Table 1 Work Breakdown Structure and Cost Estimates Ground-Level Monitoring Program: FY 2018/19

Task Description	La	bor	353	Other Direct Costs								Totals					
	Person Days	Total	Travel	New Equip.	Equip. Rental	Outside Pro	Lab	Repro	Misc.	Total	Totals by Task	Recommended Budget 2018-19	Budget 2017-18	Net Change 2017-18 to 2018-19	Potential Carry-Over 2018-19	Budget with Carry-Over 2018-19	
	y Greek											а	Ь	a-b	C	a-c	
ask 1 Setup and Maintenance of the Monitoring Network		\$26,816								\$8,537	\$35,353	\$35,353	\$66,274	-\$30,921	\$0	\$35,35	
1.1 Maintain Extensometer Facilities	40	004.400	04.400	0050	\$152					\$1,541	\$22,661	\$22,661	\$12,443	\$10,218	\$0	\$22,66	
Routine maintenance of Ayala Park, Chino Creek, and Pomona extensometer facilities	16	\$21,120 \$5,696	\$1,139 \$362							\$5,400	\$11.096		\$10,727	\$369			
Replacement/repair of equipment at extensometer facilities 1.2 Annual Lease Fees for CCX Extensometer Site	4	\$5,090	φ302	φ3,000	ψυυ	Ψ2,000			\$1,596				\$1,596	\$0	\$0	\$1,59	
1.3 Identify a Site and Install a Horizontal Extensometer in the Managed Area									* .,	, , ,			\$0				
Coordinate with the City of Chino	0	\$0	\$0							\$0			\$10,954	-\$10,954	\$0		
Prepare for and attend a meeting of the GLMC to discuss and approve potential sites	0	\$0	\$0							\$0			\$3,582 \$26,972	-\$3,582 -\$26,972	\$0 \$0		
Perform CEQA for the potential new sites and procure permits and easements	0	\$0				\$0				\$0							
ask 2 MZ-1: Aquifer-System Monitoring and Testing		\$48,304								\$5,303	\$53,607	\$33,150	\$22,774	\$10,375	\$0	\$33,1	
2.1 Conduct Quarterly Data Collection from Extensometers; Data Checking and Management		00.400	0075		070		H.	2		\$351	\$2,783	\$2,783	\$2.339	\$444	\$0	\$2,7	
Download data from the Ayala Park Extensometer facility	2 2	\$2,432 \$2.432	\$275 \$42		\$76 \$76					\$118			\$1,139	\$1,411	\$0		
Download data from the Chino Creek Extensometer facility Download data from Pomona Extensometer facility	4	\$4,864	\$269		\$76					\$345			\$1,336	\$3,873			
Process, check, and upload data to database	11	\$14,944	ΨΖΟΘ		ψ/ C					\$0			\$17,960	-\$3,016		\$14,9	
2.2 Conduct Long-Term Pumping Test in the Managed Area	- ''	ψ11,011										·					
Coordinate testing with pumpers	1	\$1,632								\$0			\$0	\$0			
Equip CH-15B and CH-17 with high-frequency water-level monitoring devices	3	\$4,064	\$138	\$2,000	\$38	8				\$2,176			\$0	\$0			
Collect data, process, check, and upload to database	2	\$2,432								\$0			\$0 \$0	\$0 \$0			
Prepare, analyze, and distribute stress-strain diagrams to GLMC; terminate test	4	\$7,168	2122							\$0 \$138			\$0 \$0	\$0 \$0			
Adjust extensometer hardware, as necessary	2	\$2,848	\$138	3						\$130	\$2,900	Φυ	φ0	ΨΟ	ΨΟ		
2.3 Conduct Pilot Injection Test in the Managed Area	1	\$1,424								\$0	\$1,424	\$1,424	\$0	\$1,424	\$0	\$1,4	
Coordinate testing with pumpers Equip CH-15B and CH-17 with high-frequency water-level monitoring devices	3	\$4.064	\$138	\$2,000	\$38					\$2,176			\$0	\$6,240			
