Contact Us

Sustainability Officer
Kelly Wellman
kwellman@tamu.edu

Sustainability Assistant Manager
Ben Kalscheur
benkalscheur@tamu.edu

Assistant Vice President for Strategic Initiatives
Jane Schneider
jane-schneider@tamu.edu

Texas A&M University
Office of Sustainability
Division of Finance and Administration
1801 General Services Complex
750 Agronomy Road
College Station, TX 77843-1247
Tel. 979-845-1911
Email: sustainability@tamu.edu
Web: sustainability.tamu.edu
Facebook: www.facebook.com/TAMUSustainability
Twitter: @SustainableTAMU
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A Letter from Our Leaders

With the release of the campus Sustainability Master Plan in June of 2010, Texas A&M University set out to embrace sustainability in a holistic, intentional, and meaningful way. Under the leadership of Sustainability Officer, Kelly Wellman and the Office of Sustainability, the Sustainability Master Plan was developed to coordinate and enhance Texas A&M’s environmental, social, and financial stewardship efforts. Released in February 2012, the first biennial report documented our progress at the time toward the fulfillment of our goals.

We are pleased to present this - the second Sustainability Master Plan Biennial Report - outlining our most meaningful sustainability-focused accomplishments to date.

The achievements delineated within are due in large part to the leadership of the Office of Sustainability. However, this report tells the story of a truly collaborative effort involving stakeholders from across campus. This team effort has made it possible to incorporate and enhance sustainability in a myriad of ways. These efforts, both great and small, have moved us closer to achieving the twelve strategic initiatives or the “Sustainability 12” identified in the Sustainability Master Plan.

It is only through the continued commitment of our students, faculty, staff, former students, partners, visitors, and community that we can accomplish our mission to create a culture of sustainability - a culture that respects, protects, and preserves our environmental, economic, and social resources.

When Aggies commit to a sustainable lifestyle, we bring Texas A&M’s core values to life. Please join us in celebrating our sustainability efforts to-date and renewing our dedication to fulfilling our land-, sea- and, space- grant missions; and our commitment to Texas.

Thanks and Gig‘em,

Dr. Mark A. Hussey
Interim President

Ms. B. J. Crain
Vice President for Finance & Administration
Sustainability at Texas A&M: Definition

At Texas A&M University (TAMU) we define “sustainability” as the efficient, deliberate, and responsible preservation of environmental, social, and economic resources to protect our earth for future generations of Texas Aggies, the TAMU community, and beyond. TAMU defines “stewardship” as the act of conserving precious resources for a better and more sustainable future.

We strive to respect, protect, and preserve the financial, environmental, and people resources that make Texas A&M and our community so great, not only for today, but also for future generations of Aggies. When Aggies commit to a sustainable lifestyle, we bring Texas A&M’s core values to life.

Office of Sustainability: Mission

Our mission is to educate the campus and local community about the importance of sustainability in order to foster a “culture of sustainability.” We will accomplish our mission by promoting sustainable practices both on- and off-campus in academic and non-academic settings, providing resources and support for people who wish to incorporate sustainable practices into their work and life, and advocating for sustainable programs, projects, and initiatives.

Office of Sustainability: Vision

Our vision is to be recognized as a national campus leader in sustainability, to develop long-term programs around environmental, social, and financial stewardship for our earth that have measurable results, and for every member of the Aggie family to incorporate sustainable practices into their daily lives. Ultimately, we envision creating a “culture of sustainability” at TAMU.
The Sustainability 12

Twelve key areas have been identified to organize sustainability efforts at TAMU. There is substantial overlap and interplay between many of the core components, but each component works to achieve an increased level of stewardship at TAMU.

1. Management of Climate Change
2. Purchasing of Sustainable Goods and Services
3. Optimization of Energy Use
4. Sustainable Food & Dining
5. Management of Water Resources
6. Waste Management
7. Sustainable Land Use
8. Use of Green Building Practices
9. Utilization of Alternative Transportation and Fuels
10. Improving Social and Economic Factors
11. Education and Research
12. Management and Funding Support
1. Management of Climate Change

GOAL: Reducing the production and release of greenhouse gas emissions

REPORTING UNIT: Utilities & Energy Services

Texas A&M University (TAMU) in College Station serves over 53,000 students and more than 7,500 faculty and staff. With a size over 5,500 acres and over 24 million gross square feet (GSF), our greenhouse gas (GHG) emissions significantly affect climate change.

In support of the TAMU Vision 2020: Creating a Culture of Excellence and Action 2015, Utilities & Energy Services (UES) established the Energy Action Plan 2015 to continue improving the efficiency and effectiveness of mission-critical utilities and energy services. UES has reduced GHG emissions to achieve the Energy Action Plan 2015 target of a 20% reduction in the Energy Use Index (EUI) from FY10 to FY15. The EUI measures a building’s energy consumption per square foot per year.

UES has made significant progress in reducing TAMU’s carbon footprint since our 2004 baseline year (Figure 1). In FY04, TAMU emitted the equivalent of 564,069 metric tons of carbon dioxide (MTeCO2). In FY12, GHG emissions decreased to 399,074 MTeCO2. In other words, during that eight year timeframe our GHG emissions declined by 29% and GHG output per GSF decreased by 36%. UES will continue measuring and monitoring GHG emission on an annual basis.
This decrease in the size of the carbon footprint per GSF can be attributed to several factors. The most notable factor in recent years has been the addition of highly efficient power generation at the Combined Heat and Power (CHP) (Figure 2). In 2011, TAMU began a $75 million upgrade to the CHP. Completed in March of 2012, this upgrade replaced less efficient equipment with a modern, highly-efficient CHP system using clean burning natural gas energy for fuel. The system captures exhaust heat that was previously wasted to produce steam that is used to generate more power and heat for campus. Overall system efficiency is now close to 80%.

The CHP upgrade reduces TAMU’s dependence on the Electricity Reliability Council of Texas grid (which runs primarily off coal), improves plant operating efficiency by 20%, and decreases energy related...
GHG emissions by 30%. The cost avoidance (difference of the maroon and tan bars) achieved by the CHP is illustrated in (Figure 3).

![Figure 3: Purchased energy cost avoidance FY02-FY15 (Baseline EUI FY02). *FY14 and FY15 energy costs are projected as of June 30, 2014.](image)

The CHP upgrade won the 2013 ENERGY STAR® CHP Award from the U.S. Environmental Protection Agency’s CHP Partnership and a 2013 Global District Energy Climate Award sponsored by the International District Energy Association and the International Energy Agency.

