   - ☐ students only
   - ☐ administration only
   - ☐ cooperative program between students and administration
   - ☐ other: ________________________________

8. Which of the following materials does your program recycle: (check all that apply)
   - ☐ high grade office paper (in the near future)
   - ☐ computer paper
   - ☐ newspaper
   - ☐ cardboard
   - ☐ glass (clear)
   - ☐ aluminum cans
   - ☐ steel cans
   - ☐ plastics
   - ☐ batteries
   - ☐ scrap appliances
   - ☐ laser printer cartridges
   - ☐ motor oil
   - ☐ construction debris
   - ☐ tires
   - ☐ hazardous wastes
   - ☐ clothing, reusable goods, furniture
   - ☐ composting of yardwastes (we chip up branches coarse in and around plantings)
   - ☐ other: ________________________________

   (Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   our vendor will pick up comingle - so we sent only one
cycle vs. recyle - house-wives maintain the sort from the building
to the dumpsters

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   a local refuse company runs a recycle operation - he collects
   our dumpsters

11. Does your program operate at a profit or a loss?
   ☐ profit ☒ loss

12. Are avoided disposal costs a reason for your recycling program?
   ☐ yes ☒ no

13. Our community (check all that apply):
   ☒ has a recycling program
   ☐ participates in our recycling program
   ☐ our recycling programs are completely separate
   ☐ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   ☒ yes ☐ no
   If yes, what kind of materials?
   There is no mandate to do so - but in physical plant we
   look for opportunities on plastic products and paper products

15. Does your college/university practice source reduction? (check all that apply)
   ☒ dishes/glasses/silverware instead of throwaways
   ☐ double-sided copying
   ☐ minimize packaging accepted from manufacturers
   ☐ other: ________________________________
   ☐ no

16. Does your college/university offer courses on (check all that apply):
   ☐ social and political aspects of hazardous and nonhazardous waste management
   ☐ scientific and engineering aspects of hazardous and nonhazardous waste management
   ☐ agricultural aspects of hazardous and nonhazardous waste management
   ☐ economic aspects of natural resource use and development
   ☐ other relevant courses

17. This question is optional for the person filling out this survey.
   Name: ____________________________________
   Position: ________________________________

18. Does your college/university give permission to use its name in any publications regarding this
   survey?
   ☐ yes ☒ no

Thank you for your time and effort. Please return this survey to:
   Kimberly M. Reynolds
   1213 W. University Ave.
   Muncie, IN 47303

A self-addressed, stamped envelope is enclosed for your convenience.
1. College/University name: Indiana University

2. Size of student body:
   - □ 2,001 - 10,000
   - □ 10,001 and up

3. Does your community have a mandatory recycling program?
   - □ yes
   - □ no

4. Does your college/university have a recycling program?
   - □ yes
   - □ no
   If no, please go to number 14.

5. Does your recycling program receive institutional support?
   - □ yes
   - □ no
   If yes, what kind of support does it receive?

- MANPOWER
- CONTAINERS
- WORKSHOPS/SEMINARS
- EDUCATIONAL MATERIALS
- TRANSPORTATION

6. Which portions of the campus community participate in the recycling program?
   - □ students
   - □ staff
   - □ faculty
   - □ administration
   - □ other: ________________________________

   Who runs your recycling program?
   - □ students only
   - □ administration only
   - □ cooperative program between students and administration
   - □ other: ________________________________

   ADMINISTERED BY THE ENVIRONMENTAL SAFETY OFFICE.

