

SUMMARY OF GREEN SANCTUARY CERTIFICATION DOCUMENT (05/23/11)

<i>Project</i>	<i>Brief Description</i>	<i>Outcome</i>	<i>Lead(s)</i>
<i>Worship and Celebration Projects</i> (At least 2 required)			
1. Special Earth Day Services & Commemorations	<ul style="list-style-type: none"> Special Earth Day Services April is Earth Month at UUCF Earth Day special displays & activities affirming 7th Principle, including special displays by Ed Rau 	We have been quite successful in reaching every part of our congregation to encourage participation and elicit comments and recommendations, resulting in green practices becoming a way of life at UUCF	Reverend Robert Hughes, Marney Bruce, and Ed Rau
2. Earth Centered Worship	<ul style="list-style-type: none"> Outdoor labyrinth & amphitheater CUUPs chapter formed. 	Greater appreciation of our ties to nature.	Reverend Robert Hughes (minister), Mary Fletcher (Worship Associate), and Cosette Blackmer (CUUPs)
<i>Religious Education Projects</i> (2 required, 1 for children and 1 for adults)			
1. Circle of Life Cooperative Preschool (CLC)	<ul style="list-style-type: none"> Philosophy: What's good for the environment is also good for our children Very green learning environment. Child-centered and parent-involved preschool program Curriculum derived from the natural world, Introduces pre- and early-reading and math skills 	<ul style="list-style-type: none"> Quality, ongoing, developmental and educational programming for three to four olds in a weekday program Teaches children the value of stewardship of the Earth Network of support for parents of the children at CLC Keeps costs down for families by having them fulfill duties normally fulfilled by paid staff 	Susan L. Singley (UUCF member and CLC teacher)
2. Adult Spiritual Enrichment Programs	<ul style="list-style-type: none"> Classes Workshops Displays & exhibits Community project participation 	<ul style="list-style-type: none"> Increased awareness of the significance and complexity of environmental issues Increased visibility in community Direct engagement in community action on environmental issues 	Nancy Hutchins (ASE), Linda Hallinan (Chair SEJC), Rev. Robert Hughes
3. Children's Religious Education Programs	<ul style="list-style-type: none"> Summer programs for past 3 years have been earth-centered. 2009: Native American Stories and Earth Stewardship 2010: UUA's Tapestry of Faith: Gather the Spirit, a multigenerational workshop series on water stewardship 2011: will use <i>The Kids' Book of Awesome Stuff</i> to explore their connection to the interdependent web 	Children gain understanding of earth stewardship and the interdependent web of life.	Lora Powell (DRE)