### 2. Purchasing of Sustainable Goods and Services

**GOAL:** Increasing the use of sustainably-produced materials and services

**REPORTING UNIT:** Procurement Services and SSC Services

TAMU uses its purchasing power in a positive way by increasing our use of renewable, reusable, recycled, locally produced/purchased, and environmentally preferable products. The Department of Procurement Services (PS) requires suppliers to provide environmentally-friendly product options. In order to attain at least an 80% purchase ratio of sustainable products, PS will continue to source new sustainable products as they are developed. Meanwhile, PS is working with the Vice President for Finance and Administration to require purchase of Energy Star and energy efficient appliances and computers...
through the development of standardized specifications. They are in the process of developing and implementing a Vendor Code of Conduct in order to evaluate our supply partners based on suppliers' abilities and capabilities to adhere to certain aspects of the code. PS is working to achieve the goal of purchasing at least 30% post-consumer recycled content paper and paper product, and increasing the purchase of Electronic Product Environmental Assessment Tool - certified (Gold or Silver) computer workstations to 50% of new purchases.

In 2012, TAMU entered into a partnership with SSC Services to provide custodial service. SSC Services has continued to source sustainable cleaning products that are either Green Seal or EcoLogo certified. Based on their current budget information, the sustainable cleaning products purchased represent 83% of total expenditures on cleaning supplies.

3. Optimization of Energy Use

GOAL: Increasing energy efficiency and reducing energy consumption

REPORTING UNIT: Utilities & Energy Services

The Energy Action Plan (EAP) 2015\(^1\) developed by UES targets at least a 20% reduction in the EUI from FY10 to FY15. To accomplish this goal, UES has implemented a campus-wide Energy Stewardship Program (ESP). The ESP, implemented in FY12, consists of six full-time Energy Stewards. Each steward is assigned approximately 2 million GSF of campus and is responsible for working closely with building occupants. The Energy Stewards educate, inform, and raise awareness about opportunities for improving energy efficiency and conservation. They obtain feedback to ensure customer needs are met while improving building operating conditions, eliminating waste, and using energy responsibly.

UES leverages the ESP by continually monitoring the EUI to gain maximum benefit from Building Retro-Commissioning Programs (BRCP).\(^2\) To optimize building operating efficiency, UES has three retro-commissioning teams working on an on-going basis. One of their most successful projects has been a lighting retrofit project that installed more energy efficient lighting options in 32 buildings across campus. Furthermore, lighting was upgraded to induction fixtures in all five campus parking garages. Induction lighting is low-maintenance and generally offers up to 100,000 hours of life. This upgrade has demonstrated an average reduction of 23% in energy consumption with one garage demonstrating a 36% reduction.

\(^1\) Energy Action Plan 2015 can be found at: https://utilities.tamu.edu/energy-action-plan-2015/
\(^2\) The BRCP is an ongoing program to retro-commission mechanical and electrical systems within campus buildings, with particular emphasis on optimizing essential heating ventilation and air conditioning (HVAC) systems that consume significant quantities of energy.
The Energy Stewardship Program is an integral component of the EAP which focuses on increasing Heating, Ventilation, Air Conditioning (HVAC) scheduling as well as an initiative to install motion sensors tied into the HVAC system which shut off the systems during unoccupied periods. In January 2012, TAMU completed a $15 million energy efficiency project (includes lighting upgrades, building automations, system retrofits, and HVAC system improvements) with Siemens\(^3\) in 24 facilities on campus. Furthermore, UES is in the implementation phase of the next round in building energy efficiency improvements and has $4.1 million budgeted to implement the changes. This project greatly improves the ability to turn off HVAC systems during unoccupied periods.

By implementing the Energy Action Plan, Texas A&M has reduced energy consumption per GSF by 45% over an 11 year period (FY02-FY13), which has resulted in a $162 million reduction in energy cost. This reduction in energy use is even larger considering the significant growth of campus (approximately six million GSF) over the same period (Figures 4 and 5).

\(^3\) Siemens acts as an Energy Services Company for TAMU.

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**Figure 4: Energy Use Index (energy use per square foot) during FY02- FY15.**
Energy consumption in residence halls on campus can be significant with over 9,500 on-campus residents. The Residence Hall Energy Challenge has been conducted annually in the fall semester since 2009 in an effort to encourage residents to decrease their carbon footprints. The 6th Residence Life (ResLife) Sustainability Challenge kicked off on Campus Sustainability Day on October 23, 2013 and concluded on November 20, 2013. It provided a variety of educational, service and conservation activities. This year the mobile application “Eco Aggies” was the platform used to track students’ participation and sustainable practices. ResLife will continue to engage on-campus residents through this challenge annually.
4. **Sustainable Food & Dining**

**GOAL:** Strengthening sustainable food systems, increasing healthy food options, and reducing waste generation

**REPORTING UNIT:** Chartwells

In 2012, Compass Group North America - Chartwells assumed responsibility for University Dining operations. Chartwells is committed to fostering and promoting sustainable business principles to the campus community. By cooking with cage-free eggs, antibiotic-free chicken, Recombinant Bovine Growth Hormone or Recombinant Bovine Somatotropin free milk, zero trans-fat canola oil, and by offering fair trade, triple-certified organic shade-grown coffees, vegetarian options, etc., Chartwells offers Aggies a wide range of healthy food options. Their goal is to increase the use of locally grown and third party certified foods in campus-operated cafeterias to 20% of food purchases by 2015.

“Locally produced” is identified through vendor invoicing and will be procured whenever possible (**Figure 6**). In order to seek more vendors and food sources, Chartwells is working to expand its radius of “local” from within 150 miles of where it is consumed to 250 miles.

Chartwells strives to reduce food waste to maintain a sustainable food system. They are educating students through information on their website[^4] and a “Project Clean Plate” (PCP) program created by Compass Group.

Students are provided with access to educational materials to support their food choices in all dining locations on campus utilizing “Webtrition”[^5]. This nutritional information includes calories, sodium, trans-fat, cholesterol, etc. iPad Nutrition Kiosks are currently installed in the Memorial Student Center and Sbisa dining halls to further the commitment to educate students about nutritional choices. Chartwells plans to install the iPad kiosks in more locations.

Additionally, they intend to label Grab and Go options with easily identifiable nutritional information (**Figure 7**).

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[^5]: *Webtrition* is a service provided by Compass Group North America.
The PCP program targets a reduction in food waste, and runs for an entire week each semester for lunch and dinner meal periods. During the PCP week a table is set up with PCP signage, a flip chart for students to give comments, waste bins for students/staff/faculty to scrape waste into, a scale, a tracking poster, and balloons.