8. Which of the following materials does your program recycle: (check all that apply)
   - □ high grade office paper
   - □ computer paper
   - □ newspaper (This is cyclical: based on demand)
   - □ cardboard
   - □ glass
   - □ aluminum cans
   - □ steel cans
   - □ plastics
   - □ batteries
   - □ scrap appliances
   - □ laser printer cartridges
   - □ motor oil
   - □ construction debris
   - □ tires
   - □ hazardous wastes
   - □ clothing, reusable goods, furniture
   - □ composting of yardwastes
   - □ other: ________________________________

(Please complete reverse side)
9. How are these materials collected (i.e. drop-off bins)?
   PICK UP BY CAMPUS MAINTENANCE AND TAKEN TO CENTRAL YARD
   WHERE IT IS TAKEN OFF CAMPUS BY COMMERCIAL VENDORS, OR
   CAMPUS MAINTENANCE TAKES MATERIAL DIRECTLY TO A COMMERCIAL SCRAP

10. How are these items recycled (i.e. commercial recyclers, processors, local methods)?
   COMMERCIAL RECYCLERS

11. Does your program operate at a profit or a loss?
   ○ profit    ❏ loss

12. Are avoided disposal costs a reason for your recycling program?
   ○ yes      ❏ no

13. Our community (check all that apply):
   ❏ has a recycling program
   ○ participates in our recycling program
   ✗ our recycling programs are completely separate
   ○ does not have a recycling program

14. Does your college/university purchase products with some recycled content?
   ❏ yes      ○ no
   If yes, what kind of materials?
   PAPER, OIL

15. Does your college/university practice source reduction? (check all that apply)
   ❏ dishes/glasses/silverware instead of throwaways
   ❏ double-sided copying
   ○ minimize packaging accepted from manufacturers
   ○ other: _______________________________________________________
   ○ no

16. Does your college/university offer courses on (check all that apply):
   ○ social and political aspects of hazardous and nonhazardous waste management
   ○ scientific and engineering aspects of hazardous and nonhazardous waste management
   ○ agricultural aspects of hazardous and nonhazardous waste management
   ○ economic aspects of natural resource use and development
   ○ other relevant courses

17. This question is optional for the person filling out this survey.
   Name: PHILIP C. GROUNDS
   Position: DIRECTOR, ENVIRONMENTAL SAFETY & ENGINEERING

18. Does your college/university give permission to use its name in any publications regarding this
    survey?
   ○ yes      ○ no

Thank you for your time and effort. Please return this survey to:
Kimberly M. Reynolds
1213 W. University Ave.
Muncie, IN 47303
A self-addressed, stamped envelope is enclosed for your convenience.
In the summer of 1989, a session of the eighth National Recycling Coalition (NRC) was held on the subject of recycling at U.S. universities. Recycling was in its infancy, one paper concluded, since only a handful of institutions were involved. Several of those were long-term projects, other papers concluded, having antedated the recycling "fad" of the late 1980s: a University of Minnesota recycling program for office paper had begun in 1984 in one building; Rutgers and Dartmouth had instituted multi-material, comprehensive programs in 1987. The Rutgers program had existed for 15 years on a limited, voluntary basis. The papers presented at this session concluded that these programs, while good models, were not representative of the state of recycling at the nation's colleges and universities.

The NRC session did not try to address other waste management issues that campus waste managers today need to answer. Were campuses reducing waste? Had recycling programs been undertaken with institutional support, and might therefore be likely to be around five years later? What campus community members were involved? Were campus procurement officers involved in closing the loop, i.e. purchasing products made with recycled content at some standard, if not the U.S. EPA standard, for paper, paper products, recycled used oil, recycled tires, and other materials?

These questions are not entirely new, nor is recycling on campus entirely new. "Recycling" was one of the first answers to the question, "What positive steps can students take to help the Earth?" in the wake of Earth Day 1970. In the 1970s, many campuses had student-run...
recycling programs functioning. The organization "Environmental Action" frequently ran these programs, as did the Public Interest Research Groups. However, most of these programs did not have full campus community support, and were not institutionalized. They tended to die when their most activist student members graduated.

