The following draft Project Criteria is to help provide direction for each sub-team. The Reclaimed, Surface Water, Groundwater, and Stormwater sub-teams should use these Project Criteria to identify if a project is regional or local in scope. The Solutions Team could then use the 11 project questions to further assess each project. All sub-teams should assess these Project Criteria for your respective sub-team and use the next page to provide advantages, disadvantages and other recommendations for each bullet.

Reclaimed Water Project Criteria	Other (Stormwater) Project Criteria
 >1 MGD project capacity Highest efficiency of utilization/offset (70 % Goal) Mitigation/Hydrologic restoration Cost / Benefit Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale Feasible and permittable 	 >1 MGD project capacity Reliable (Goal 100% WS, 50% Recharge) Cost / Benefit Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale Feasible and permittable
Groundwater Project Criteria	Surface Water Project Criteria
 >5 MGD project capacity Cost / Benefit Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale and efficiencies Supported by a regional entity Feasible and permittable 	 >10 MGD project capacity Reliable (Goal 100% WS, 50% Recharge) Resource benefits Cost / Benefit Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale Supported by a regional entity Feasible and permittable
Conservation Project Criteria	Recovery and Prevention Criteria
 Separate projects into Agriculture and Non Agriculture categories Identify top ten water conservation projects and programs (Ag and Non Ag) by quantifying the potential water savings and costs Develop incentive/audit program for large commercial/industrial customers 	 Identify most impacted regional areas and regions with potential for future impacts Determine if existing programs will be sufficient or if additional strategies will be needed for prevention and/or recovery Evaluate all available data in the Upper Floridan aquifer Develop a sustainable aquifer level target

range to correlate with impacted areas	

RECLAIMED WATER

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Reclaimed Water Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. >1 MGD project capacity	 Will reduce the list of options to a more manageable number Using the list of projects in the RWSP, this allows for multiple projects in each district (for example increasing to 2 mgd would essentially eliminate projects in SWFWMD) 	1. May be too restrictive 2. Uncertainty whether this is ADF versus Max Day, etc. and whether it can be used for a group of projects (i.e., a utility or region may have multiple projects proposed that are less than 1 mgd, but combined they could exceed 1 mgd and have more significant benefit)	1. Clarify that the 1 mgd criterion can apply to groupings of smaller projects (i.e., several projects in the RWSP list may be less than 1 mgd but could be grouped into a single project that is greater than 1 mgd)
2. Highest efficiency of utilization/offset (70% goal)	1. Will reduce the number of projects to a more manageable list Output Description:	1. This seems to be more of an evaluation criterion than a criterion for screening alternatives. Significant work will need to go into determining efficiency 2. Definition of efficiency is uncertain. A project may be "inefficient" in terms of offset of potable use but could also be providing recharge	1. It has been suggested that a baseline condition/option be developed that would consider all local utilities continuing existing level o reuse into the future. This has not currently been considered by the groundwater modeling group. This will allow for a comparison of the benefit of current programs to a multi-jurisdictional regional project.

2 Mitigation/Hydrologic	1 Will significantly reduce the	1 Implies that only projects that	1 It has been suggested that
3. Mitigation/Hydrologic restoration	Will significantly reduce the number of projects to a more manageable list	 Implies that only projects that correct a past problem through mitigation or restoration will be evaluated. Consideration should be given to projects that increase the availability of water and help prevent or reduce future drawdowns These seem to be more of an evaluation criterion than a criterion for screening alternatives 	1. It has been suggested that the groundwater modeling group evaluate the benefit of increased recharge in the areas of greatest impact/drawdown. They could consider varying quantities of recharge (additional sensitivity analyses). Options can be developed to deliver reclaimed water, surface water and/or stormwater to these areas
4. Cost/Benefit	1. None mentioned	1. This should not be used for screening alternatives. The costs and benefits will be developed through the analysis of options and should not be used as a screening criteria	Clarify whether all the criteria must be met to consider an option
5. Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale	 Will significantly reduce the number of projects considered. Only a handful in the RWSP are multijurisdictional Allows for larger projects that could have more significant impact than utilities working on small projects individually 	 There could be large projects proposed by a single utility that have significant regional benefit that could be excluded from inclusion by this criteria Finding cooperators may be a challenge. Utilities are concerned about receiving proper credit or incentive for participating in a 	1. None mentioned

	3. Can allow the focus to be on	regional multi-jurisdictional	
	delivering reclaimed water to	project – lose control over a local	
	areas of greatest impact	water resource	
	4. Pools resources for funding		
6. Feasible and	1. Allows for consideration of	1. May exclude cutting edge	1. None mentioned
permittable	only	projects that are not currently	
	those projects that are	permittable or that require	
	currently implementable	technological advances to be	
		feasible. An example was given	
		of direct potable reuse – this use	
		of reclaimed water may not be	
		allowed under the existing	
		regulatory framework but could	
		be permittable in the not too	
		distant future	

