

The University of Virginia's College at Wise
Planning and Institutional Effectiveness

Unit/Department or Functional Area	Name and Title of Person Completing Form
Division of Student Affairs/Facilities Management	John Reeves

Mission of Department or Functional Area
The mission of the Physical Plant of the University of Virginia's College at Wise is to provide, operate and maintain a safe, comfortable and aesthetically pleasing environment for its students, staff, faculty and visitors conducive to learning.

2005-2006						
Expected Outcomes in Measurable Terms	Desired Accomplishments/ Goals	Critical Priorities	How Outcomes Will Be Achieved (Action Plan)	Method(s) of Assessment (Be Specific)	Results	
1. Increase the number of Arlington lights by 50 percent. Removal of ten percent of Old Dominion Power's Cobra Head style lights.	2.6	K	>Installation of Arlington series post lights in poorly lit areas. >Replacement of insufficient lighting systems with Arlington Lights.	Compare FY2005 lighting schematics to FY2006 lighting schematics	>Thirty-four Arlington lights were installed throughout campus. (60% increase of said fixtures). This created better lighting to ensure safety as well as aesthetics. >Five cobra head fixtures were removed (10%). This created a more aesthetic environment for student, staff and faculty.	
2. Map 75% of underground utilities.	2.6	K	>Work with utility owners to locate various underground lines. >Uncover and verify lines in question. >Use triangulation and GPS technology to create detailed utility map. >Purchase underground utilities locator. >Produce a detailed map of all underground utilities including water, sewer, natural gas and communication vehicles.	Compare FY2005 utility plans to FY2006 utility map.	>Underground utilities locator was purchased. >Mapping of underground utilities began in March 2006 that included all utilities in the area surrounding McCrary field, Theme houses and Lila Vickers Smith House. >Additional mapping was done around Smiddy Hall/Student Center/Bowers-Sturgill/gym areas.	

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						>At present 25% of utilities are mapped.
	3. >Elimination of 80 percent of propane use. >Elimination of 100 percent of fuel oil use.	2.6 3.4		>Install new natural gas trunk line behind Theme Houses to new residence hall. >Install pressure taps at each house. >Convert existing propane equipment to natural gas. >Remove existing oil boilers from McCraray Hall and replace with natural gas boilers.	Compare FY2005 energy plan to FY2006 energy plan	>Oil-fired boilers were successfully replaced by natural gas boilers in McCraray Hall eliminating fuel oil use completely, or 100%. >A natural gas truck line was installed behind the theme houses and pressure taps were installed for each house, but no propane use was eliminated.

Analysis and Documented Improvements Narrative

Outcome Goal #1: *Increase the number of Arlington lights by 50 percent. Removal of ten percent of Old Dominion Power's Cobra Head style lights.*

Based on your results, analyze and document the reasons the expected outcome was a) met, b) partially met, or c) not met.

1. If outcome goal was b) partially met or c) not met, what further actions will you take to address this shortcoming?
2. What improvements have been made as a result of your efforts on this goal?
3. Did your assessment suggest other areas for further improvement?

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4. Provide a one paragraph executive summary for the annual institutional effectiveness report:

Outcome Goal #2: *Map 75% of underground utilities.*

Based on your results, analyze and document the reasons the expected outcome was a) met, b) partially met, or c) not met.

1. If outcome goal was b) partially met or c) not met, what further actions will you take to address this shortcoming?
2. What improvements have been made as a result of your efforts on this goal?
3. Did your assessment suggest other areas for further improvement?
4. Provide a one paragraph executive summary for the annual institutional effectiveness report:

Outcome Goal #3: *>Elimination of 80 percent of propane use. >Elimination of 100 percent of fuel oil use.*

Based on your results, analyze and document the reasons the expected outcome was a) met, b) partially met, or c) not met.

1. If outcome goal was b) partially met or c) not met, what further actions will you take to address this shortcoming?
2. What improvements have been made as a result of your efforts on this goal?
3. Did your assessment suggest other areas for further improvement?
4. Provide a one paragraph executive summary for the annual institutional effectiveness report:

Outcome Goal #4:

Based on your results, analyze and document the reasons the expected outcome was a) met, b) partially met, or c) not met.

1. If outcome goal was b) partially met or c) not met, what further actions will you take to address this shortcoming?
2. What improvements have been made as a result of your efforts on this goal?
3. Did your assessment suggest other areas for further improvement?
4. Provide a one paragraph executive summary for the annual institutional effectiveness report:

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Goal # 1:

1. Our goal was met.
2. As a result of meeting this goal, we have improved lighting in many areas of campus including McCrrary Hall, McCrrary Field, Smiddy Hall, Asbury Hall, Thompson Hall and Martha/Randolph Hall. Not only does the addition of Arlington lights create a safer environment but a much more aesthetically pleasing one as well. The removal of the outdated cobra head lights also creates a more beautiful campus because of the worn and rusty surfaces of the older pole standards. Also, these particular lights fail to cast enough light in many of the areas in question.
3. By installing the Arlington lights in these areas we found that additional ones should be installed in several other areas around campus. Twenty-six more lights have been ordered and will be installed this coming year.
4. The addition of thirty-four Arlington lights and the removal of outdated cobra head lights have greatly increased the aesthetics of our grounds, giving it the "feel" of a college campus. This project has also created better lighting that in turn creates a far safer environment for students, staff and faculty.

Goal # 2:

1. This goal was only partially met due to the fact that our underground line locator did not arrive on campus until Spring. Since that time we have been locating and mapping lines throughout campus. At present 25% have been mapped.
2. This mapping has improved our ability to perform various work activities in a more efficient manner.
3. This process has made it apparent to us that all new utilities should be mapped during construction.
4. The location and mapping of utilities has created a safer work environment for our staff as well as out-sourced contractors. Updated utility maps are a great tool during planning of construction and/or renovation as well. The luxury of knowing what utilities exist and where allows projects to progress smoothly.

Goal # 3:

1. This goal was only partially met. The conversion of propane furnaces to natural gas in the Theme houses was not performed. It was decided that this would be a waste of resources due to the fact that some if not all of these

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buildings would be demolished for future construction. However, the natural gas line was installed and pressure taps made for future connections. The oil-fire boilers in McCraray Hall were replaced with natural gas boilers.

2. The conversion of the McCraray boilers eliminated our need for fuel oil. The installation of the natural gas line behind the Theme houses allows easy accessibility to natural gas for future construction.
3. All boiler systems on campus are now natural gas fired, so we should make every effort possible to assure that future boilers also be natural gas fired.
4. The conversion of oil boilers to natural gas made our campus more efficient in regards to fuel usage. Gas is also a much cleaner fuel and therefore we have been re-classified by the Department of Environmental Quality as a Non-reporting facility. As a result of the new line installation, we are prepared to provide natural gas to all existing and future facilities on our original campus.