BUILDING NAME	LOCATION		DATE OF ASSESSME
PREPARED BY	SQUA	RE FOOTAGE (specify gsf or u	usf):
AISSION DEPENDENCY		gsf usf	
	ssion Dependent		
COMMISSIONING/RECOMMISSIONING	•		
Completed Date Not comp	pleted Not App	icable	
ASSESSMENT REPORT ATTACHED? Yes No The Assessment Report should include a a prioritized list of deficiencies that can be addressed by n status summary indicating whether a major renovation or p assessment team.	ninor alterations or re	pairs (considering payback ov	er the life cycle); and a
A. ENERGY PERFORMANCE			
Energy Efficiency			
demands. Establish a baseline building performance rat Engineers, Inc., (ASHRAE) and the Illuminating Engine Buildings Except Low-Rise Residential Buildings. Reduce Energy Usage Intensity (EUI) by 20% below 20 Manager (ESPM).	ering Society of Nort	n America (IESNA) Standard 9 ve a score of 75 or higher in E	0.1-2007, Energy Standard for nergy Star Portfolio
Establish an energy usage baseline using histo data (2003 EUI)	oric	Reduction in EUI of > 10%	
OR		Reduction in EUI of > 15% OR	
Establish an energy usage baseline using ASH IESNA 90.1-2007	R <mark>AE</mark> /		higher in ESPM or equivalent I score for laboratory buildings.
Establish an energy usage baseline using ASH	RAE/	Labs21 Benchmarking Toc Reduction in EUI of > 20%	I score for laboratory buildings.
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i>		Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i>	I score for laboratory buildings.
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager		Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or	I score for laboratory buildings.
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo		Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or	l score for laboratory buildings. , higher in ESPM or equivalent
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo	ped	Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or	l score for laboratory buildings. , higher in ESPM or equivalent
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5%	ped Score and where	Labs21 Benchmarking Toc Reduction in EUI of > 20% OR Achieved a score of 75 or Labs21 Benchmarking Toc	higher in ESPM or equivalent score for laboratory buildings.
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification Building level metering installed for electricity, a	ped Score and where ering	Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc All utility meter performanc used to evaluate Energy P Data entered in Energy Sta	higher in ESPM or equivalent higher in ESPM or equivalent of score for laboratory buildings.
Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification Building level metering installed for electricity, a required by OPDIV energy plan advanced mete Electrical meter performance data collected, co	and where ering ompiled ned in EO	Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc All utility meter performanc used to evaluate Energy P Data entered in Energy Sta	higher in ESPM or equivalent of score for laboratory buildings.

No renewable energy purchased (consumed) & no on	3% or more electricity consumed is from renewable	
site generation. Less than 3% of Renewable Energy (thermal,	sources and 1.5 % is from new sources (online after Jan 1, 1999)	
mechanical or electrical) is purchased for use in the facility.	Implemented cost effective on site renewable energy generation projects.	
3% or more of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility	3% or more electricity consumed is from renewable sources and 1.5 % is from new sources (online after Jan 1, 1999) and Implemented cost effective on site renewable energy generation projects.	
Score		
PROTECT & CONSERVE WATER		
ndoor Water		
Effectiveness of indoor water conservation. The water baseline, for building the Uniform Plumbing Codes 2006 or the International Plumbing Codes of for plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Code performance requirements.	32006 fixture performance requirements. The water baseline	
FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place	Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baseline	
for following the indoor best management practices as developed by FEMP ¹	Employs strategies that in aggregate use a minimum of 20% less notable water than the indoor water use OR	
Building level water meter installed or estimated annual water use baseline developed for the building.	20% less potable water than the indoor water use <i>OR</i> 20% reduction in measured potable water use compared to building use in 2003 or a year thereafter with water	
Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water	quality data.	
use baseline		
Score		
Dutdoor Water		
Effectiveness of outdoor water conservation		
FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the outdoor best management practices as developed by FEMP ¹ Uses water efficient landscape and irrigation strategies,	Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 40% over that consumed by conventional means (plant species and plant densities <i>OR</i>	
including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 20% over that consumed by conventional means (plant species and plant densities)	Reduces outdoor potable water consumption by a minimum of 40% compared to measured water use in 2003 or a year thereafter with quality water data	
OR Reduces outdoor potable water consumption by a minimum of 20% compared to measured water use in 2003 or a year thereafter with quality water data	Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 50% over that consumed by conventional means (plant species and	
Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 30% over that consumed by conventional means (plant species and plant densities) <i>OR</i>	plant densities), OR Reduces outdoor potable water consumption by a minimum of 50% compared to measured water use in 2003 or a year thereafter with quality water data, OR	
Reduces outdoor potable water consumption by a minimum of 30% compared to measured water use in 2003 or a year thereafter with quality water data	No use of potable irrigation water	
Score		