GROUNDWATER

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Groundwater Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. 5 mgd of project capacity	Helps to prioritize work load Prioritizes significant projects for potential funding	 Eliminates several small projects that collectively are important Downplays importance of smaller projects Criteria is arbitrary Criterion interpreted as "absolute" Does not match project with problem Eliminates "bundling" projects 	 Allow like projects to be bundled at discretion of sub-teams Clarify if sub-teams should/could provide additional information on projects < 5mgd after larger projects are complete
2. Cost/Benefit	Information used to determine if project is practical and potentially implementable	 Focus is on volume produced versus freeboard (resource) benefits accomplished May exclude more expensive projects that are required in regions with few or no other options for water supply. Does not match up the solutions with the problems Projected costs for each type of project need to be standardized to allow realistic comparison among projects 	1. None mentioned

3. Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale and efficiencies	 Helps to identify significant projects Helps to prioritize projects for potential funding 	 Downplays needs of smaller entities Downplays the importance of "large" single entity projects that may have significant resource benefits Agreement between members of a multi-jurisdictional project may present difficulties 	 Multi-jurisdictional does not necessarily equate to significant Smaller entities may be represented in a multi- jurisdictional agreement
4. Supported by a regional entity	 More efficient coordination with a single entity on project implementation and funding Allows one entity to develop larger scale projects for multiple utilities/entities 	Regional entity needs to be defined	1. Consider referring to "regional entity" as a "regional partnership"
5. Feasible and permittable	Helps determine potential for project to be implemented	Need to identify objective criteria for determining likelihood of being permittable	1. None mentioned

CONSERVATION

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Conservation Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. Separate projects into Agriculture and Non Agriculture categories	Water conservation projects and programs will vary depending on the water use sector.	Public Water Supply followed by Agriculture are the biggest users but not the only users. Water conservation projects and	Separate water conservation projects and programs into three categories instead of just
	2. Water supply sources, motivations, and incentives will differ between agricultural and non agricultural water use	programs should be identified for all water use sectors	Agriculture and non Agriculture. 2. Categories be Agriculture, Public Water Supply and Other (Self-supplied
	sectors. 3. Sources and opportunities for funding will differ between agricultural and non agricultural sectors.		domestic, irrigation, commercial & institutional and industrial/power supply)
	 4. Agricultural and non agricultural water use sectors have different stakeholders and interests. 5. Allows for separate prioritization by water use sector. 		
2. Identify top ten water conservation projects and	Identifying potential savings and costs allows for	Selecting only the top ten projects and programs may limit	Identify conservation measures along with
programs (Ag and Non Ag) by quantifying the	prioritization and optimization of water	the opportunity for water conservation. There are a lot	projected water savings and costs in \$/Kgal for

potential water savings		conservation projects and		more than ten measures for each		different use sectors (see
and costs		programs.		category.		above) for as many BMPs
	2.	Measures could be sorted by	2.	Team was instructed not to make		as possible including even
		either savings or		decisions in regards to identifying		those which cannot be
		implementation costs for		or recommending specific		easily quantified
		solutions team.		solutions so identifying the top		, ,
				ten projects and programs may		
				be an issue. (Sunshine Issue)		
			3.	•		
				savings for some projects and		
				programs may not be feasible.		
				Additionally, cost and savings		
				estimates are heavily dependent		
				upon participation rates (passive,		
				incentivized or mandatory)		
			4.	Top ten lists may vary from utility		
				to utility; most likely the order of		
				the top ten will vary. Similar		
				variations may occur for other		
				sectors based on other		
				characteristics of each sub-sector		
				user groups (Ag – row crops		
				versus orchards versus nurseries).		
3. Develop incentive/audit	1.	SFWMD already has a	1.	Developing incentives should be a	1.	Remove this as stand-
program for large		comprehensive self-audit		solution team task not a technical		alone criteria since it will
commercial/industrial		program developed for		team task		be identified in the
customers		commercial and industrial	2.	Large commercial/industrial		projects and programs for
		water use sector		customers may be a very small		public water supply CII
	2.	Total use volume is typically		percentage of water use in region		customers and CII self-
		high in proportion to the	3.	If a commercial property is		supply

number of users. High return (water savings) for level of outreach to this group	provided water by a public water supply utility the utility should be the target of the incentive program 4. Commercial should be grouped with institutional not industrial 5. Utilities may not have control over commercial practices in their	Remove this bullet as subteam objective (particularly developing a program including funding)
	service area	

OTHER (Stormwater)