**Campus waste**

Many variables define the amount and composition of the wastes that campuses generate. These include the presence of a mandatory legal requirement that either requires recycling a portion of the waste stream, or bans disposal of certain materials in landfills or by incineration. This affects all of society. Massachusetts, New York, New Jersey, and Connecticut are four examples of Northeastern states that have such mandates. One set of variables involves obvious classifiers such as campus size, location, and type of professional schools (which generate specialized wastes) within a university. Another set of variables involves not-so-obvious classifiers such as the amount of construction, demolition, and groundskeeping that goes on at a campus, or the number and placement of residence halls and dining facilities. Wastes on campus are generated in residence halls, dining facilities, offices, classrooms, laboratories, libraries, and physical plants for energy, lighting, and heating, as well as in specialized parts of medical school, agricultural school, and engineering school facilities.

Wastes one would not expect to be problems on campus are present. Several examples: a large source of mercury pollution in landfills and in the ash at municipal and medical incinerators is traceable to the use of mercury-bearing amalgams used in dental schools and student-run dental clinics. Fluorescent lighting, almost universally used in campus buildings, is another source of mercury contamination during waste disposal operations. Campus computer centers generate large quantities of laser printer cartridge waste. Laser printer cartridges are reusable after processing, but comparatively few campus recycling programs return them to a recycler for reinking and reuse. White goods—used individually or in small dormitory-suite size groups of students—are frequently abandoned at the end of the school year, creating enormous mounds of small refrigerators, stoves, and hot plates for janitorial staff to deal with.

In 1982, a small solid wastes survey conducted at the University of Maryland, American University, the University of Illinois, and the University of Wisconsin, Milwaukee, revealed that between 0.86 and 2 pounds per person, per day, of solid waste was generated on these college campuses. The variability was largely a function of whether there were special programs that generated special wastes on campus, such as those in specialized professional schools.

In 1990, one major university reported generating approximately 6 pounds of waste per person, per day, compared with a national average of 4.3 pounds per person, per day. What is happening to that waste?

An aspect of waste management that remains unnoticed is the unique position of colleges and universities to both teach solid waste management and practice it using one's own campus as a laboratory. Have our institutions seized this opportunity?

In answer to these and related questions concerning multifaceted opportunities for source reduction, recycling, procurement, and classroom education, this article reports the results of a survey of 61 colleges and universities. The survey was conducted by mail during the 1992-93 academic year using a standardized form and was sent to 100 institutions of sizes varying from less than 2,000 to more than 10,000 in student population. The survey most properly could be said to reflect conditions at campuses in the Northeast; 80 survey instruments went to Northeast campuses, and 20 were sent to other regions of the U.S. as a geographic control. The 61 responses reported here come from:

<table>
<thead>
<tr>
<th>Group</th>
<th>Colleges/Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Colleges/Universities with &lt;2,000: 15</td>
</tr>
<tr>
<td>2</td>
<td>Colleges/Universities with 2,000-10,000: 26</td>
</tr>
<tr>
<td>3</td>
<td>Colleges/Universities with &gt;10,000: 20</td>
</tr>
</tbody>
</table>

The survey was sent to the public/university relations officer of each institution. Where a respondent's title was indicated (half of the time) responses were chiefly received from either the head of janitorial services, from a staff member in the physical plant, or from an administrator.

### Table 1

**Purchase products with some recycled content?**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycled office paper</td>
<td>46</td>
<td>38</td>
<td>15</td>
<td>6</td>
</tr>
<tr>
<td>Recycled landscaping supplies</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Recycled building materials</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other materials</td>
<td>61</td>
<td>61</td>
<td>61</td>
<td>61</td>
</tr>
</tbody>
</table>

*Other materials mentioned include two campuses for each of several procured items: furniture, furnishings and janitorial supplies. One campus has found a way of purchasing recycled electrical supplies (lightbulbs).*
In nine cases, a person whose title was either recycling coordinator, environmental coordinator, or solid waste coordinator was the respondent.

