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<th>Project</th>
<th>Brief Description</th>
<th>Outcome</th>
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<tr>
<td><strong>Worship and Celebration Projects</strong> (At least 2 required)</td>
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</table>
| 1. Special Earth Day Services & Commemorations | • 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 | • 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) |
| **Religious Education Projects** (2 required, 1 for children and 1 for adults) | | | |
| 1. Circle of Life Cooperative Preschool (CLC) | • 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 | • 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 | • Classes  
• Workshops  
• Displays & exhibits  
• Community project participation | • 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 | • 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 *The Kids’ Book of Awesome Stuff* to explore their connection to the interdependent web | Children gain understanding of earth stewardship and the interdependent web of life. | Lora Powell (DRE) |

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RED – planned for the future
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<td><strong>Environmental Justice Projects</strong> (2 required, 1 long-term that actively promotes justice for those affected by environmental injustices and creates relationships)</td>
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</table>
| 1. Elmer Derr Road Environmental Clean Up Project | • 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 | • 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 | • 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. | • 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 Oltorotua, Kenya | • Hydrogeologic Survey completed and bore holes have been dug  
• Raise funding for digging centrally located well and latrines in Oltorotua 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 | • 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 | • 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. | • 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 |

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## Sustainable Living Projects (4 required, 1 that addresses energy conservation)

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- 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. | - 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 to live more sustainably. | Stan Schlepp (Chair, Facilities Management Committee), Dick Menzer, and Marney Bruce. |
| 2. Energy Conservation | - Completed Energy Audit  
- Many improvements made, detailed in Table on Page 5. | - 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 | - 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 | - Sharing of home grown produce, seedlings, and plants for a free will donation  
- Unsold produce donated to a local rescue mission  
- Seed Bank. | - Fresh, locally grown, pesticide-free produce  
- Increased congregational interest in organic gardening  
- A steady fundraiser for UUCF  
- Outreach assistance to the community. | Edward & Marvelle Rau |
| 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 |

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<td><strong>Additional Projects Relating to more than one Element</strong> (At least 2 &quot;Additional Projects&quot; required, relating to the program elements of choice)</td>
<td></td>
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| 1. Learning from Native American Heritage. **Program Elements:** Worship & Celebration and Religious Education | • 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. | • 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:** Sustainability and Environmental Justice | 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:** Environmental Justice and Sustainability | • 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) |

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