



## Bundoran Farm

### Sustainability at Bundoran Farm

Sustainability involves using resources in ways that are beneficial for human beings while maintaining their ability to support biological diversity and continued human use in the future. Biological diversity – defined broadly as the spectacular diversity of life on Earth – is key to the ultimate health and survival of humans and our environment. Preserving that diversity requires protecting and conserving natural resources on which all life depends.

Bundoran Farm’s view of sustainable resource management rests on these fundamental concepts:

- Sustainable resource management strives to ensure that the effects of our actions now maintain or even enhance, rather than diminish, the quality of life in our environment for future generations.
- Sustainable resource management fosters natural resource conservation and continued proper functioning of healthy ecosystems.
- Sustainable resource management promotes production, consumption, and waste management practices that allow us to keep resources available for use indefinitely.
- Sustainable resource management requires short-term and long-term decision-making that aims to protect or enhance watershed, plants, wildlife, human life, and our economic and social systems for the benefit of future generations.

Bundoran Farm supports natural resource management practices that have the greatest positive impact on the ecosystems that sustain life. The Bundoran Farm Natural Resource Management Plan serves as a blueprint for the long-term operations and management of the property in accordance with the best environmental stewardship practices.

Sustainable design, also referred to as “green building”, is the art of designing places, products and services in a way that reduces use of non-renewable resources, minimizes environmental impact, and relates people with the natural environment. This approach is a reaction to global environmental changes wrought by rapid growth of economic activity and human population, depletion of natural resources, damage to ecosystems and loss of biodiversity. Sustainable design is a means of reducing or eliminating these impacts while maintaining quality of life by using careful assessment and clever design to substitute less harmful products and processes for conventional ones.

The ***Bundoran Farm Green Book*** is an environmental stewardship manual for the residential community that focuses on the sustainable design and development of a homesite. Sustainable design can increase the efficiency with which houses and homesites use and harvest energy, water, and materials through better siting, design, construction, operation, maintenance, and waste management – the complete building life cycle.

For more information about sustainable practices are being encouraged and at Bundoran Farm visit [www.bundoranfarm.com](http://www.bundoranfarm.com) or call 434-295-3700.