

Sierra Vista Subwatershed		APPROXIMATE TOTAL COSTS					
Monitoring Program:		Priority Level	committed	uncommitted			
Long Term (5 yr)		I	\$48,850	\$54,900			
Monitoring Commitments		II	\$24,500	\$12,600			
		III	\$81,000	\$42,300			
		IV	\$22,500	\$25,000			
		TOTAL	\$176,850	\$134,800			

MONITORING COSTS	frequency	stations	cost/station/yr	total cost/yr committed	total cost/yr uncommitted	priority level	Committed long-term funding source
SPRNCA water levels (wells)							
Vertical gradient	Q	14	\$450		\$6,300	I	NONE
Long term record, near stream		28			\$12,600	I	NONE
Short term record, near stream		34			\$15,300	III	NONE
BLM water rights wells (9 total; 8 in SV SW)		8		100%		I	BLM
Regional water levels (wells)							
Ft. Huachuca	Q	14	\$450	\$6,300		I	ARS
Other		13		\$5,850		I	ARS
Stream discharge (gaging stations)							
Main stem & Lower Babo	M	4	\$16,200	\$16,200	\$48,600	I	CC, USGS/NONE
Mountain (low flow) & Upper Babo		5		\$81,000		III	TNC,CC,FTH,USGS
Lewis Springs stage recorder		1	-- see Lewis Springs site, included below --				
Monthly seepage run (13 total; 10 in SV SW)		10	?	100%		III	BLM
Streamflow permanence (cameras)							
Cameras	Q	7	\$500	\$3,500		I	ARS
Wet-dry Mapping		45 mi+	?	100%		I	TNC
Lewis Springs site (stream stage, wells)							
	M	1	\$17,000	\$17,000		I	Cochise County (w/ USGS match)
Springs discharge (manual meas.)							
	Q	5	\$1,100	\$5,500		II	Cochise County (w/ USGS match)
Isotope sampling (San Pedro & Babo)							
	M	6	\$3,167	\$19,000		II	Cochise County (w/ USGS match)
Aquifer storage change (gravity)							
	A	40	\$675		\$27,000	III	NONE
Detention pond infiltr. (transducer)							
Sierra Vista	Q	5	\$500	\$2,500		IV	Sierra Vista (regres.)
Ft. Huachuca		5	\$2,000	\$10,000		IV	Ft. Huachuca
Cochise County		1	\$10,000 (?)	\$10,000		IV	Cochise County (new--5 yrs)
Moisture monitoring							
Precipitation gages	C	26	?	100%		III	ARS
Soil moisture sensors	C	26	?	100%		IV	ARS
Riparian ET monitoring	C	1	?	100%		III	ARS
Water Quality							
San Pedro at Charleston	A	1	?	100%		IV	USGS (NAWQA)
Passive sampling at springs		5	\$25,000		\$25,000	IV	NONE
		number of stations	approximate total cost				
			committed	uncommitted			
TOTAL MONITORING:		201	\$176,850	\$134,800			
Remaining potential cost to USPP members:					\$134,800		

M = monthly; Q = quarterly; A = annual; C = continuous
100% = paid for and data collected by committed agency/organization