

# Environmental Aspects and Impacts

SOLID WASTE Environmental  
Management  
System

*Committed to Continuous Improvement*



# Environmental Aspects and Impacts

- ⦿ Identifies activities and services (i.e., aspects) that have an impact on the environment
- ⦿ Evaluates causes (aspects) and effects (impacts)
- ⦿ Helps an organization prioritize causes and effects
- ⦿ Highest priorities are “*significant*”
- ⦿ Goals are set around significant aspects and impacts
- ⦿ Intended to improve environmental outcomes

# Focus on 6 Plan Component Areas



Organics Management



Household Hazardous Materials Collection



Water Quality Improvement



Greenhouse Gas Reduction



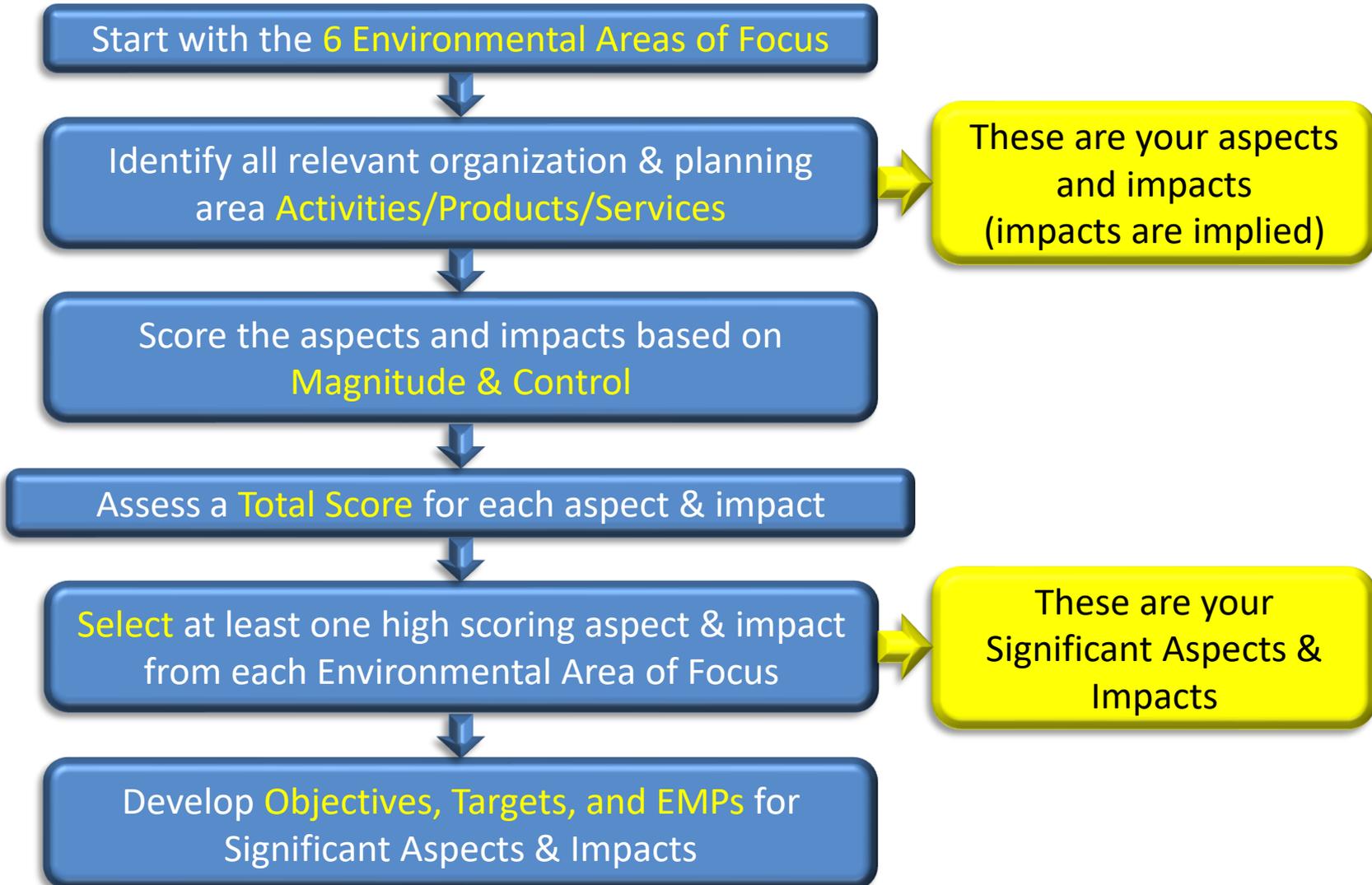
Recycling Services



Environmental Education

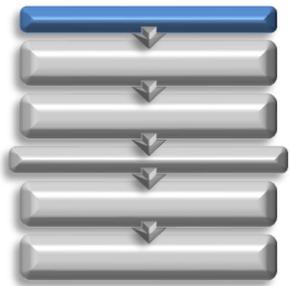


# Overview of Methodology



# Focus on the 6 Plan Component Areas

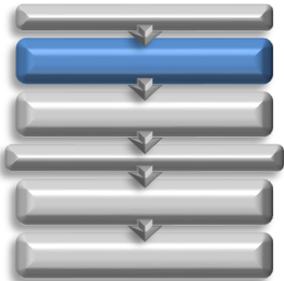
	Environmental Area of Focus
20	
21	Organics Waste Management
22	Household Hazardous Materials Collection
23	Water Quality Improvement
24	Greenhouse Gas Reduction
25	Recycling Services
26	Environmental Education
27	
28	
29	
30	
31	
32	