BLUE – completed activity

GREEN – institutionalized process or on-going activity

RED – planned for the future

Project	Brief Description	Outcome	Lead(s)
Environmental Justice Projects (2 required, 1 long-term that actively promotes justice for those affected by environmental injustices and creates relationships)			
1. Elmer Derr Road Environmental Clean Up Project	<ul style="list-style-type: none"> • Conduct four trash and recyclables pick-ups per year • Collaboration with the Alice Ferguson Foundation as part of the Potomac Watershed Cleanup, County Adopt-A-Road project 	<ul style="list-style-type: none"> • We have been recognized by the Chesapeake Bay Foundation • We hope our actions serve as a model for care of the environment for our neighbors 	David Hutchins
2. UUCF Fair Trade Project	<ul style="list-style-type: none"> • Showcase for ethical trading • Regular Sunday sales of coffee, tea, chocolate, and other Fair Trade, organic, and eco-friendly merchandise • Educational displays with new products • Fairly traded apparel showcased in annual Fair Trade Fashion Show • Partner with local, national, and international vendors • Website including educational material and sale of fairly traded merchandise • Fair Trade coffee, tea, cocoa & sugar in kitchen. 	<ul style="list-style-type: none"> • Educates our congregation and the community about fair and ethical supply chains • Actively supports Fair Trade by purchasing and reselling Fair Trade products • Supplies all the Fair Trade coffee, tea, and cocoa for our kitchen • A self-supporting program • Provides about \$2,000 in fundraising to UUCF 	Sandi Smith-Gill (Boutique and web-site) Jane Ladner (Coffee-Etc Sales) and Debbie Couture (Fashion Show)
3. Dig This Well! Bringing a Fresh Water Well to Olitorotua, Kenya	<ul style="list-style-type: none"> • Hydrogeologic Survey completed and bore holes have been dug • Raise funding for digging centrally located well and latrines in Olitorotua community • Partnership with Rotary International • Community elders will provide unskilled but needed volunteer labor and then maintenance labor and costs upon completion of the well • Project completed by end of 2012 	<ul style="list-style-type: none"> • Directly facilitates the right to water for villages in a water-restricted part of the world • Supports Social Justice by ensuring that women will have decision role in the operation 	Mary Bowman-Kruhm
4. Watershed Stewardship Program Elements : Environmental Justice and Sustainability	<ul style="list-style-type: none"> • Engages UUCF in active partnerships with the community, county, and state. • Improve best land management practices on and around our church grounds • Right-of-Way plantings on the MD State Route 15 along our property • Create a seed growout station on UUCF property • “Adopting” a public park in the watershed • Hosting a “Community Clean Water Summit” • Participate in community watershed planting projects. 	<ul style="list-style-type: none"> • Recognition by MCWA as a Watershed Steward • UUCF will become a watershed conservation leader in greater UU and Frederick communities • Broaden our connections within our local community through our MCWA • Cultivation of watershed stewardship principles and practices in congregation members of all ages. 	Pam Gromen

BLUE – completed activity

GREEN – institutionalized process or on-going activity

RED – planned for the future

Project	Brief Description	Outcome	Lead(s)
Sustainable Living Projects (4 required, 1 that addresses energy conservation)			
1. Wildlife Habitat & Conservation Landscaping	<ul style="list-style-type: none"> • Landscaping designed to enhance and protect local wildlife, and reduce runoff and erosion. • Designated tracts of land on UUCF property for native plant gardens and wildlife habitats. • Reduce the area in grass and establish more meadows • Members of the congregation participate in periodic work parties to plant and maintain landscaping. • Bluebird trail with twelve bluebird houses maintained by our teenagers. 	<ul style="list-style-type: none"> • Our efforts have been educational not only to those working on the grounds but the congregation at large, including the youth group. • Our landscape is now made up of mostly native plants and is a wildlife habitat. • Reduced erosion and helped many generations of birds and insects raise their young. • Will be certified as a Wildlife Habitat by the National Wildlife Federation • We have impacted not only our congregation but also the Frederick community with our efforts to live more sustainably. 	Stan Schlepp (Chair, Facilities Management Committee) Dick Menzer, and Marney Bruce.
2. Energy Conservation	<ul style="list-style-type: none"> • Completed Energy Audit • Many improvements made, detailed in Table on Page 5. 	<ul style="list-style-type: none"> • Energy savings • Better conservation • Lower carbon footprint of our building and grounds • Saved money for UUCF. 	Stan Schlepp (Chair, Facilities Management Committee)
3. Trash Talk: Composting & Recycling	<ul style="list-style-type: none"> • Waste reduction through use of nondisposables, recycled material • Melt down used candles for reuse • Contracting for recycling of mixed recyclables • CLC collects electronics for upcycling • Composting of kitchen waste, and CLC snack leftovers 	We have been quite successful in reaching every part of our congregation, resulting in green practices becoming a way of life at UUCF.	Stan Schlepp (Chair, Facilities Management Committee).
4. Harvest Table	<ul style="list-style-type: none"> • Sharing of home grown produce, seedlings, and plants for a free will donation • Unsold produce donated to a local rescue mission • Seed Bank. 	<ul style="list-style-type: none"> • Fresh, locally grown, pesticide-free produce • Increased congregational interest in organic gardening • A steady fundraiser for UUCF • Outreach assistance to the community. 	Edward & MarvelleRau
5. Green Sanctuary Kitchen Policy	Many green practices are currently routinely followed in the UUCF kitchen, but they have not been adopted as official policies. Develop these into a set of policies which the BOT can review and revise, for incorporation into UUCF's policy manual.	Green practices in the kitchen will be uniformly observed as UUCF policy.	Marney Bruce