Process Water

Effectiveness of Process water conservation, where applicable

Cost effective conservation measures are in place to reuse or reclaim water used in increasing energy efficiency, such as cooling towers, boilers, etc.

Score

Maintain/restore site hydrology (Bonus)

Where redevelopment affects site hydrology, maintain or restore the hydrology of the site with regard to temperature, rate, volume, and duration of flow using site planning, design, construction, and maintenance strategies. (EISA Section 438)

Score

Score

C. ENHANCE INDOOR ENVIRONMENTAL QUALITY

Thermal Comfort

Effectiveness of measures to enhance indoor environmental quality for thermal comfort

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are daily.

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are weekly.

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are monthly. Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are rare.

Occupancy survey performed, or thermal comfort parameters have been measured, and meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for Human Occupancy.

Ventilation

Effectiveness of measures to enhance indoor environmental quality for ventilation

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed.

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed. O&M procedures in place for checking air supply and exhaust systems.

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed. O&M procedures in place for checking air supply and exhaust systems. Occupant complaints are rare. Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) performed within the last 5 years. O&M procedures in place for checking air supply and exhaust systems. Occupant complaints are rare.

Verification of design ventilation rates performed through recommissioning or retrocommissioning, and meets current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality established ranges per climate zone.

Score

Recurring moisture and or condensation problems in various areas in the building. Some evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation. Recurring moisture and or condensation problems in various areas in the building. No evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation.	Established and implemented moisture control strategy for controlling moisture flows and condensation to prevent building damage and mold contamination. All necessary repairs have been completed to remove prior contamination.
various areas in the building. No evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation.	
Scoro	
5006	
aylighting or Lighting Controls	
fectiveness of measures implemented to control lighting or daylighting.	
No measures have been implemented. Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 10% of regularly occupied building space, <i>OR</i>	Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 40% of regularly occupied building space, <i>OR</i> 40% of spaces have a minimum daylight factor of 2%.
10% of spaces have a minimum daylight factor of 2%. Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 30% of regularly occupied building space, <i>OR</i> 30% of spaces have a minimum daylight factor of 2%.	Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 50% of regularly occupied building space and occupancy sensors and/or light sensors for appropriate spaces such as bathrooms, conference rooms, etc. <i>OR</i> 50% of spaces occupied for critical visual tasks have a minimum daylight factor of 2%.
Score	
w Emitting Materials	
fectiveness of measures implemented for the procurement of low emitting cluding adhesives, sealants, paints, carpet systems, furnishings, cleaning	
No procurement policy in place regarding the use of low emitting materials for maintenance, cleaning or pest management	Procurement policy in place and implemented for use of low emitting materials for maintenance, cleaning, or pest management, but not all.
Procurement policy in place for use of low emitting materials for maintenance, cleaning, or pest management, but not all. Procurement policy in place regarding use of low emitting materials for maintenance, cleaning, and	Procurement policy in place and implemented for use of low emitting materials for maintenance, cleaning, and per management. Prohibit smoking within building and within 25 feet of all building entrances, operable windows and building ventilation intakes.
pest management.	
Score	

