

Project Information

Project Name: _____

Contact Name: _____

LEED AP on Project (if applicable): _____

What are your sustainability goals for this project? _____



What strategies will the project employ to decrease stormwater runoff?

- Pervious pavement solutions in parking areas and on walkways
- Capturing and infiltrating runoff onsite, using solutions such as:
 - rain gardens
 - rain barrels
 - vegetated roof(s)
 - bioswale(s)
 - cisterns
 - other _____
- Other (please specify):

Resources: Pennsylvania Water and Sewer Authority (PWSA), Stormworks

What strategies will the project employ to decrease heat island effect?

- Shade trees along walkways
- Solar panels as shade structures
- Hardscape materials with a solar reflective index (SRI) of at least 29
- Shading parking areas
- White roof
- Vegetated roof
- Other (please specify):

Resources: Tree Pittsburgh, Cool Roof Rating Council



What strategies will the project employ to minimize environmental impacts to the site?

- Existing tree protection plan
- Erosion and sedimentation control plan
- Construction waste management plan
- Other (please specify):

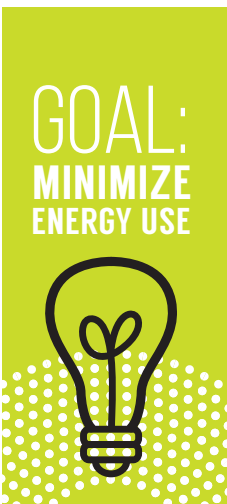
Resources: 2003 EPA Construction General Permit



What strategies will the project employ that minimize parking demand and encourage alternate transportation?

- Number of parking spaces does not exceed minimum number of parking spaces as required by code
- Preferred parking for low-emitting and fuel-efficient vehicles
- Preferred parking for carpools
- Alternative-fuel fueling stations
- Secure bicycle racks and storage
- Covered storage facilities for securing bicycles
- Shower and changing facilities in the building
- A Pittsburgh Bike Share station on project property
- Other (please specify):

Resources: Port Authority, Bike Pittsburgh, Pittsburgh Bike Share



What strategies will the project employ to minimize Energy Use?

- Daylighting Design
- Solar shading to reduce glare and summer heat gain
- Building orientation
- Building energy use tracking through master meters
- Automated benchmarking software
- LED light bulbs
- Fluorescent light bulbs
- Lighting controls, such as daylight sensors, dimmers, tuning and occupancy sensors
- Thermal controls, including programmable thermostats
- Energy-Star rated appliances
- Other (please specify):

Resources: EPA Energy Star Program



What strategies will the project employ to create a highly efficient building envelope that will reduce the energy required to heat and condition the building?

- Insulation using materials with high R-values
- Insulation levels over local Code requirements
- Highly-efficient low-e windows
- Other (please specify):

In existing buildings:

- Caulk around window frames to decrease air infiltration
- Install low-e window film
- Utilize interior storm windows
- Other (please specify)

How will the project ensure highly efficient building systems?

- Commissioning

Which Systems?

- | | |
|---|---|
| <input type="checkbox"/> HVAC | <input type="checkbox"/> Domestic hot water |
| <input type="checkbox"/> Refrigeration | <input type="checkbox"/> Renewable energy |
| <input type="checkbox"/> Lighting and daylighting | |
- Building Automation System
 - Other (please specify):



What strategies will the project employ to ensure great indoor air quality?

- Prohibit smoking inside
- Designate smoking areas not within 25 feet of building entries, outdoor air intakes or operable windows
- Building orientation for natural ventilation
- Operable windows for natural ventilation
- CO2 and Carbon Monoxide monitors
- Low or no-emitting materials and finishes
- Increased ventilation
 - Air Filters Merv 8 or better (Good)
 - Aire FilMerv 13 or better (Better)
 - HEPA (Best!)
- Other (please specify):

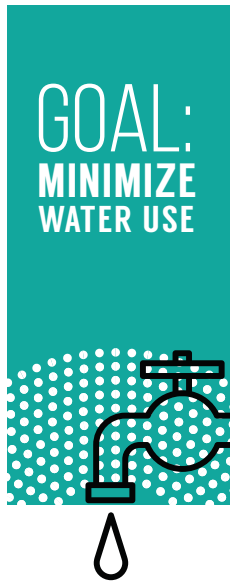




What strategies will the project employ to minimize its carbon footprint?