BLUE – completed activity

GREEN – institutionalized process or on-going activity

RED – planned for the future

Project	Brief Description	Outcome	Lead(s)
<u>Additional Projects Relating to more than one Element</u> (At least 2 "Additional Projects" required, relating to the program elements of choice)			
1. Learning from Native American Heritage. Program Elements: <i>Worship & Celebration and Religious Education</i>	<ul style="list-style-type: none"> • Visit to Fox Haven. • Incorporation of Native American readings, songs, drumming, and stories into our services • CUUPs group regularly leads programs honoring the solstice and the equinox. • Units on native American teachings in RE. 	<ul style="list-style-type: none"> • Learning about the inhabitants of our area before we arrived puts our lives in perspective and affects our understanding of our natural area • We learn much from the Earth-centered spiritual practices • New respect for a way of life which was more in-tune with the environment. 	Lora Powell (DRE)
2. Moringa Tree Project – Democratic Republic of the Congo Program Elements: <i>Sustainability and Environmental Justice</i>	Sustainable agriculture project where UUCF partnered with Able & Willing, a local grassroots non-profit, to grow the trees in two villages in the Congo.	Brings sustainable agriculture to a resource-restricted part of the world	Edward Rau and Mbuyu “Puma” WaMbuyu (founder of Able & Willing)
3. Ethical Eating Program Elements: <i>Environmental Justice and Sustainability</i>	<ul style="list-style-type: none"> • The entire month of May 2010 was Ethical Eating month. • Sermon on Ethical Eating. • RE classes studied units including Ethical Eating, Environmental Justice, CSAs. 	Entire congregation, including children, gained understanding of social and environmental justice issues concerning food, sustainable agriculture, and eating	Reverend Robert Hughes and Laura Powell (DRE)

BLUE – completed activity

GREEN – institutionalized process or on-going activity

RED – planned for the future

Detailed Table of Actions for Energy Conservation

<u>Action</u>	<u>Purpose</u>	<u>Description</u>	<u>Result</u>	<u>Timing</u>
1/2 switch plate covers	Electric savings	Made 1/2 room lights less accessible	Lower electric	Ongoing
220v timer on water heater in basement	Save electricity	Installed 24 hr timer on basement water heater	Heats 1 hr/day	Ongoing
Compost bins	Compost	Two 5'x8' bins in back yard; each bin rotated periodically w/4' tractor bucket	Kitchen waste	Ongoing
Replace bulbs with efficient ones	Save electricity	Replaced 300 lamps in 60 fixtures w/energy efficient bulbs	\$ Saved	Ongoing
Insulated outside wall of child's bathroom and ceiling in classroom	Energy savings, warmth in classroom and prevention of pipes freezing	Fill holes in insulation	\$ Saved and pipes not frozen	Ongoing
Water Barrels	Save water/water plants	7 water barrels under downspouts	Water savings	Ongoing
Fill in washout/level/seed	Stop erosion	Filled in gully w/stones/soil	Easy to mow	Permanent
Electric Power Group Contract	Cheaper power	Bulk buying	\$\$\$ Savings	3 yr cycles (just started new one)
Reprogram Thermostats	Save energy	Timing to lower usage	Energy & \$\$\$ Savings	Ongoing
Sun Block Mini Blinds & Roman Shades	Allow heat in winter and block sun in summer	Six 72" Levelor blinds installed in Rm 125 and roman shades throughout the building	Made rooms more usable and save \$\$\$	Permanent
Energy Cost Reduction Plan & Audit Follow-up	Our focus is to identify HVAC controller improvements and to make equipment operation more efficient.	This is where the majority of our gas and electric energy is consumed.	Energy & \$\$\$ Savings	Ongoing
Formation of New Facilities Coordinating Committee for future comprehensive planning	FMC will work with groups, committees & the BOT to deal with future planning.	Started the audit follow-up process Feb 13, 2011.		Ongoing. Dependant upon funding and human resources.
Trash & Recyclables		Found new and more inexpensive trash service which also takes mixed recyclables.		
Building Cleaning	Use of green products			