# Identify all relevant organization & planning area Activities/Products/Services

	Environmental Area of Focus	Relevant Activity/Product/Service (Organization Specific and Planning Area Specific)
20		
21	Organics Waste Management	Proper management of organics at landfill and transfer station
22	Organics Waste Management	<i>[insert relevant organization-specific Activity/Product/Service]</i>
23	Organics Waste Management	<i>[insert relevant organization-specific Activity/Product/Service]</i>
24	Household Hazardous Materials Collection	
25	Water Quality Improvement	
26	Greenhouse Gas Reduction	
27	Recycling Services	
28	Environmental Education	
29		
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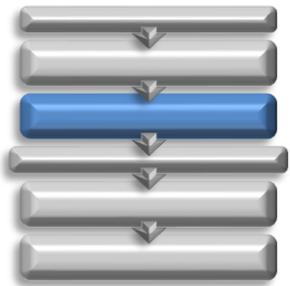
Add as many rows as needed, based on useful level of detail



# Score the aspects and impacts based on Magnitude & Control

	Environmental Area of Focus	Relevant Activity/Product/Service (Organization Specific and Planning Area Specific)	Control (1 - No/Low; 3 - Med.; 5 - High)	Magnitude (1 - No/Low; 3 - Med.; 5 - High)
20				
21	Organics Waste Management	Proper management of organics at landfill and transfer station	5	3
22	Organics Waste Management	Residential generation of organics within planning area	1	1
23	Organics Waste Management	Commercial generation of organics within planning area	1	5
24	Household Hazardous Materials Collection	Residential generation of HHM within planning area	1	3
25	Household Hazardous Materials Collection	Proper management of HHM at landfill and transfer station	5	3
26	Water Quality Improvement			
27	Greenhouse Gas Reduction			
28	Recycling Services			
29	Environmental Education			

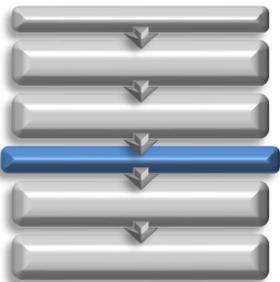
Score each of the rows using the criteria you define



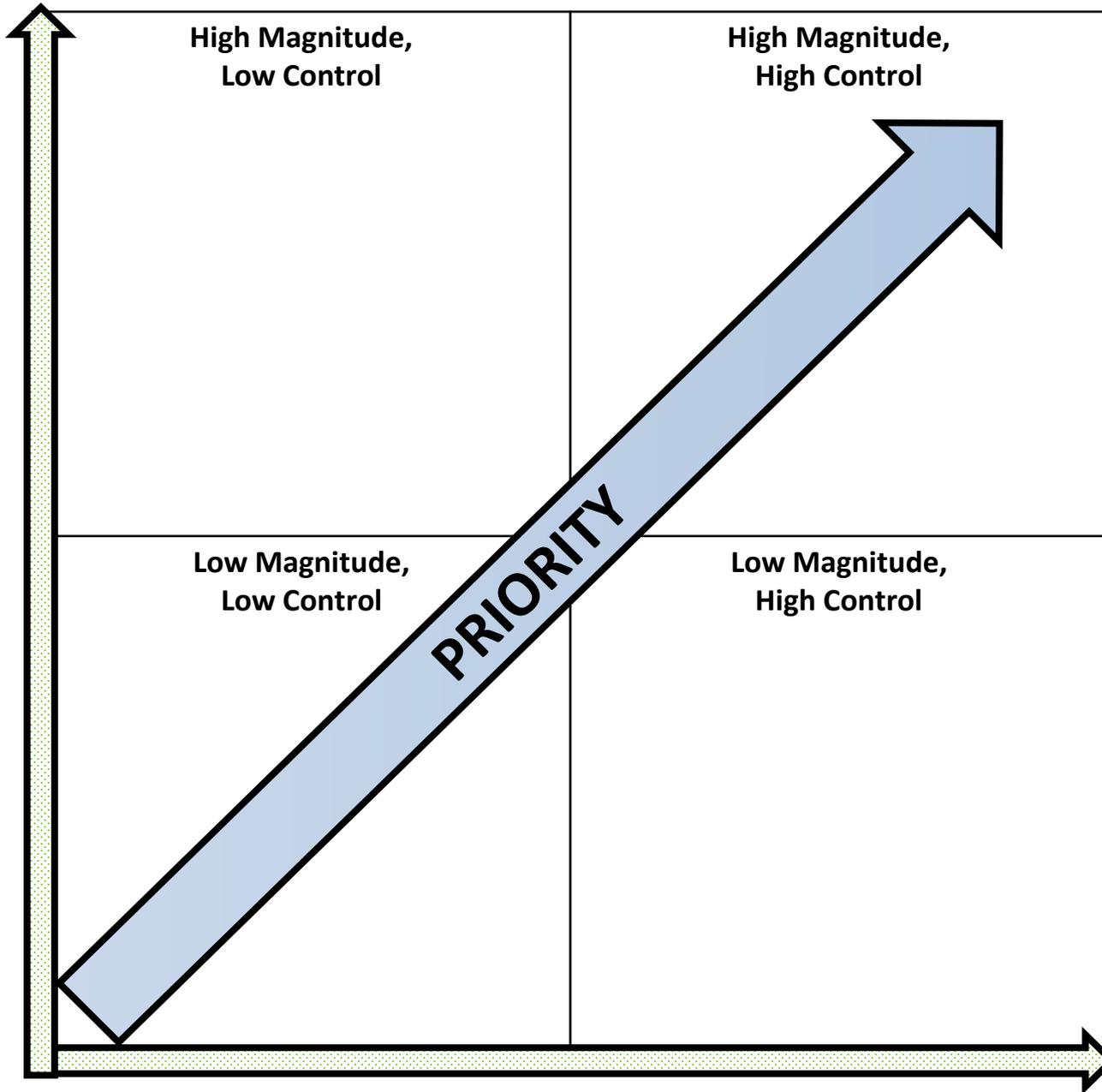
# Assess a **Total Score** for each aspect & impact