D. ENVIRONMENTAL IMPACT OF MATERIALS

Recycled Content

No EPA designated materials used in the building meet recycled content recommendations.	More than half of the EPA designated materials meet or exceed recycled content recommendations.	
Less than half of the EPA designated materials meet or exceed recycled content recommendations.	All EPA designated materials meet or exceed recycled content recommendations, or no EPA designated material	
Half of the EPA designated materials meet or exceed recycled content recommendations.	are used in the building.	
Score		
or materials used in operation and maintenance of the building and furnisl ontent is such that the sum of post-consumer recycled content plus one-ha ased on cost) of the total value of the materials used in the building.		
No non-designated materials used in the building have recycled content.	Recycled content of non-designated materials used is 5-10% based on total values of materials used in	
Recycled content of non-designated materials used is less than 5% based on total values of materials used in the building.	the building. Recycled content of non-designated materials meets or exceeds 10% based on total values of materials used in	
Recycled content of non-designated materials used is about 5% based on total values of materials used in the building.	the building.	
Score		
ioBased Content		
or USDA-designated materials used in operation and maintenance of the ceeding USDA's biobased content recommendations.	building and new furnishings, use products meeting or	
No USDA-designated materials meet biobased content recommendations.	Designated materials have biobased content greater than 50% of recommended amount.	
Designated materials have some biobased content but less than 50% of recommended amount.	All USDA-designated materials used in the building meet or exceed biobased content recommendations, or no	
Biobased content of designated materials is 50% of recommended amount.	designated materials will be used in the building	
Score		
or other materials used in operation and maintenance of the building and enewable resources and certified sustainable wood products.	new furnishings, use biobased products made from rapidly	
No biobased products made from rapidly renewable resources or certified sustainable wood products are used.	More than 50% of the non-designated biobased products used in the building are made from rapidly renewable resources or certified sustainable wood.	
Some non-designated biobased products made from rapidly renewable resources or certified sustainable wood products are used but renewable or certified products will be less than 50%.	For non-designated materials used in the building, a biobased products are made from rapidly renewable resources and certified sustainable wood products, o no materials used in the building can be made from	
About 50% of the non-designated biobased products used are made from rapidly renewable resources or certified sustainable wood.	biobased products.	

Construction Waste	
Identify local recycling and salvage operations that process construction w and renovations and discarded furnishings. Recycle or salvage at least 50 excluding soil, from building operation and maintenance; minor repairs and site recycling opportunities exist.	percent of construction, demolition and land clearing waste,
No attempt to identify local recycling and salvage operations that process building related waste have been identified, or building records contain no documentation of attempts to identify such operations or demonstration of non-availability. Opportunities exist yet no wastes are recycled or salvaged. Local recycling and salvage operations have been identified that can process some of the building related waste but less than 50% of the total amount.Less than 25 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged.	Local recycling and salvage operations have been identified that can process 50% of the total amount of the building related waste. 25 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. Local recycling and salvage operations have been identified that can process more than 50% of the total amount of the building related waste. 26-49 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. Local recycling and salvage operations have been identified that can process building related wastes. At least 50 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged.
Score	
Ozone Depleting Compounds	
Eliminate the use of ozone depleting compounds in the building where alter consistent with either the Montreal Protocol and Title VI of the Clean Air Ac benefits that take into account life cycle impacts.	
No ozone depleting compounds (ODC) used in the building have been eliminated or replaced with alternatives, where alternative environmentally preferable products are available for these compounds. There is no inventory of ODC containing equipment in building. Less than 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has not been completed.	About 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has not been completed. More than 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has been completed. All use of ozone depleting compounds in the building have been eliminated or replaced with alternatives where alternative environmentally preferable products are available.
Score	
E. ECONOMICS Cost Current and avoidable potential costs associated with ownership and use	of buildings
Cost to incorporate the Guiding Principles is greater than 11% of Present Replacement Value (PRV)	Cost to incorporate the Guiding Principles is 1% to 3% of PRV
Cost to incorporate the Guiding Principles is 7% to 11% of PRV	Cost to incorporate the Guiding Principles is 0.5% to 1% of PRV
Cost to incorporate the Guiding Principles is 3% to 7% of PRV	50 Cost to incorporate the Guiding Principles is less than 0.5% of PRV
Score	
	(continued on next page)