While there is still work to do, Chartwells continues to make strides to improve the composting program on campus. For example, every day, the Memorial Student Center collects the unconsumed food that is on the line and discards it into compost bins. As a result, 100% of pre-consumer food waste is diverted from landfill to composting in the Memorial Student Center.

Chartwells’ next project is to improve sorting for post-consumers so that the waste collected from retail establishments is composted. Their new goal includes having all dining locations capture pre-consumer waste, and conducting new dining hall renovations (including bringing the kitchen to the front of the dining hall) to significantly decrease food waste and consumption by September 1, 2014.

Chartwells is conscientious about the types of plate ware and packaging used in our facilities. The University Club and dining halls use china and reusable utensils whereas the Memorial Student Center uses biodegradable to-go packaging.

To divert waste and reduce the use of one-time-use plastic bottles, ResLife has set a goal to have at least one water bottle filling station in each residence hall and University Apartment Community. In addition, ResLife Facilities and Operations is committed to replacing malfunctioning water fountains with water bottle filling stations. In 2013, the Aggie Green Fund (AGF) provided financial support to expedite the placement of at least one water bottle filling station per hall/community. This resulted in the installation of 21 units by December 2013. Those halls winning the Sustainability challenge or receiving hall improvement funds have the opportunity to install additional water bottle filling stations. The next milestone is one water bottle filling station per floor, which is the equivalent of...
having one station for every 25-100 residents. Additionally, all new residence hall construction will include water bottle filling stations (please refer to Appendix B for location of water bottle filling stations in residence halls).

5. Management of Water Resources

**GOAL:** Reducing consumption of potable water, preventing pollution of water resources

**REPORTING UNIT:** Utilities & Energy Services

At TAMU we make every effort to preserve available water resources for future generations of Aggies. From 1991 through 2009, UES reduced total water consumption by 50%. We accomplished this feat even though campus grew 43% during the same timeframe; which means our consumption per GSF reduced by 65%. According to UES, Texas A&M is approaching our FY15 goal (15% reduction of potable water consumption from the 2010 baseline) with a 12% reduction in FY13 compared to FY12. TAMU has installed rainwater and A/C condensate collection cisterns in all new buildings greater than 10,000 GSF, including the Memorial Student Center; Mitchell Physics; Emerging Technology and Economic Development; Interdisciplinary Life Sciences; Agriculture and Life Sciences; and Liberal Arts, and Arts and Humanities.

UES reduced total water consumption by 50%.

With over 9,500 on-campus residents (excluding students who live in University Apartments), shower water consumption comprises a large part of the water used on the campus. To reduce water waste, AGF has granted funding to install low flow shower fixtures in Mosher Hall as a FY13 project. The replacement shower head model (Niagara Earth Showerhead N2915CH) will facilitate in using less water than the current shower heads by dispensing water at a rate of 1.5 Gallons Per Minute (GPM) instead of the 2.5 GPM model currently in place. The old metal shower heads will be recycled. Every year Mosher Hall spends an average of $51,000 in Domestic Hot Water (DHW) consumption. Assuming a reduction of water usage by 40% with rates remaining constant, this will result in an estimated annual savings in DHW consumption of $20,000.

Irrigation water makes up a large part of TAMU’s water consumption. Wise management of irrigation water has the potential for cost savings. SSC Services Grounds Management has started the process of evaluating TAMU’s irrigation systems. They have reviewed the design, installation, and efficiency of the centralized operating system, and are currently working with irrigation consultants to train staff and identify target areas. A team is being established to provide zone-by-zone renovations to improve all deficiencies.
6. Waste Management

GOAL: Reducing the generation of waste, increasing waste diversion from landfills

REPORTING UNIT: Utilities & Energy Services, Logistics Services, Residence Life, and the Environmental Issues Committee

Although our campus generates a lot of waste each day, TAMU’s environmentally friendly methods of waste management have significantly increased the percentage of solid waste material that is recycled and diverted from the landfill. According to UES, there has been a 45% reduction in the amount of waste sent to the landfill from FY05 (13,643 tons) to FY13 (7,529 tons). Recycled materials increased more than 17 times from FY05 (793 tons) to FY13 (14,767 tons). Although the total waste increased from 14,436 tons to 22,296 tons, it was due to the campus growth of approximately 1.3 times the original GSF. During FY13, more than 66% of waste was recycled compared to only about 5% in FY05 (Figure 8).

The majority of the traditional commodity recycling profile consists of paper (49%) and cardboard (42%). The overall recycled material profile shows construction and demolition waste and concrete waste the largest commodities at 25.5% and 59.1%, respectively (Figures 9 and 10).
Figure 9: Traditional recycling profile by material (FY13).

Figure 10: Recycled material profile by material (FY13).
Football is an important part of the culture at Texas A&M. On a typical game day at Kyle Field over 80,000 spectators pack the stands. This results in the generation of a great deal of waste (plastic bottles, paper products, etc.). During the 2013 season, to make game day at Kyle Field more sustainable, the Athletic Department recycled 20 tons of material with a diversion rate of 40% through the first four games. Athletics achieved the highest diversion rate of 51.6% for the Alabama game (Figure 11). These efforts are primarily made through a partnership with Brazos Valley Recycling. The Athletic Department is targeting a new goal of a 50% diversion rate for the entire 2014 football season. More help and support is anticipated from student groups in the future.

![Figure 11: Diversion Rate for Game Days in 2013.](image)

*No recyclable materials for the A&M vs Mississippi State game due to the Kyle Field Renovation.*

Of the electronic waste or e-waste returned to Logistics Services by TAMU faculty and staff, 100% is recycled. The e-waste was disposed in accordance with Texas Government Code 2175.128 and no e-waste was disposed in a landfill. An estimated 174.8 tons of e-waste were recycled throughout TAMU and the TAMU System during FY13. This included 6,456 computers and 3.89 tons of light bulbs, ballast and batteries which were recycled through the Environmental Health & Safety Department.

Off-campus students, faculty, and staff can bring their e-waste to the Brazos Valley Solid Waste Management Agency’s Household Hazardous Waste events held each fall and spring.

In April 2013, the Environmental Issues Committee partnered with TAMU Information Technology to host an annual e-waste collection campaign open to students, faculty, and staff (Figure 12). During the campaign, collection bins were set up in high-traffic areas on campus to make recycling e-waste easy and accessible. The collection sites were able to process CDs/DVDs, ink cartridges, small batteries, cell phones, cameras, MP3 players, headphones, cables, calculators, laptops, and flash drives for proper
recycling. TAMU departments were excluded from recycling their e-waste during the campaign because they have access to year-round e-waste recycling through Texas A&M Surplus Property.