**Recycling**

All 61 responding institutions have a recycling program. The most commonly recycled materials are high-grade office and computer paper, and aluminum cans. A surprisingly high number (49 of 61) also recycle newspaper and other low-grade papers cannot be sold at all or at a cost-recovering price due to a two-year-long glut on the market. Glass is the fourth most recycled material on campus, while steel cans and other metals are recycled in slightly more than half the reporting institutions.

Due probably to lack of knowledge of their value or recyclability, many materials that can be profitably sold to recyclers are collected on less than half of the responding campuses. Minor waste stream components, such as batteries, scrap appliances, and laser cartridges are recycled, but with less frequency than the major waste stream components of paper, metals, and glass.

Yard waste is being collected for composting off-campus, or composted on campus by buildings and grounds staff or by agricultural schools on or off campus in 35 of 61 cases.

Institutional size has little bearing on what or how many materials are collected for recycling. Eight of the 15 smallest institutions of Group 1 recycle the basic materials—paper, aluminum, metals, and glass—and also some smaller volume wastes such as batteries, laser cartridges, or food waste. Similarly, 16 of 26 of the institutions in mid-size Group 2 do the same basic materials plus lower-volume materials traffic, and 12 of the 20 institutions in 10,000+ student population Group 3 do the same. There is a tendency for the largest institutions to collect more materials for recycling than do small institutions. There is also a tendency for both the smaller and the larger institutions to recycle hard-to-dispose materials. Of the 19 institutions that recycle cardboard, five are from Group 1, nine are from Group 2, and five are from Group 3.

Relatively few campus recycling programs handle materials that are technically (as opposed to economically) hard to dispose. Just seven programs recycle used motor oil; another three programs recycle construction debris; three programs recycle tires; and one program attempts to recycle hazardous waste.

A word about saleable recyclables. For over a year, the only high-volume recyclable materials for which a sustained market with reasonable pricing paid by recyclers, regardless of regional market they were being sold in, have been steel, lead, copper, tin, and aluminum. High-grade paper has kept some of its salability, but not all of it. Plastics are very low-priced recyclables, but they have kept up as a marketable recycled commodity. In this context, it is nothing short of amazing that most campus recycling programs still collect and sell high- and low-grade paper, glass, and other less marketable materials.

Who is operating campus recycling programs? Recycling programs are most frequently run by campus administration or staff members, not by students. Students, staff, and administration cooperatively run one-fourth of all reporting programs. Students and staff cooperatively run 11 programs. The pattern holds true in Groups 1, 2, and 3: students alone do not run recycling programs; staff and administration alone do. But students participating with staff and/or administration run the largest number of programs. Cooperative efforts do work, for, in what may be the best waste management program all-around, the vast majority of these are similarly, cooperatively run.