- Purchase renewable energy
- Generate on-site electricity using photovoltaics
- Utilize geothermal heating
- Utilize locally-produced/sourced materials when appropriate
- Other (please specify):

Resources: PA Power Switch, EnergySage.com



What strategies will the project use to minimize water use outside?

- Native species landscape / xeriscaping
- WaterSense certified irrigation controls
- Irrigation using captured water runoff
- Other (please specify):

-
- WaterSense-labeled fixtures
 - Low-flow shower heads
 - Low-flow faucets
 - Faucet aerators
 - Low-flow toilets
 - Dual-flush toilets
 - Low-flow urinals (Good)
 - Waterless urinals (Better!)
 - Other (please specify):

Resources: EPA WaterSense Program



What strategies will the project employ to encourage occupant participation in sustainability strategies?

- Dedicated area for collection and storage of recycling
- Utilize a Green Lease
- Occupant thermal and lighting controls
- Other (please specify):

Resources: Pennsylvania Resource Council (PRC), Green Lease Library

Resources:

Bike Pittsburgh, www.bikepgh.org

Bike Pittsburgh is a non-profit organization that works on behalf of the Pittsburgh community to make the city safe, accessible and friendly to bicycle transportation.

Construction Junction, www.constructionjunction.org

Construction Junction is a non-profit organization that promotes conservation through the reuse of building materials.

Cool Roof Rating Council, www.coolroofs.org

The Cool Roof Rating Council was created in 1998 to develop accurate and credible methods for evaluating and labeling the solar reflectance and thermal emittance (radiative properties) of roofing products and to disseminate the information to all interested parties.

Energy Sage, www.energysage.com

At no cost, EnergySage gets you quotes from multiple qualified installers, calculates the important financial metrics and makes it easy to compare your quotes so you get a great deal.

Energy Star, www.energystar.gov/products

ENERGY STAR products are independently certified to save energy without sacrificing features or functionality. Look for the ENERGY STAR label.

EPA WaterSense, www.epa.gov/watersense

The WaterSense program helps consumers make smart water choices that save money and maintain high environmental standards without compromising performance. Products and services that have earned the WaterSense label have been certified to be at least 20% more efficient without sacrificing performance.

Green Building Alliance, www.go-gba.org

GBA inspires the creation of healthy, high-performance places for everyone by providing leadership that connects knowledge, transformative ideas, and collaborative action.

Green Lease Library, www.greenleaselibrary.com

The Green Lease Library consolidates green leasing resources to provide a one-stop-shop for all audience types – from building owners and tenants to lawyers and building raters. The green lease library is organized by resource type, and resources are tagged by relevance to audience and building types.

PA Power Switch, www.papowerswitch.com

In Pennsylvania, you can choose the company that generates your electricity – also known as your electric supplier. This means that you have the power to switch to a competing supplier who can offer the lowest price or provide a specific service you want, such as green/renewable energy. Many electric generation suppliers choose to list their prices, along with terms and conditions, on PA Power Switch.

Pennsylvania Resource Council (PRC), www.prc.org

PRC is recognized as a state and national leader in waste reduction, recycling, litter and visual blight prevention, watershed awareness and composting.

Pittsburgh Bike Share, www.pittsburghbikeshare.org

Pittsburgh Bike Share owns and operates the Healthy Ride bike-sharing system to expand access to public transit through easy-to-use, affordable active transportation opportunities.

Pittsburgh Water & Sewer Authority,

<http://www.pgh2o.com/going-green>

PWSA is proposing the use of green infrastructure and integrated watershed management to assist in the control of combined sewer overflows as the first step of a broader adaptive management plan. Their Green Infrastructure Grant Program provides matching funds to property owners for implementation and monitoring of innovative green approaches to stormwater management.

Port Authority of Pittsburgh, www.portauthority.org

Port Authority of Allegheny County provides public transportation throughout Pittsburgh and Allegheny County.

StormWorks, www.stormworkspgh.com

By providing simple solutions to area property owners to reduce stormwater damage to our water supply, StormWorks gives property owners and businesses the information they need to make positive, measurable changes in their neighborhoods.

Tree Pittsburgh, www.treepittsburgh.org

Tree Pittsburgh's mission is to protect and restore Pittsburgh's urban forest through community tree planting and care, education and advocacy. They care for trees, plant trees and plan for the future of Pittsburgh's urban forest.