

Summary of ECP Basin Alternatives

Basin/STA	Alt.	Source Controls	CERP Project	Regional Treatment	Completion	
STA-1E	Baseline	25%	N/A	STA-1E	2006	Baseline conditions
	1	0-25%	2010-2020	STA-1E	2020	Synchronize with C-51 and L-8 CERP projects
	2	0-25%	2010-2020	Optimize STA-1E by 2006	2006	Biological treatment (emergent and SAV)
STA-1W	Baseline	-50%	N/A	STA-1W	2006	Baseline conditions
	1	25-75%	2010-2020	STA-1W	2020	Synchronize with C-51 and L-8 CERP projects
	2	25-75%	2010-2020	Optimize STA-1W by 2006	2006	Biological treatment (emergent and SAV)
Combined STA-1E & STA-1W	3	0-25%	2010-2020	Expand STA-1E and STA-1W by 2006	2006	If needed to lower TP to lowest sustainable TP concentration for biological treatment system (emergent and SAV)
	4	0-25%	2010-2020	Expand STA-1E and STA-1W to treat Acme Basin B by 2006	2006	Biological treatment (emergent and SAV)
	5	0-25%	2010-2020	Divert/Treat Acme Basin B in Rock Pits by 2010-2020	2020	Biological treatment (emergent and SAV)
STA-2	Baseline	-50%	N/A	STA-2	2006	Baseline conditions
	1	25-75%	2009	STA-2	2009	Synchronize with EAA Reservoir
	2	25-75%	2009	Optimize STA-2 by 2006	2006	Will calculate additional area to achieve lowest sustainable TP concentration for biological treatment system
	3	25-75%	2009	Chemical treatment facility within footprint of STA-2 by 2006	2006	Incremental improvement to Alternative 2. On-site dewatering and offsite disposal of residuals
STA-3/4	Baseline	-50%	N/A	STA-3/4	2006	Baseline conditions
	1	25-75%	2009	STA-3/4	2009	Synchronize with EAA Reservoir
	2	25-75%	2009	Optimize STA-3/4 by 2006	2006	Biological treatment (emergent and SAV)
	3	25-75%	2009	Expand STA-3/4 by 2006	2006	If needed to lower TP to lowest sustainable TP concentration for biological treatment system (emergent and SAV)
	4	25-75%	2009	Expand STA-3/4 by 2006	2006	If needed to lower TP to lowest sustainable TP concentration for biological treatment system (emergent and SAV and PSTA)
STA-5 and STA-6	Baseline	25% for EAA; 0% for C-139	N/A	STA-5 and STA-6, Sections 1 and 2	2006	Baseline conditions
	1	0-25% for C-139 Basin	2009	STA-5 and STA-6, Sections 1 and 2	2009	Synchronize with Western EAA Reservoir (Lake releases and excess Miami Canal runoff); C-139 Annex discharge to STA-6
	2	0-25% for C-139 Basin	2009	Optimize treatment in STA-5 and STA-6 by 2006	2006	Biological treatment (emergent and SAV)
	3	0-25% for C-139 Basin	2009	Expand STA-5 to the west and size STA-6 Section 2 as needed	2006	Biological treatment (emergent and SAV)
	4	0-25% for C-139 Basin	2009	STA-5 and STA-6, Sections 1 and 2	2009	Same as Alt. 1 with C-139 and C-139 Annex runoff to Western EAA Reservoir
Integrated STAs	1	25%-75% for EAA; 0-25% for other basins	2006	All STAs	2006	Will optimize and integrate STA alternatives using biological treatment (emergent and SAV)

Summary of ESP Basin Alternatives

Basin/STA	Alt.	Source Controls	CERP Project	Alternative Description	Completion	Comments
Acme Basin B	1	0-50%	n/a	Diversion to CERP project	2013	Baseline conditions would continue until Agricultural Reserve Reservoir CERP Project is complete in 2013
	2	0-50%	n/a	Construct chemical treatment facility	2006	Chemical treatment with flow equalization basin in Acme Basin B
	3	0-50%	n/a	Construct STA	2006	Biological treatment (emergent and SAV)
C-11W	1	0-25%	2006/2036	Construct chemical treatment facility	2005	Chemical treatment with flow equalization basin in C-11W Basin
	2	0-25%	2006/2036	Construct STA	2005	Biological treatment (emergent and SAV)
	3	0-25%	2006/2036	Construct STA in footprint of CERP project	2005	Use of Western C-11 Impoundment as STA for 1 year until CERP project is complete
	4	0-25%	2006/2036	No Action alternative	2006/2036	Baseline conditions would continue until CERP project diversion components are complete
NSID	1	0-25%	2007	Diversion until CERP complete	2006	Diversion to rock pits on north side of NSID using temporary pumps/structures
	2	0-25%	n/a	Permanent Diversion	2006	CERP project would no longer need to address this basin's discharges
	3	0-25%	2007	No Action alternative	2007	Baseline conditions would continue for one year until CERP diversion is complete
NNRC	1	0-25%	2018	Construct chemical treatment facility	2006	Chemical treatment until CERP complete
	2	0-25%	2018	Discontinue use of G-123	2006	Assumes current levels of flood protection are maintained
	3	0-25%	2018	No Action alternative	2006	Baseline conditions would continue until CERP project is complete
L-28	1	50 ppb-100ppb	2010/2015	Construct STA	2006	Biological treatment (emergent and SAV)
	2	50 ppb-100ppb	2010/2015	No Action alternative	2010/2015	Baseline conditions would continue until CERP project is complete
Feeder Canal	1	50 ppb-100ppb	2015	Construct STA	2006	Biological treatment (emergent and SAV)
	2	50 ppb-100ppb	2015	No Action alternative	2015	Baseline conditions would continue until CERP project is complete