Every year move-in and move-out at residence halls generates significant waste that can be recycled or reused (e.g. cardboard and used furniture). ResLife has been successfully working with Recycling Services during the move-in process to collect cardboard. Meanwhile, Goodwill is assisting with the move-out process by providing three staffed donation drop-off trailers (north side, south side and the University Gardens Apartments). ResLife has created an Aggie Eco Reps Program to further enhance sustainability initiatives in residence halls. Eco Reps are residence hall students tasked with educating their peers on how to live a sustainable lifestyle. As the Aggie Eco Reps\(^6\) establish themselves more firmly, they will collaborate with the Residence Hall Association to expand the waste diversion programs for move-in and move-out.

\(^6\) One Aggie Eco Reps is assigned to each residence hall as a sustainability educator.
7. Sustainable Land Use

GOAL: Maintaining and developing land while protecting natural resources

REPORTING UNIT: SSC Services

We are committed to maintaining and developing land while protecting natural resources at the same time. Organic fertilizers are derived from animal or vegetable matter. Use of organic fertilizers is preferable because they cost less than artificial fertilizer if provided by local sources, they increase the physical and biological nutrient storage mechanisms in soils, and they mitigate the risks of over-fertilization. By using organic fertilizer, we avoid producing dangerous heavy metals and hazardous wastes generated by artificial fertilizers. Lawns and shrubs treated with organic fertilizers have demonstrated enhanced and healthier visual appearance.

On January 1, 2013, SSC Services Grounds Management began using natural organic fertilizer for all new and existing shrub beds. In addition, 80% of fertilizer used on campus turf is naturally organic, and 20% is synthetic organic fertilizer (with the exception of Recreational Sports which uses 100% organic fertilizer).

8. Use of Green Building Practices

GOAL: Designing, constructing and maintaining healthier and resource efficient structures

REPORTING UNIT: Office of the University Architect

TAMU is committed to the design, construction, operation, and maintenance of buildings and other facilities that employ integrated design principles, optimize energy performance, protect and conserve water, enhance indoor air quality, and reduce the environmental impact of building material.

The Office of the University Architect (UA) works to ensure these commitments are acted upon. UA strives to enhance, conserve, and promote sustainable practices for the well-being of our students, faculty, and staff and for the built environment as outlined in TAMU’s Campus Master Plan, “to promote sustainability by teaching, planning, and acting in an environmentally sustainable manner.” Per the Campus Master Plan, buildings should be designed to qualify for a LEED Silver Rating. Buildings should be designed with environmentally sustainable features to minimize the environmental impact caused by their construction, and to minimize operational energy use.

For example, the Interdisciplinary Life Sciences Building (ILSB) and the Texas A&M Transportation Institute Building (TTI) are LEED Gold Certified, while the Cox-McFerrin Center for Aggie Basketball was designed to LEED Gold standards. ILSB was designed with water conservation in mind. It features a cistern/rain garden for recyclable water storage and for site irrigation, xeriscaping and indigenous plants, dual-flush toilets, and low-flow fixtures. TTI makes using alternative transportation easy by incorporating

covered bike racks, showers, and locker rooms. The Cox-McFerrin Center reduced the impact of building materials by sourcing 100% of building materials from regional and local sources and by diverting 95% of the project’s construction waste from the landfill.

The Mitchell Physics Building, the Emerging Technologies and Economic Development Building (ETED) and the Agricultural Headquarters Building (AGLS) are LEED Silver Certified. The YMCA building and the Memorial Student Center underwent major renovations that were built to LEED Silver standards. The Mitchell Physics building integrates design principles through a green roof that features native drought-resistant plants. ETED saves energy by having interior spaces equipped with occupancy sensors. AGLS highlights optimized energy use through the installation of energy-efficient mechanical systems. The Memorial Student Center renovation used environmentally sound building material by recycling bricks and reusing them in the new design. The YMCA building incorporates naturally lighted spaces to improve the quality of life for building occupants.

TAMU Facilities Services was outsourced to SSC Services and our expectations of maintaining our buildings to the standards outlined above have been adopted by SSC Services.

9. Utilization of Alternative Transportation and Fuels

**GOAL:** Reducing the use of fossil fuels and associated emissions

**REPORTING UNIT:** Transportation Services

With an eighty-bus fleet that offers seven on-campus and ten off-campus routes, Texas A&M runs one of the largest transportation systems among all U.S. universities. TAMU Transit provides over 5,000,000 rides annually. This service is provided for all TAMU students, faculty, and staff. Due to the size of our system, we have the opportunity to make a significant impact on reducing GHG emissions. Our goal is a 10% reduction in emissions and/or fossil fuel use in the campus fleet from 2010. In order to maximize fuel efficiency and operating ability and thus to reduce the fleet’s carbon footprint, Transportation Services (TS) has implemented a fleet inspection and vehicle preventative maintenance program. Currently 100% of the fleet is in compliance with the program.

Fleet idling is strictly controlled by Texas State Law\(^8\). By eliminating unnecessary and wasteful idling we will be able to reduce the fleet’s GHG emissions.

Biodiesel is available for purchase to use for the buses as well as other diesel powered equipment on campus. As a result, TS purchased a total of 191,964 gallons B-20 Biodiesel\(^9\) in FY12 and 149,150 gallons

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\(^8\) Refer to Texas Statutes, Health and Safety Code 382.0191; and Texas Administrative Code 30.114.510-30.114.517.

\(^9\) Biodiesel is a clean burning alternative fuel, produced from domestic, renewable resources. Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend. It can be used in compression-ignition (diesel) engines with little or no modifications. Biodiesel is simple to use, biodegradable, nontoxic, and essentially free of sulfur and aromatics. B-20 is 20% biodiesel, 80% petroleum diesel.
in FY13. The drop in the use of biodiesel is because biodiesel is not always available due to the changing demand. TS will continue to work with vendors to locate available inventories for future purchase.

Another way to reduce our carbon footprint is to use energy efficient vehicles. Currently there are ten hybrid vehicles and one electric vehicle in the TS fleet and TS provides the option of choosing alternative fuel or low-emitting vehicles when leasing a new vehicle. A target date of August 31, 2014 has been established to develop an effective way to inform departments of these vehicle options through the TS website and interaction with the Fleet Services Team.

In order to promote alternative transportation and reduce carbon emissions, TS launched a program in 2012 called “Borrow a Bike.”

This free service is offered to all TAMU employees and current students, and serves people who need a bike for a short period of time during the day (the bike needs to be returned by 10:00 a.m. the next business day and a customer may borrow a bike up to 30 times per year). The program uses MaroonBikes which is a local, Aggie owned business, and feature airless tires and chainless drive shafts for durability. So far there have been 375 Borrow-A-Bike uses during FY12-FY13.

