



GreenWay Environmental Management System	Document No. PB_UD_GW_003A
Environmental Aspects and Impacts Definition	Page: 1 of 2
Prepared By: <i>[Signature]</i> Dan Roberts, Environmental Management Representative	Effective Date: 05.13.11
Approved By: Jason Yarborough, Utilities Department Director <i>[Signature]</i>	Revision: Revision 4
Relevant Regulations/Standards: ISO 14001:2004, 4.3.1	

Purpose

The purpose of Environmental Aspects and Impacts Definition form is to document our interpretation of GreenWay aspects and impacts.

Scope

The Environmental Aspects and Impacts Definition form is applicable to the appropriate GreenWay operations.

Responsibility

Environmental Management Representative

The EMR is responsible for maintaining up-to-date definitions for our aspects and impacts based on the direction of the Core Team.

Division Manager

Division Managers (DMs) will use the definitions to understand how their services, activities and products can interact with and cause changes to the environment as described by GreenWay. With this understanding the DMs will be prepared to determine where controls or improvements may be necessary and possible priorities for management action.

Utilities Department Personnel

Utilities Department Personnel should be made aware of these aspects and impacts during General Awareness Training and use this information to enhance understanding of how their daily duties impact the environment.

Definitions

Significant Aspects

Water Treatment Facilities' Energy Consumption, Reduction and Generation

1. *Consumption* targets gaining control over our understanding of the amount, time of day and type of energy consumed so that we can identify opportunity for improvements.
2. *Reduction* focuses on executing plausible mechanisms for reducing the quantity and cost of energy consumed by our operations.
3. *Generation* considers the type and amount of waste generated so that thoughtful planning for the control of reduction and disposal occurs.

Biosolid Waste Generation, Reduction and Disposal

1. *Generation* considers the type and amount of waste generated so that thoughtful planning for the control of reduction and disposal occurs.
2. *Reduction* looks for opportunities, including process and technology, to decrease our dependence on waste generating behaviors and compliments disposal efforts by minimizing our need to discard.
3. *Disposal* of biosolid waste is concerned with how we handle disposal of biosolids to increase opportunities that limit environmental impacts.



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Health and Safety, Hazardous Material Use and Hazardous Material Disposal

1. *Health and Safety* targets maintaining the wellbeing of employees and the community by being prepared to respond to situations that may represent health and safety concerns.
2. *Hazardous Material Use* focuses on the applicability of product selection, alternative product opportunities and the application of the product as specified by the product manufacturer on a day to day operating basis.
3. *Hazardous Material Disposal* focuses on the proper disposition of hazardous materials.

Significant Impacts

Pollution Prevention results from active management of environmental aspects that may introduce contaminants or pollution into our land, water or air environment. Pollution prevention is a positive impact; therefore, GreenWay will try to increase pollution preventing activities.

Resource Conservation occurs when we control our consumption of resources, we reuse products, purchase recycled materials and we recycle waste by products in an effort to extend the useful life of materials before disposition and to decrease the amount of waste by products we infuse into the environment. The Utilities Department will make efforts to introduce resource conserving operations.

Resource Depletion is the act of exhausting the availability of industrial materials and capabilities supplied by nature. GreenWay will implement programs to decrease our contribution to resource depletion.

Contaminant Exposure is the condition of introducing an undesirable element into the environment that may impact the health and wellbeing of people and the physical surroundings. Our environmental performance should reduce the likelihood of contaminant exposure events.

Legal and Other Requirements

ISO 14001:2004

Revision History		
<u>Section</u>	<u>Revision Date</u>	<u>Description</u>
All Sections	04.14.09	Reviewed
All Sections	04.14.10	Reviewed/Grammatical corrections
Heading	04.14.10	Replaced old GreenWay logo with current logo
Legal and Other Requirements	04.14.10	Added
All Sections	05.13.11	Annual Review