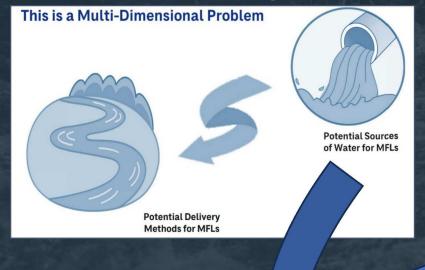
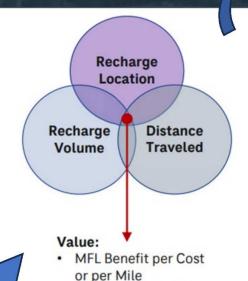
## North Florida Regional Recharge Project - Conceptualization



- Cooperative funding agreement with SJRWMD, SRWMD, FDEP and four NE Florida utilities
- Evaluate potential project options for the North Florida Partnership area





· Partnership/funding

Other factors

Comparative process to select project that results in aquifer recharge and flow restoration in Outstanding Florida Springs

		100		100				-		-					_		All Property	-			The state of the s
									PRINCIPAL QUANTITATIVE FACTORS							QUALITATIVE FACTORS			R QUANTITATIVE FAC		
	ID#	Source	DE	FINITIONS OF ALTE	Volume (MGD)	Recharge Efficiency	Recharge Method	MFI. Benefit Icherucknee (CFS):	MFL Benefit Sante Fe: (CFS)	Capital Cost High (SNI)	usen Develope Usen Cost High (SM/yr)	Capital Cost Low (SM)		unit Cap Cost High (\$M/cfs)	ANCILLARY BENEFITS	IMPLEMENTATION EASE	PROJECT DEVELOPMENT TIME	OPERATIONAL COMPLEXITY	SOURCE WATER RELIABILITY	POTENTIAL FOR REGIONAL BENEFITS (CFS)	OTHER CONSIDERATIONS
	1			Rest Full MFI. Target Balance	25	100%	Injection			506.2	12.5	506-2	12.5	22.2	<b>*</b> 58 64	Permitting (H) Public/political (M) Land acquisition (M) Conveyance (H)	20+ Years	+Governance (H) +Monitoring (H) +Training (M)	100%	1.5	
	2	Buckman WR	Full	Initially Silviculture 3 - Move to Kirby Pit based on Hydrogeologic Analysis	25	90%	Weiland			425.5	9.0	318.3	2.2	21.3	*S8 64  *Recreation  *Ecosystem restoration  *Water quality improvement	*Permitting (M) *Pathic/political (L) *Land acquisition (H) *Conveyance (H)	20+ Years	•Governance (H) •Monitoring (H) •Training (I)	100%	0.9	
2	3	Buckman Southwer (NEW TREAT) OPTION	ENT	Best Full MFL Target Balarice (OR Kirby Pit if Wetland/Rib)	40	90%	Westland Treatment • RIB			857.0	15.9	706.8	6.6	23.4	•58 64 •Pecreeton •Foosystem restoration •Water quality improvement	Permitting (I)     Public/political (I)     Land acquisition (M)     Conveyance (H)	20- Years	Governance (H)     Monitoring (H)     Training (L)	199%	1.6	Treatment wetland in Duvel County, 1500 Acres on Peterson Tract accessible to IRA. Future Residisity with wating water. Could use Rib or injection in nechange zonce, as well as multiple rechange sites (not currently coated). High cost is RIB rechange with UF/RID + ACC treatment; less cost is injection with only we'dand treatment.
	4	GRU WWTF Tran	fa	Initially Santa Fe High Influence - Move to Kirby Pit	3	90%	Wetland			88.1	2.5	80.3	0.3	33.5	SB 54  Fecroation  Ecosystem restoration  Water quality improvement	Permitting (L)     Public/political (L)     Land acquisition [M]     Conveyance (L)	10-20 Years	*Governance (t.) *Monitoring (M) *Training (L)	100%.	0.11	Moved one of these alternatives to Kirby PR, the ether to Best incremental Balance Site.
	5			Initially Silviculture 3 - Move to Best Incremental Target Balance	3	80%	Wetland			72.6	2.5	43.1	0.3	31.1	Sil 64  Pecreation  Ecosystem restoration  Water quality improvement	Permitting (I)     Public/political (I)     Land acquisition (M)     Conveyance (L)	10-20 Years	•Governance (t.) •Monitoring (M) •Training (t.)	100%	0.10	
	10	Suwanee	ranee lell	Lake City Parcel 1	40	100%	Injection			784.1	23.9	633.9	14.6	23.2	None	*Permitting (H) *Public/political (H) *Land acquisition (M) *Conveyance (L)	10-20 Years	*Governance [M] *Monitoring (H) *Insering (H)	Able to withdraw 84% of time while leaving flow with 85% exceedence frequency instrument.	5.6	request from SKWMD to evaluate \$ 10% flewbeing available for flows above the median. How much time is the excess water available given these criteria.
	13		ranee inford	Sitviculture 1	40	100%	Injection			718.0	23.9	567.8	14.6	21.8	None	Permitting (H) Public/political (H) Land acquisition (M) Conseyance (L)	10 20 Years	+Sovernance (M) +Monitoring (H) +Training (H)	Able to withdraw 84% of time shile leaving flow with 85% exceedence frequency instream (2230 cfs)	2.5	request from SRMMD to evaluate 8-10% flewbeing available for flows above the median. How much time is the excess water available given these criteria.
	19	NF Black Cr	rek	Santa Fe High Influence	5.2	100%	Injection			273.0	7.3	228.5	4.4	34.8	None	Permitting (M) Public/political (M) I and acquisition (L) Consequence (L)	10-20 Years	Covernance (M)     Monitoring (H)     Training (H)	Able to withdraw 78% of time while leaving flow with 85% exceedence frequency instream	62	