In Fall 2013, TS again partnered with MaroonBikes to launch a bike share program. For every rental those who rent a bike get the first two hours of bike use for free and pay $1 (for 3 hours of use) or $2 (if used for longer than 3 hours). To encourage bike usage, additional bike racks have been installed, bringing total bike parking spaces to 10,757. To ensure our campus community has the ability to maintain their bikes, TS has installed free self-service “Bike Fix It Stations” at high traffic areas on campus. A bicycle plan with associated bicycle maps is in development and is anticipated to be completed by December 31, 2014.

A survey to determine the major modes of transportation used to get to campus has been conducted by TS since 2008. According to the survey data, there was a boost in bicycle use in FY12, which could be a result of the “Borrow a Bike” program. However in FY13 bicycle use dropped largely to the lowest percentage of the five years (Figure 13).

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10 http://transport.tamu.edu/alternative/bicycles/services.aspx
11 MaroonBikes is a partner with TAMU Transportation Services, for more information please refer to http://maroonbikeshare.com/how-it-works/
12 Current locations of MaroonBikes check in/out points: West Campus Parking Garage, The Commons residence hall, Hullabaloo Dorn and Traditions at Northgate in College Station, TX.
TS has seen a change in the demographics of survey participants, i.e. decrease in student survey participants who are the major users of bicycles, and the increased number of faculty and staff survey respondents who mainly drive vehicles to commute (Figure 14). \(^3\) TS has seen increasing bike usage since the beginning of 2014 and they anticipate an increase in bike usage for the 2014 commuter survey.

\(^{13}\) TS have seen a significant increase in parking permit sales during Fall 2013.
The Hertz On Demand program\textsuperscript{14} is a 24/7 car rental service offered on campus with discounted rates as low as $8/hour. Membership is free and open to those older than 18. The number of registered members has increased from 57 in May 2011, to 1,855 in December 2013. This means the goal of having 1,575 registered members by the end of 2013 is 100% complete.

The Zimride rideshare program was launched in August 2011 thanks to a grant from AGF. Zimride provides efficient transportation by integrating social networking into a customized private TAMU network to help users establish trust and split costs by sharing seats in their car with friends, classmates, and co-workers. Zimride has 6,700 users who have posted 6,945 rides from August 2011 to December 2013. An increasing number of Texas A&M students, faculty and staff are utilizing this service to reduce carbon emissions, save on gas bills, and connect with others to share rides in a more secure and environmentally-friendly way.

10. Improving Social and Economic Factors

GOAL: Increasing and promoting social justice and economic security

REPORTING UNITS: Office of the Vice President and Associate Provost for Diversity and Office of Sustainability

The Office of Sustainability (OS) is implementing and expanding our existing partnership networks to engage local communities, students, and former students. OS participates in Brazos Valley Earth Day, where student interns disseminate information about sustainable operations on campus and how to live a sustainable life both on and off campus. At TAMU our commitment is not limited to environmental sustainability, as we view sustainability through a holistic lens and place equal importance on its social and economic factors.

To help TAMU students with economic opportunities, our Career Center (CC) has been continually adding resources to their website (HireAggies.com) for students to identify and explore sustainability or green-related internships and full-time positions in both international and domestic job markets. Students can explore 26 sustainability jobs categories and 78 green career categories to see projected job growth, average salary, necessary skills and experience, and job sectors employing these positions. The CC successfully held two events that focused on environmental careers, including the 2012 Sciences Career Fair (companies and agencies recruiting environmental majors) and Environmental Career Panel (professionals speaking about positions, career path, etc.). CC’s new goal is to create a news feed to promote the HireAggies.com internship and full-time environmental and sustainability-related opportunities to interested students. TAMU students can explore online databases like ecojobs.com, Green Careers—WetFeet, Insider Guide, Vault Guide to Environmental Careers, CareerShift, and Green Collar Jobs, for more resources in green/sustainability related careers.

\textsuperscript{14} http://transport.tamu.edu/Alternative/carshare.aspx
At TAMU diversity is highly-valued and mutual respect is the key ingredient to developing and sustaining a university community. The Office of the Vice President and Associate Provost for Diversity (OVPAPD) has worked to provide students, faculty, and staff with a university experience that is rich in perspectives and provides opportunities to learn from each other and to succeed in a diverse world. Accountability structures and processes for monitoring and evaluating progress have been developed and used to report to the OVPAPD. In the Accountability Reports, baseline data for gender, race/ethnicity, and national origin for students, staff, and faculty were compiled to establish a baseline.

Furthermore, OVPAPD is intentionally communicating its commitment to diversity through the media. Each campus unit will thoroughly audit existing (and planned) marketing media, including audio, print, and electronic publications. This is to ensure that TAMU’s commitment to diversity is represented, as appropriate; that TAMU’s language regarding equal opportunity, affirmative action, and accommodation is used consistently; and that all publications are provided in accessible formats. All new job postings will stress the University’s commitment to equity and diversity.

Beginning in Fall 2010, climate assessments\(^{15}\) are being conducted in a three-year-cycle for the following units: graduate and undergraduate students, faculty, staff, and administrators. Climate data is gathered to address ongoing issues and concerns and offer recommendations to solve them. The climate for faculty and undergraduate students was assessed in Spring 2013 and graduate students were assessed in Spring 2012. Staff was assessed in two phases with Phase I occurring in Fall 2012 and Phase 2 occurring in Spring 2013. Results of the 2013 campus climate assessments will be shared at a campus-wide session in November 2014. The TAMU climate will continue to be assessed at the university level in three year cycles.

A series of diversity-related faculty and staff development workshops are offered annually. Conflict Management and Difficult Dialogues are educational programs that use workshops and classroom experiences to enhance skills in dealing with conflict and communicating across social barriers.

A university-wide equity study has been completed and all units will complete plans designed to eliminate systemic inequities. Results will be integrated into the Fall 2014 Accountability Report. The Diversity Operations Committee (DOC) will focus on constructing diversity-related outcomes, performance indicators, and measures of success. The OVPAPD will then report to the President and

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\(^{15}\)Organizational climate is a set of properties of the work environment, perceived directly or indirectly by the employees, that is assumed to be a major force in influencing employee behavior. [http://en.wikipedia.org/wiki/Organisation_climate](http://en.wikipedia.org/wiki/Organisation_climate)
Provost and recommend diversity funding allocations for units based on ratings from the Council on Climate and Diversity.