---

**Table 2**

<table>
<thead>
<tr>
<th>Colleges/universities with comprehensive recycling, reduction, and procurement programs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In Group 1 (less than 2,000 students):</strong></td>
</tr>
<tr>
<td>Johnson State College, Vermont</td>
</tr>
<tr>
<td>Hobart &amp; William Smith College, New York</td>
</tr>
<tr>
<td>SUNY at New Paltz, New York</td>
</tr>
<tr>
<td>University of New Haven, Connecticut</td>
</tr>
<tr>
<td>University of Vermont</td>
</tr>
<tr>
<td>Brown University, Rhode Island</td>
</tr>
<tr>
<td>Ithaca College, New York</td>
</tr>
<tr>
<td>University of Maine at Augusta</td>
</tr>
<tr>
<td>Colgate University, New York</td>
</tr>
<tr>
<td>Plymouth State College, New Hampshire</td>
</tr>
<tr>
<td>Smith College, Massachusetts</td>
</tr>
<tr>
<td><strong>In Group 2 (2,000-10,000 students):</strong></td>
</tr>
<tr>
<td>Dartmouth College, New Hampshire</td>
</tr>
<tr>
<td>DePauw University, Indiana</td>
</tr>
<tr>
<td>Princeton University, New Jersey</td>
</tr>
<tr>
<td>Rensselaer Polytechnic Institute, New York</td>
</tr>
<tr>
<td>University of New Haven, Connecticut</td>
</tr>
<tr>
<td>University of Vermont</td>
</tr>
<tr>
<td>Brown University, Rhode Island</td>
</tr>
<tr>
<td>Ithaca College, New York</td>
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</tr>
<tr>
<td>Colgate University, New York</td>
</tr>
<tr>
<td>Plymouth State College, New Hampshire</td>
</tr>
<tr>
<td>Smith College, Massachusetts</td>
</tr>
<tr>
<td><strong>In Group 3 (10,000+ students):</strong></td>
</tr>
<tr>
<td>Bowling Green State University, Ohio</td>
</tr>
<tr>
<td>University of Maine at Orono</td>
</tr>
<tr>
<td>Cornell University, New York</td>
</tr>
<tr>
<td>Rochester Institute of Technology, New York</td>
</tr>
<tr>
<td>Florida State University</td>
</tr>
<tr>
<td>University of Rhode Island</td>
</tr>
<tr>
<td>University of Southern Maine</td>
</tr>
<tr>
<td>George Mason University, Virginia</td>
</tr>
<tr>
<td>Northwestern University, Massachusetts</td>
</tr>
</tbody>
</table>

The list includes 27 institutions. Nearly half of the 27 are public institutions. Most significantly, though, is the fact that 14 institutions conducting recycling, source reduction, and procurement are private institutions that are not legally required to specifically engage in these activities unless their state has mandatory recycling. States that do have mandatory recycling include New Jersey, Connecticut, New York, Pennsylvania, Rhode Island, West Virginia, and the District of Columbia.
No discernible geographic exceptions emerge for any of the three categories of institutions by size, nor for any increased tendency to recycle one or another material. Though the survey is not truly national since 80 of the 100 surveys were sent to institutions in the Northeast, institutions in the South, the Midwest, and the West recycle approximately the same materials in the same ways as their Northeastern kin. They are as likely to run their campus programs by cooperative efforts between campus sectors and have campus-wide programs, if not system-wide programs. They, too, tend to not have municipal involvement in their recycling programs, nor to recycle such materials as magazines, food waste, construction debris, or computer disks.

It is significant to note that 54 of the 61 colleges and universities that are recycling are located in municipalities that are also recycling. However, no campus recycling programs are municipally operated, and only two college or university programs have any municipal involvement in their recycling systems. Rural location accounts for many of the seven campuses situated in non-recycling municipalities.

The survey also asked respondents whether they knew if their state has a targeted or mandated percentage of municipal solid waste that must be recycled. More a test of knowledge than of objective fact, 41 institutions knew that their state had such a requirement, as most states in the country, in fact, do have them in 1992. Nine institutions' representatives, chiefly in New York and Massachusetts, did not know whether their state had such requirements on its books. And, more significant still, 11 representatives incorrectly believed that their states (New Hampshire, Massachusetts, Vermont, Indiana, and Arkansas) did not have target or mandatory recycling percentages.

The materials collected for recycling at institutions of higher education are disposed of in several ways. At UCLA, 228 tons of paper are recycled each month by selling to a commercial recycler. New York University recovered 112 tons of office paper and two tons of aluminum. These, too, were sold to a recycler. At the University of Nebraska, a citizens group was instrumental in operating the recycling program, but it evidently went out of business when market prices for many of the recyclables collected failed to pay salaries of full-time employees. At Dartmouth College, high-grade office paper is sold directly to a recycling processor that picks up the contents of a locked compactor machine every two weeks. Aluminum is stored in a locked container that will hold approximately 20,000 cans, and is picked up by the processor every week. Newspaper is bundled in twine or stacked in collection bins. Once each week, about two tons of newspapers are delivered to a nearby dairy farm and shredded by the farmer for animal bedding. After use, the bedding is mixed with manure and composted. Cardboard is stored in a compactor and picked up by the processor on a two-week cycle. Glass, a problem material at Dartmouth, is discouraged from use. Glass must be shipped hundreds of miles for processing. Wood, scrap metals, and motor vehicle batteries are sold directly to local processors. Yard waste is composted on campus or on a nearby pig farm. Laser printer toner cartridges are shipped by custodial staff to a reprocessor for refilling. Clothing, reusable goods, and furniture are collected by staff and shipped to a local charity.