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Stormwater Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. 1 mgd of project capacity	None mentioned	None mentioned	1. None mentioned
2. Reliable (Goal 100% WS, 50% Recharge)	1. None mentioned	 Criteria can only be met by coupling stormwater supplies with well or reclaimed water sources. Stormwater supply systems with the necessary storage facilities will likely be 50%+/- reliable as a stand-alone project. For the 20 year planning period, stormwater would provide for non-potable associated water 	1. None mentioned

		supplies due to the high cost of treatment to meet potable standards, and the potential for highly variable water quality on a seasonal basis.	
3. Cost/Benefit	1. None mentioned	1. No issues raised	None mentioned
4. Multi-jurisdictional project that encourages regional interconnects and maximizes economies of scale	1. None mentioned	Partner requirements could pose some difficulty for stormwater supplies, as we expect most projects will be much smaller scale and geographically limited.	1. None mentioned
5. Feasible and permittable	1. None mentioned	1. None mentioned	1. None mentioned

SURFACE WATER

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Surface Water Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. >10 MGD project capacity	Focuses on large regional projects (5 of the 15 projects) and can easily be applied using existing CFWI RWSP data.	Time savings may be minor. Excludes 2/3 of the projects which may have good potential	Options: a: >5 MGD project capacity b: Do not use MGD criteria
	Options: a: Focuses on large projects (9 of the 15 projects) some of	Options: a: excludes projects which may have good potential	

	which are in areas that may address suceptable areas. b: Allows evaluation of all 15 projects which allows for greater potential of addressing problem areas.	b: Increased effort to complete evaluation	
2. Reliable (Goal 100% WS, 50% Recharge)	1. Projects with high reliability are preferred and indicate greater potential for project to function as needed Option: a: Projects with high reliability are preferred - provides project attribute information on project's ability to be successful.	 Achieving goal of 100% is unlikely. Reliability does not indicate whether a project address a regional problem. Criterion may not help focus effort. 	Option: a: Estimated reliability (High, med, low) - this will be applied using existing data if available or best profession judgment
3. Resource Benefit	Projects that benefit groundwater resources and natural systems are preferred	Prior to modeling this a best professional judgment - yes or no answer	Options a: Potential benefit to groundwater resource and/or natural system in areas identified as highly susceptible or impacted in 2035 - this will be applied using existing data if available or best profession judgment b: Ability of project to address the local/regional need

4. Cost/Benefit	1. Provides an indication of	1. Data in CFWI RWSP not available	Options:
	project viability.	for all projects.	a: Do not use Cost / Benefit as
			guidance criteria - Include in
			evaluation phase.
5. Multi-jurisdictional	1. Multi-jurisdictional projects	1. Assumes that cooperative efforts -	
project that encourages	allow for resources to pooled	agreements on funding,	
regional interconnects and	and increase potential	ownership and operations can be	
maximizes economies of	funding sources.	implemented	
scale	2. Can easily be applied using		
	existing CFWI RWSP data.		
6. Supported by a regional	1. Can easily be applied	1. none	
entity	using existing CFWI RWSP		
	data.		
7. Feasible and	1. Projects must be feasible and	1. Prior to further evaluation this a	
permittable	permittable to be viable.	best professional judgment - yes	
		or no answer	

RECOVERY AND PREVENTION

The following is a team analysis of the advantages and disadvantages of the draft Project Guidance/Screening Criteria outlined for the Recovery and Prevention Sub-team and a list of additional options or recommendations to be included as part of the Criteria:

Evaluation Criteria	Pros	Cons	Other Recommendations
1. Identify most impacted regional areas and regions with potential for future impacts	Completed by EMT, GAT and HAT and documented in RWSP – provides guidance for the team and interested parties	Potential to not include smaller, less regionally impacted areas with ecological value	1. None mentioned
2. Determine if existing programs will be sufficient or if additional strategies will be needed for prevention and/or recovery	If existing programs are determined to be adequate, programs would provide a valuable measuring stick to evaluate existing and proposed projects	1. This may be difficult to accomplish within the scope and schedule of the Solution Phase of the planning proves – may want to consider options or identify programs rather than making a determination	1. Consider option of developing an inventory of existing programs intended for prevention/recovery (as described in Task 3 of existing draft SOW for Recovery and Prevention Sub-Team)
3. Evaluate all available data in the Upper Floridan aquifer	If MFL, EMT, HAT, GW Team can provide input, Recovery and Prevention Team can provide information on the potential impact of projects	Not clear what kind of data is implied – statement is very broad. Recovery and Prevention Team does not have the appropriate expertise to accomplish this task	 Part of this is more appropriate for DMIT, HAT, GW and EMT Teams – may need to be a joint effort
4. Develop a sustainable aquifer level target range to correlate with impacted areas	Would provide a valuable tool to evaluate projects and provide a target for sustainable resources	Difficult to accomplish within the schedule and scope of the Solutions process - will require expertise from other teams, subteams and stakeholders	1. Focus on groupings of wells (networks) rather than individual wells - consider laying out options for a process to achieve in the long term