Aside from the vital work of OVPAPD, the Office of Sustainability places a high importance on social sustainability. In order to teach young people the significance and scope of sustainability in the modern world, OS has also reached out to local K-12 educational institutions. OS went to Allen Academy and visited with 100+ students (6-12 grades) about the importance of adopting a sustainable lifestyle. The presentation focused on social sustainability, local and global water issues, and the interaction between human activities and the environment.

To advance the OS sustainability message, the intern team created a fun and interactive educational program focused on underserved children in the local community via the Lincoln Center.\textsuperscript{16} The focus was to demonstrate simple actions and thoughts towards a more sustainable lifestyle. The program engaged the children in physical activity to promote unity and working together to accomplish a goal (Figure 15). Indoor group activities focused on simple actions the children could do to reduce household waste. The student interns talked about the environmental, economic, and social impact waste can cause in other countries. By visiting the Lincoln Center, OS helped children build a concept of sustainability at an early age.

Aside from working with Allen Academy and the Lincoln Center, OS participated in the Zooming Out for a Global View and Local Action: Global Impact conference series hosted by the Office of the Provost’s Public Partnership & Outreach Office since December 2011. At these conferences, OS had the opportunity to share a holistic sustainability message to middle and high school students.

In addition, OS routinely shares the office message on campus and in the community when requested. For example, OS presents on campus for classes, workshops, and student groups. OS has a presence at major tabling events on campus such as the biannual International Student Conference, the Memorial Student Center Open House events in the fall and spring semesters, the Geosciences Fair, and New Student Conferences.

\textsuperscript{16} The Lincoln Center provides children from ages 6-18 with a place to go after school. The Center averages 125 children daily, and the students are supervised by a volunteer staff.
In January 2013, OS partnered with the Carter G. Woodson Black Awareness Committee (WBAC) to design a media-driven presentation that utilized a storytelling method to conceptualize sustainability holistically. The presentation was entitled, “The Social Life of Electronics: A Story Told through Word, Film, and Hip Hop” (Figure 16) The event marked an important milestone in our efforts to work more closely with student groups and campus departments that are focused on issues of social justice, diversity, and inclusion.

Furthering the use of media, the OS Spring 2013 Intern Team crafted the office’s first ever sustainability video to spread a message of working together to live sustainably. The video received contributions from numerous student groups such as the WBAC and Aggie Allies, as well as appearances from former TAMU President R. Bowen Loftin, Aggie athletes, members of the Fightin’ Texas Aggie Band, and the Corps of Cadets. The office hosted a video premier on November 18, 2013 that was attended by over 120 campus members. The video was subsequently released through social media.

OS has had the opportunity to spread our message further into the community through radio and television appearances. We have appeared on the local radio show, Rethinking Green, four times since 2012 and have been featured in several news stories on local television stations.

TAMU’s sustainability impact has moved beyond the University and into the national arena thanks to OS’s efforts at the Association for the Advancement of Sustainability in Higher Education (AASHE). Each year, AASHE organizes North America’s largest sustainability conference, and since 2011 OS has formally presented aspects of TAMU’s sustainability accomplishments to a national audience each year. Due to the positive reception of our efforts, OS was invited to share a presentation at the Smart & Sustainable Campuses Conference in March 2014 in Baltimore, Maryland.

Conceptualizing sustainability holistically by stressing the importance of social sustainability is the lens OS uses in all of our efforts. For example, OS has integrated social sustainability into our Sustainable Office Certification program and our Sustainability Pledge. OS actively seeks student interns with social sustainability knowledge and stresses its importance by asking questions related to social sustainability on the application and during the interview session. Diversity and inclusion are highly valued by OS.
11. Education and Research

GOAL: Integrating sustainability into campus life, academics, and scientific investigation

REPORTING UNIT/GUIDING DOCUMENT: Office of Sustainability/Action 2015 Education First

As a leading research university, TAMU has the ability to make a meaningful strategic impact in the areas of sustainability education and research by integrating sustainability into campus life, academics, and scientific investigation.

In accordance with Action 2015 Education First, Strategy 5D: Enhance efforts to make Texas A&M University a recognized “green” campus, the institution continually seeks to improve resource utilization.

With regard to academics, TAMU is actively building its sustainability-related curriculum. Based upon TAMU’s February 2012 Sustainability Tracking, Assessment & Rating System (STARS) Submission, there are 72 departments at TAMU that offer sustainability focused or related courses. A Course Inventory can be found on the OS website that contains information of those courses offered from the Fall 2010 semester to Summer 2011 semester. Among the 11,246 courses offered over this period of time, 203 courses were focused on sustainability and 1,354 courses were related to sustainability. Furthermore, the College of Architecture and the OS are discussing the creation of a sustainability minor.

The OS is continually developing our peer-to-peer outreach program and designating student educators to increase the awareness of sustainability. We will continue using the four platforms of our sustainability outreach campaign (Figure 17).

Figure 17: Four core platforms of Sustainability outreach campaign.
The first platform is the Sustainability Internship Program in which OS utilizes students to create a culture of sustainability at TAMU. Since the summer of 2011 we have offered 40 internship positions to 26 different students (Figure 18). In 2013 we were granted $26,000 through the AGF for part-time funding. Currently we have 11 student interns (of which four are paid while the remaining students earn course credit), and we will continue to engage with students, staff, and faculty to make sustainability an Aggie tradition.

In 2009 we launched a TAMU Sustainability Facebook page and in 2013 initiated a Twitter account to provide instant updates on sustainability-related information and to interact with our social media subscribers. In November 2012 our Facebook page hit 1,000 Likes, and as of January 2014 we have reached 1,762 Likes in total. Our Twitter following has grown to 132 since April 2013. We use these social media websites to communicate with our followers and alert them to the sustainable efforts our office and the university undertake. We provide updates weekly, often posting three or more times a week. As our intern program grows, we will expand our use of social networking sites and increase our updating frequency.

One of the unique platforms our internship program uses to engage students on campus is our Sustainability Cam, which was launched on March 2, 2012. A team of OS student interns walk around
campus with a camera and take pictures\textsuperscript{19} of people who are doing sustainability-related activities. For example, using alternative transportation (skateboarding, riding a bike or TAMU bus, etc.), drinking from a reusable water bottle, using the water bottle filling stations, raising awareness about social justice initiatives, or just simply hanging out with friends. Each photograph contains the participant’s name and/or message on a dry erase board branded with the phase “Caught...by the Sustainability Cam.” Sustainability Cam photos are posted on our Facebook page and open for tagging (Figure 19). In this way we not only convey to people how sustainable living can be applied in real life on campus but also expand the positive impact of our intern team.