The State University of New York (SUNY) at Stony Brook reinstituted a recycling program in 1988 after the municipality substantially raised its landfill fees. By 1990, the staff-administration-run program used mailhammers provided by a commercial recycler to collect high-grade paper for weekly pick-up by the recycler. Cardboard was added to this collection and pick-up cycle soon afterward. According to its contract, the university receives preset amounts per ton for computer paper, mixed ledger paper, cardboard, low-grade newspaper, and unsorted paper. Stony Brook, like most universities, still does not make any money recycling. In fact, again like most, it oper-

<table>
<thead>
<tr>
<th>Table 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>The final survey question asked if courses were taught on the following subjects:</td>
</tr>
</tbody>
</table>

- Social/political aspects of hazardous and nonhazardous waste management
- Scientific/engineering aspects of hazardous and nonhazardous waste management
- Agricultural aspects of hazardous and nonhazardous waste management
- Economic aspects of hazardous and nonhazardous waste management
- Other relevant courses.

From responses received, it appears that 30 of 61 institutions teach at least the social/political aspects together with either the scientific/engineering aspects or the economic aspects.

- Economic aspects are most frequently taught (36 of 61); Social/political aspects are next (33 of 61).
- Scientific/engineering aspects are next (31 of 61); Agricultural aspects are taught in 11 programs.

Other relevant courses that are taught in at least one program include recycling, composting, pollution prevention, landfill design, occupational health, waste treatment, and household hazardous waste.
ates a recycling program at a decided loss. Cost recovery is in the form of costs avoided by reducing the waste requiring landfiling. In 1989, SUNY Stony Brook avoided approximately $18,000 in tipping fees, while generating $10,000 for the sale of waste paper to recyclers. Slow expansion was one of the keys to the success of this program.

At Rutgers, the State University of New Jersey, weekly collection of office paper, newspaper, aluminum, glass, and other metals is done by a waste hauler middleman who sells these materials to recyclers. However, a separate recycling effort at dining halls is operated by university staff that, itself, hauls collected cardboard, glass, aluminum, and plastics to localrecyclers for sale with direct payment to the university. Food wastes are picked up at a small cost by a local farm.

In these examples it appears that creative means of disposal can be arranged at a small cost—sometimes at a small profit—but not on a self-contained profitable basis. Contracts with processors usually yield the maximum benefits, but they do not yield profits. Avoided disposal costs must be factored into the economic soup of university and college recycling.

Recycling and source reduction

Colleges and universities, like other social institutions, generally have been much less active source reducers than they have been recyclers. However, 39 of 61 survey respondents did say that they have taken campus-wide steps to reduce the amount of waste that they generate. This holds true for small, mid-size, and large campuses. Most of the 22 remaining campuses reported that they have attempted to reduce the amount of waste generated in some combination of campus offices, science labs, dormitories, or dining halls. Usually this has involved substituting reusable materials for throw-away items: porcelain dishes and glassware for polystyrene or paper plates and cups in dining halls, and doublesided photocopying in offices are the two most frequently mentioned source-reduction strategies employed.

Additionally, six colleges or universities in Groups 2 and 3 report that they have minimized the amount of packaging that they are willing to accept from manufacturers or middlemen.

