

Water, Wastewater, Stormwater
Draft Goals and Metrics
December 14, 2006

- Implement potable and non-potable water conservation strategies
 - Metric: Reduce potable water demand over time
 - Goal: Reduce potable and non-potable water demand by X in 5 years; by 2X in 10 years.....
 - Techniques: reclaimed water, separate and re-use gray water, re-use storm water, efficient and innovative plumbing fixtures, groundwater
- Consider wastewater as a resource
 - Metric: Reduce demand on public wastewater infrastructure over time
 - Goal: Reduce demand on public wastewater infrastructure by X in 5 years; by 2X in 10 years.....
 - Techniques: reclaimed water, separate and re-use gray water, wastewater skimming, efficient and innovative plumbing fixtures,
 - Metric: Increase the re-use of wastewater that is not classified as hazardous materials over time
 - Goal: Re-use X% of wastewater in 5 years; 2X% in 10 years.....
 - Techniques: treat and dispose of wastewater on-site, collect and re-use biosolids, reclaimed water, separate and re-use gray water, wastewater skimming, efficient and innovative plumbing fixtures
- Consider stormwater as a resource
 - Metric: X% of stormwater from non-flood events shall be collected for re-use
 - Goal: 100%
 - Techniques: rain harvesting, stormwater management
- Limit disturbance of the land
 - Metric: Provide utility corridors and/or trenchless technologies on X% of the campus
 - Goal: 100%
 - Techniques: plan for utility corridors during master planning; evaluate and implement trenchless technologies during design

- Evaluate the need for redundancy and/or back-up systems [*design guideline??*]
 - Metric: X% of water, wastewater and stormwater systems shall be evaluated for the need for redundancy and back-up
 - Goal: 100%
 - Techniques: install “blind” piping systems for connection to public water and wastewater in emergency situations
- Consider solid waste as a resource
 - Metric: X% of solid waste that is not classified as hazardous materials shall be re-used on-site or integrated into a recycling program
 - Goal: 100% of yard waste; 100% of construction waste; 100% of household and building waste;

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