\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{image19.png}
\caption{Student Luke Ellis “Caught...by the Sustainability Cam.”}
\end{figure}

OS has been working diligently with student groups such as the Environmental Issues Committee (EIC) and One Love to incorporate student participation in campus sustainability initiatives. EIC in particular has played a prominent role in organizing Texas A&M Earth Day, while the OS serves as a co-sponsor. We have worked with members of these groups to identify, evaluate, engage, and expand opportunities for students to participate in sustainability as part of student clubs and organizations. In 2009, OS established a student sustainability council to create a network of sustainability-minded students and organizations that can partner with OS and each other. The council is transitioning into a university-recognized student organization.

\textsuperscript{19} Consent is required before taking photos.
The Sustainable Office Certificate (SOC) program provides education and certification for offices that wish to incorporate sustainable practices into their work environment. Thus far, OS has conducted the SOC pilot audit in four offices on campus; the Central Administration/Housing Assignments office, Environmental Programs office, the General Services Complex location of the Office of the Vice President in the Division of Finance and Administration, and UES Energy Stewards office (Figure 20). The offices of Central Administration/Housing Assignments, Environmental Programs, and UES Energy Stewards earned two-star Sustainability Office Certifications and the General Services Complex location of the Office of the Vice President in the Division of Finance and Administration earned a three-star Certification.

A Sustainable Events Certification program is in development and will establish guidelines and offer education, certification, and recognition for faculty, staff, and students who hold an event utilizing sustainable practices, such as minimizing waste, buying locally, and creating an inclusive environment.

The final piece of our four platforms, the Sustainability Pledge, was launched on April 20, 2011. By taking the pledge online individuals learn how to live more sustainably by committing to incorporating sustainable actions into their daily life. More than 1,000 people have taken the pledge to date.

ResLife contributes to campus education through the Aggie Eco Reps Program. Eco Reps educate their fellow students by hosting informational lectures in the residence halls, participating in campus-wide events such as Texas Recycles Day and Earth Day, and promoting a sustainable lifestyle by living as an example for fellow students. The Eco Reps promote sustainable practices by encouraging students to make small changes in the way they live, from turning electronics off when not in use, using a reusable water bottle, reducing food waste, taking advantage of alternative transportation, to recycling bottles and cans on campus. The Aggie Eco Reps mission statement is “Providing students with the education and opportunity to promote and continue sustainability,” and, as a grassroots movement here at TAMU, the Eco Reps are making progress every day. This program is supported by the AGF and the department of ResLife through hall improvement funds and sustainability outreach funds.

In order to spread our sustainability message, the OS has been giving away free branded items (Figure 21) at events such as New Student Conference, International Student Conference, Ice Cream Carnival,
Campus Sustainability Day, Earth Day, and Water Bottle Filling Station Grand Openings. By doing so, OS is promoting its brand and engaging people in sustainability-related activities in a rewarding way. In addition, those giveaways act as a reminder to live a more sustainable lifestyle on/off campus.

Among the branded items, the reusable water bottles are the most popular among students. These high-quality Camelbak bottles can be used to get water from the water bottle filling stations. We generally give free water bottles to participants who attend our Grand Opening Presentations for the filling stations. The presentations last 30 minutes and cover a wide range of issues about living sustainably and viewing sustainability holistically. Currently there are 20 locations on campus that have water bottle filling stations installed through the support of AGF. When people use the station to fill up their containers, they are reducing plastic waste by avoiding plastic bottles. So far, Aggies have diverted a total of 652,853 one-time use, 20 oz. plastic bottles from ending up in the landfill.

The OS engaged students in sustainability activities in a fun and rewarding way by hosting scavenger hunts in both 2012 and 2013 through a mobile app (SCVNGR). We utilized this game as a platform to remind participants how they can live a more sustainable life by asking questions regarding sustainability and using sustainable campus facilities as clues and targets. Approximately 80 students participated in these two events. The first three teams that completed the hunt earned prizes including iPads, Apple TVs, a semester lease of MaroonBike, Camelbak bottles, Camelbak backpacks, and free pizza. All participants earned TAMU sustainability branded items. Our SCVNGR Hunts were sponsored by campus units and local businesses including University Dining, MacResource Computer Center, Chase Bank, Brazos Natural Foods, Camelbak, Hungry Howie’s, and Chipotle.

During these events, OS has given away 1,128 reusable bags, 777 “I Respect. I Protect. I Pledge.” buttons, 1,205 100% recycled note pads, 1,431 reusable water bottles, 240 Maroon T-shirts and 549 cream T-shirts.

Please refer to Appendix for the list of locations of the water bottle filling stations.

Data reported by the Office of Sustainability, Water Bottle Filling Station Monthly Reading.
12. Management and Funding Support

GOAL: Ensuring the sustainability program is managed and funded to meet the goals of the University

REPORTING UNIT: Office of Sustainability

The Aggie Green Fund Advisory Committee (AGFAC), which was founded in Spring 2010, serves to increase sustainability efforts on the TAMU campus as well as support the educational efforts of our students, faculty, and staff. AGFAC has created the application and selection process for those who are interested in applying for green fund dollars. In the Spring of 2012, the AGFAC announced funding for seven projects. They awarded $274,710 in grants to the following projects.

- Greenhouse and Education Facility
- Outdoor Recycling Bins for Main Campus – Ross Street
- Rack ‘Em Aggies
- Engineering Quadrant Recycling Stations
- Water Bottle Filling Stations
- Recycling Stickers for Residence Hall Rooms

In 2013, AGFAC approved nine projects which received more than $267,000 to develop projects to increase campus sustainability. The nine projects are as follows:

- Recycling in Residence Halls
- Scavenger (SCVNGR) Hunt for Sustainability Outreach
- Water Bottle Filling Stations (WBFS) in the Residence Halls
- Aggie Zimride Continuance
- Exterior Recycling Bins for High use Area of Campus
- Water Bottle Filling Stations
- Bike Rack-O-Rama
- Office of Sustainability Part Time Funding
- Water Conservation-Shower Heads

OS has been the recipient of multiple grants to purchase filtered water bottle filling stations and hire part-time student interns.
One way OS manages campus sustainability efforts is through our charter membership in the Sustainability Tracking, Assessment, and Rating System (STARS). TAMU earned its first STARS rating (Silver) on February 14, 2012 and is one of 284 STARS reporting institutes. A comparison with Vision 2020: Creating a Culture of Excellence peers can be found in Figure 22. STARS is run by the Association for the Advancement of Sustainability in Higher Education (AASHE). STARS is a self-assessment and measurement tool TAMU uses to gauge our sustainability successes and opportunities for improvement compared to other higher education institutions. As we work to complete our STARS data, key campus stakeholders will report data for their departments, and once all their data is submitted TAMU will receive our STARS rating for 2015. This body of data will be accessible to any interested party through the AASHE website.