The University of Massachusetts at Amherst requested more bulk containers be used in deliveries to food service areas. Emory University made recommendations regarding waste reduction measures. Ithaca College replaced polystyrene food items with reusable ones, and instructed the campus print shop to reduce the amount of waste generated and to use soy-based inks rather than petroleum-based chemical inks. Randolph-Macon College has banned the use of paper towels in dormitories, promoting cloth wipes instead; Randolph-Macon has also instituted the use of reusable test tubes in laboratories wherever possible. Many of the institutions that recycle laser toner cartridges, also accept the recycled product back from the reprocessor, engaging in both recycling and source reduction in the same loop.

Bowdoin College developed a source reduction program in 1990 for its chemistry laboratories. The aim was to bring to 'microscale' the volume of hazardous materials used. Troy State University of Alabama conducted several hazardous waste reduction projects involving decreasing reliance on cleaning fluids containing hazardous chemicals or CFC-bearing propellants.

Through its Center for Environmental Management, Tufts University sponsored several conferences on the subject of household hazardous wastes reduction and reduced its own reliance on such wastes used by maintenance and janitorial staffs.

Additionally, numerous pollution prevention assessments of specific industries and industrial processes have been carried out as part of the curriculum of several institutions, including the University of Minnesota, Colorado State University, the Engineering Departments of the University of Cincinnati, the University of Washington, and the University of Tennessee in concert with efforts by U.S. EPA's Risk Reduction Engineering Laboratory in Cincinnati. Source reduction and recycling studies have been mounted at special institutes at Queens College of City University of New York (CUNY) and at SUNY Buffalo.

| Table 4 |
| Survey institutions with comprehensive waste management programs and curriculum: |
| **Group 1:** |
| Johnson State College, Vermont  
| Hobart & William Smith College, New York |
| **Group 2:** |
| Dartmouth College, New Hampshire  
| DePauw University, Indiana  
| Princeton University, New Jersey  
| Ramapo College, New Jersey  
| SUNY at New Paltz, New York  
| University of New Haven, Connecticut  
| University of Vermont  
| Brown University, Rhode Island |
| **Group 3:** |
| Bowling Green State University, Ohio  
| University of Maine at Orono  
| Cornell University, New York  
| Rochester Institute of Technology, New York  
| Florida State University  
| University of Rhode Island |

Recycling, source reduction, and procurement

The survey also asked respondents to report on what they were doing to buy products that contain recycled content (see Table 1). The survey did not request
information on what standard of recycled content in products was used. Public institutions may be required by state law or regulation to procure some products with recycled content and not others, while for private institutions, such purchases are typically voluntary.

The fact that a much higher percentage of Group 3 institutions (those with more than 10,000 students) procure these items is explicable insofar as many are public institutions required to conduct these purchases. Some are probably tied into state procurement machinery.

Conducting comprehensive multimaterial recycling, engaging in source reduction on a campus-wide or systems-wide basis—or at least in offices, dormitories, or dining halls, and also engaging in a program to procure office and sanitary paper bearing recycled content, suggests some thoughtful planning and management went into a campus waste management program (see Table 2).

The following could be said to be the basics of a good college/university recycling program: The campus recycles at least the basics of high-grade and low-grade paper, glass, aluminum, and other metals; pays attention to recycling at least one hard-to-dispose substance such as batteries, tires, white goods, or plastics; attempts to source reduce on a campus-wide basis, or at least in campus offices, dormitories, or dining halls; and procures the two most frequently purchased recycled paper classifications.

Author's note: Among the institutions to whom surveys were sent but never returned, are several that have recycling, source reduction, and procurement programs, as well as curricular involvement in waste management. It should not be assumed that the 39 institutions that failed to respond have no such programs. For example, Harvard University has many recycling programs, and a great deal of procurement of recycled materials (see Waste Age, September 1991, p. 65); Massachusetts Institute of Technology similarly recycles, procures recycled products, and also has teaching curricula on solid waste management in the U.S. However, neither Harvard nor MIT responded to the survey.