Payback	
Potential payback for improvements over the remaining life cycle or	lease
Payback period is greater than the remaining useful life of the building, or 10 years based on Life Cycle Cost (LCC) of the improvements	Payback period is 3 to 5 yrs based on LCC of the improvements
Payback period is 7 to 10 yrs based on LCC of the improvements	Payback period is 1 to 3 yrs based on LCC of the improvements
Payback period is 5 to 7 yrs based on LCC of the improvements	50 Payback period is less than 1 yr based on LCC of the improvements
Score	9
CONFORMANCE WITH LOCAL ENVIRONMENTAL REQUI	REMENTS
Environmental Regulations	
Facility/Building is in compliance with all applicable federal, state an tanks system, air emissions such as boilers and emergency generat Sanitary Discharge permits)	d local environmental regulations (e.g., compliance with fuel storage tors, illicit discharges to storm and/or sanitary sewer, NPDES and
Facility/building management has NOT established procedures for an environmental compliance program through the facility/organization's EMS as required by Executive Order 13423	Facility/building management met criteria in Column B ANI has conducted evaluations of compliance with applicable legal and other requirements. The facility/organization has not completed the evaluations for all of the facility/ organization, or has not initiated corrective actions.
Facility/building management has established an environmental compliance program through the facility/ organization's EMS that includes (a) procedures to identify and account for applicable	Facility/building management criteria in Column B and C AND has completed evaluations of compliance with applicable legal and other requirements for the entire
legal and other requirements, (b) protocols to periodically evaluate compliance with	facility/building, Corrective actions have been initiated or have been scheduled (as appropriate considering technica and budgetary constraints).
those applicable legal, and (c) a system for implementing corrective action	50 Facility/Building is in full compliance with all applicable federal, state and local environmental regulations
Score	9
Environmental Management System (EMS)	
Executive Order (EO) 13148 required all Federal Agencies to determ	nine 'appropriate' facilities for implementing EMS.
EO 13423 requires that EMSs serve as the primary mechanism for a	achieving compliance with all aspects of the order.
Facility/building management has not established requirements/procedures to address applicable sustainable practices as required by Executive Order 13423 through the facility/organization's EMS. Facility/building management has established requirements/procedures to address applicable sustainable practices as required by Executive Order 13423 through the facility/organization's EMS, including procedures for setting objectives	Facility/building management has met all the criteria in Column B, AND has incorporated at least one of the applicable sustainable practices through the EMS, AND the facility/organization has established an implementation schedule to complete incorporation of the remainder of the applicable sustainable practices through the EMS.
and target as appropriate, monitoring, training, and management review, but has not implemented the requirements/procedures	50 Facility/building management has met all the criteria in Column B and C AND Facility/organization has verified conformance and performance through monitoring and management review <i>OR</i> Facility/Building in not included in the HHS 'appropriate facility list and is not required to have an EMS
Score	9

¹ www1.eere.energy.gov/femp/water_fedrequire.html

² 1992 Energy Policy Act fixture performance requirements: showerheads: 2.5 gallons per minute at 80 psi; urinals: 1 gallon per flush; faucets: 2.2 gallons per minute at 60 psi; toilets: 1.6 gallons per flush

	Building Conditio	n Scoring Criteria
Building Attribute	Achieved Score	Maximum Scor
A. Energy Performance		
Energy Efficiency		80
Measurement & Verification		40
B. Protect & Conserve Water		
Indoor Water		40
Outdoor Water		40
Process Water		20
C. Enhance Indoor Environmental Quality	1	
Thermal Comfort		20
Ventilation		20
Moisture Control		20
Daylighting or Lighting Controls		20
Low Emitting Materials		20
D. Environmental Impact of Materials	1	L
Recycled Content		30
BioBased Content		20
Construction Waste		20
Ozone Depleting Compounds		30
GUIDING PRINCIPLES SCORE		420
NON-GUDING PRINCIPLES		
NON-GODING PRINCIPLES	Building Conditio	n Sooring Critori
Building Attribute	Achieved Score	Maximum Score
Economics	Achieved Score	
Cost		50
		50
Payback		50
Conformance with local Environmental Requirements		50
Environmental Regulations		50
Environmental Management Systems (EMS)		50
Environmental Management Systems (EMS)		
Bonus Categories		20
Bonus Categories Renewable Energy		30
Bonus Categories		30 20 250