<table>
<thead>
<tr>
<th>Vision 2020 Peers</th>
<th>Rating</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Georgia Institute of Technology</td>
<td>Gold</td>
<td>78.45</td>
</tr>
<tr>
<td>University of Illinois</td>
<td>Gold</td>
<td>74.51</td>
</tr>
<tr>
<td>University of California - Davis</td>
<td>Gold</td>
<td>71.18</td>
</tr>
<tr>
<td>University of California San Diego</td>
<td>Gold</td>
<td>68.32</td>
</tr>
<tr>
<td>University of Minnesota</td>
<td>Silver</td>
<td>64.54</td>
</tr>
<tr>
<td>University of Florida</td>
<td>Silver</td>
<td>62.51</td>
</tr>
<tr>
<td>University of California Los Angeles</td>
<td>Silver</td>
<td>59.14</td>
</tr>
<tr>
<td>The Ohio State University</td>
<td>Silver</td>
<td>59.10</td>
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<td>Penn State University</td>
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<td>University of North Carolina</td>
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</tr>
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<td></td>
</tr>
<tr>
<td>University of Wisconsin</td>
<td>IP</td>
<td></td>
</tr>
</tbody>
</table>

Figure 22: A comparison with Vision 2020: Creating a Culture of Excellence peers.

\[23\] The STARS rating system adopts a scale of Platinum, Gold, Silver, Bronze and Reporter for those who don’t want to ranked.
Besides promoting sustainability on campus, OS is collaborating with other universities and Environmental Protection Agency (EPA) Region 6 (serving Arkansas, Louisiana, New Mexico, Oklahoma, Texas and 66 Tribes) on sustainability programs. The 2nd annual Texas Regional Alliance for Campus Sustainability Summit (Figure 23) was hosted by the TAMU Office of Sustainability in February 2014. The summit serves as a platform for faculty members, students, and sustainability professionals who are supporting the higher education sector in the Texas region, to share sustainability information and resources.

OS has received recognition for its sustainability initiatives. In 2013, OS won the “Can Do Recycling Award” for the Annual Keep Brazos Beautiful (KBB) Awards. The “Can Do Recycling Award” is given to individuals or organizations whose efforts in waste minimization and recycling stand above the rest. OS won this award as a result of its success on the water bottle filling stations and the positive impact we have brought to campus.

**Conclusion**

As stated above, we are making substantial progress toward the strategic initiatives identified in the Sustainability Master Plan. With the continued support and collective efforts of all our constituents, we will continue to make progress toward achieving the Sustainability 12 and creating a more sustainable Texas A&M University.

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24 For award information please refer to http://keepbrazosbeautiful.org/programs/awards/annualawards.
Appendix A - Acronym Glossary

AASHE = Association for the Advancement of Sustainability in Higher Education
AGFAC = Aggie Green Fund Advisory Committee
CC = Career Center
CCD= Council on Climate and Diversity
CHP = Combined Heat & Power Plant
DHW= Domestic Hot Water
EAP = Energy Action Plan
EIC= Environmental Issues Committee
EPA = Environmental Protection Agency
ESP = Energy Stewardship Program
GHG = Greenhouse Gas Emissions
GSF = Gross Square Footage
HVAC = Heating, Ventilation, Air Conditioning
KBB= Keep Brazos Beautiful
LEED= Leadership in Energy and Environmental Design
MTeCO2=Metric Tons of Carbon dioxide Equivalents
OS = Office of Sustainability
OVPAPD = Office of the Vice President and Associate Provost for Diversity
rBGH or rBST= Recombinant Bovine Growth Hormone, or Recombinant Bovine Somatotropin
ResLife = Residence Life
SCVNGR Hunt=Scavenger Hunt
SMP = Sustainability Master Plan
SOC = Sustainability Office Certificate
STARS = Sustainability Tracking, Assessment, and Rating System
TAMU = Texas A&M University
TS = Transportation Services
UES = Utilities & Energy Services
Appendix B - List of Water Bottle Filling Stations

Below is a list of water bottle filling stations that have been funded by a grant from the AGF. Other water bottle filling stations have been installed through various means. These include but are not limited to: Johnson Controls, Inc.; Siemens; upgrades to existing maintenance projects; and installation as part of building renovations or new construction. At this time, there are over 85 water bottle filling stations on campus.

**Residence Halls**

- Aston ............................................................................................................................................. Commons Hall
- Davis-Gary ........................................................................................................................................ 1st, 3rd Floor
- Fowler ............................................................................................................................................... 1st Floor
- Hart ................................................................................................................................................ 1st Floor
- Hughes ........................................................................................................................................... 1st Floor
- Keathley ........................................................................................................................................... 1st Floor
- Krueger ........................................................................................................................................... Commons Hall
- Lechner ............................................................................................................................................ 1st, 3rd Floor
- Legett ............................................................................................................................................... 1st, 2nd Floor
- MacFadden ..................................................................................................................................... 1st, 3rd Floor
- Moses ............................................................................................................................................. 1st, 3rd Floor
- Mosher .......................................................................................................................................... Commons Hall
- Underwood ...................................................................................................................................... 1st, 2nd, 3rd, 4th Floor
- University Gardens Apartment Community Center .................................................................... 1st Floor
- Walton ............................................................................................................................................. Commons Hall
- Wells .............................................................................................................................................. 1st, 2nd, 3rd Floor

**Campus Buildings**

- Allen Building ................................................................................................................................ 1st Floor
- Annex ............................................................................................................................................... 1st, 4th Floor
- Eller O&M ....................................................................................................................................... 1st Floor
- Evans Library ................................................................................................................................... 1st Floor
- Harrington Tower ............................................................................................................................. 2nd Floor
- Koldus ............................................................................................................................................. 1st, 2nd Floor
- Langford A ....................................................................................................................................... Ground Floor
- Memorial Student Center .................................................................................................................. 13 locations
- Rec Center ....................................................................................................................................... 13 locations
- Rudder Theater .............................................................................................................................. 3 on 1st Floor
- Student Computing Center .............................................................................................................. 1st Floor
- Wehner .......................................................................................................................................... Entrance #3
- West Campus Library ...................................................................................................................... 1st Floor
- Zachry ............................................................................................................................................. 2 on 1st Floor
Texas A&M University defines sustainability as the efficient, deliberate and responsible preservation of environmental, social and economic resources to protect our earth for future generations of Texas Aggies, the TAMU community and beyond.