	Environmental Area of Focus	Relevant Activity/Product/Service (Organization Specific and Planning Area Specific)	Control (1 - No/Low; 3 - Med.; 5 - High)	Magnitude (1 - No/Low; 3 - Med.; 5 - High)	Total
20					
21	Organics Waste Management	Proper management of organics at landfill and transfer station	5	3	8
22	Organics Waste Management	Residential generation of organics within planning area	1	1	2
23	Organics Waste Management	Commercial generation of organics within planning area	1	5	6
24	Household Hazardous Materials Collection	Residential generation of HHM within planning area	1	3	4
25	Household Hazardous Materials Collection	Proper management of HHM at landfill and transfer station	5	3	8
26	Water Quality Improvement				

Calculation can be addition or multiplication



**Magnitude**



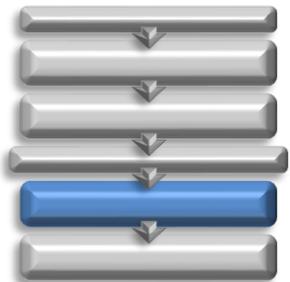
**Control**

# Select at least one high scoring aspect & impact from each Environmental Area of Focus

	Environmental Area of Focus	Relevant Activity/Product/Service (Organization Specific and Planning Area Specific)	Control (1 - No/Low; 3 - Med.; 5 - High)	Magnitude (1 - No/Low; 3 - Med.; 5 - High)	Total	Comments/Notes
20						
21	Organics Waste Management	Proper management of organics at landfill and transfer station	5	3	8	Yard waste ban at transfer station in effect soon
22	Organics Waste Management	Residential generation of organics within planning area	1	1	2	
23	Organics Waste Management	Commercial generation of organics within planning area	1	5	6	Significant organics generated by Corporation X and Company Y
24	Household Hazardous Materials Collection	Residential generation of HHM within planning area	1	3	4	
25	Household Hazardous Materials Collection	Proper management of HHM at landfill and transfer station	5	3	8	
26	Water Quality Improvement					

These are your  
Significant Aspects &  
Impacts

Check that they align  
with your expectations.  
Ask staff for input.



# Develop Objectives, Targets, and EMPs for Significant Aspects & Impacts

	Environmental Area of Focus	Relevant Activity/Product/Service (Organization Specific and Planning Area Specific)	Control (1 - No/Low; 3 - Med.; 5 - High)	Magnitude (1 - No/Low; 3 - Med.; 5 - High)	Total	Comments/Notes	Significant/ O&T (Y/N)
20							
21	Organics Waste Management	Proper management of organics at landfill and transfer station	5	3	8	Yard waste ban at transfer station in effect soon	Y
22	Organics Waste Management	Residential generation of organics within planning area	1	1	2		N
23	Organics Waste Management	Commercial generation of organics within planning area	1	5	6	Significant organics generated by Corporation X and Company Y	N
24	Household Hazardous Materials Collection	Residential generation of HHM within planning area	1	3	4		N
25	Household Hazardous Materials Collection	Proper management of HHM at landfill and transfer station	5	3	8		Y
26	Water Quality Improvement						