· ·	0	\$5.064	ψίου	φ2,000	400		estes deserving		55345000000	\$85,000			\$89,292	\$772	\$0	\$90,0	
Task 3 Basin Wide: InSAR 3.1 Acquire SAR Data from German Aerospace Center and Prepare Interferograms for 2018/19	1	\$1,632				\$85,000				\$85,000	\$86,632		\$86,608	\$24			
3.1 Acquire SAR Data from German Aerospace Center and Prepare Interferograms to 2016/19 3.2 Convert Interferograms to GIS Layers; Check and Upload to GIS Database	2.5	\$3,432				ψ05,000				\$0			\$2,684	\$748			
	2.0	\$17,722	RIVER NO UNI				12.00.00.00.00		F & T (2) (2)	\$190,600	\$208,322	\$84,046	\$127,058	-\$43,012	\$0	\$84,0	
Fask 4 Ground-Level Surveys 4.1 Conduct Spring-2019 Elevation and EDM surveys in the Northwest MZ-1 Area	0.5	\$816				\$23,000		Carlot Colorado		\$23,000			\$22,507	\$1,309			
4.2 Conduct Spring-2019 Elevation Survey in the Northeast Area	0.5	\$816				\$32,500				\$32,500			\$57,818	-\$24,502			
4.3 Conduct Spring-2019 Elevation Survey in the Southeast Area	0.5	\$816				\$30,000				\$30,000	\$30,816		\$29,871	-\$29,871			
4.4 Install Closely-Spaced Benchmarks along Edison and Eucalyptus (for Long-Term Pumping Test)	1.75	\$2,728				\$12,200				\$12,200	\$14,928	\$0	\$0	\$0	\$C)	
4.5 Conduct Two Elevation and EDM Surveys in the Managed Area/Fissure Zone Area (for Long-Term Pumping Test)	1	\$1,632				\$76,900				\$76,900			\$0	\$0			
4.6 Replace Destroyed Benchmarks (if needed)	0	\$0				\$6,000				\$6,000	\$6,000		\$5,963	\$37 -\$5.132			
4.7 Process, Check, and Update Database	4.25	\$5,768								\$0	\$5,768	\$5,768	\$10,900	-\$5,13∠	Φι	φ5,7	
4.8 Select New Surveyor and Support Transition		04.040				\$2,500				\$2,500	\$4,310	\$4,310	\$0	\$4.310	\$0	\$4,3	
Identify and Selecting a New Surveyor Support the Transition of Work from Prior Surveyor to New Surveyor	2.25	\$1,810 \$3,336				\$7,500				\$7,500			\$0	\$10,836			
	2.25					Ψ1,500		1 1000000000000000000000000000000000000	METUR PC-952	\$10,000		1 1	\$79,644	-\$9,168	\$0	\$70,4	
Task 5 Data Analysis and Reports	23	\$ 60,476 \$33,384								\$10,000		200,004	\$32,920	\$464			
5.1 Prepare Draft 2017/18 Annual Report of the Ground-Level Monitoring Committee 5.2 Prepare Final 2017/18 Annual Report of the Ground-Level Monitoring Committee	5.5	\$8,148								\$0			\$8,036	\$112			
5.3 Compile and Analyze Data from the 2018/19 Ground-Level Monitoring Program	3.5	ψυ, 140								, i	, , , , ,		•				
Production/recharge/piezometric/extensometer	4	\$5,280				\$10,000				\$10,000	\$15,280	\$15,280	\$25,208	-\$9,928			
Ground-level survey and Northwest MZ-1 Area EDM data	4	\$5,648								\$0			\$5,572	\$76			
InSAR data	4	\$5,280								\$0			\$5,208	\$72			
Tectonic data	0.25	\$304								\$0			\$300 \$2.400	\$4 \$32			
Recycled water reuse data	2	\$2,432								\$0	V -,	, ,					
Fask 6 Work Plan to Develop a Subsidence-Management Plan for the Northwest MZ-1 Area		\$118,320								\$54,818			\$1,582,576	-\$1,409,438			
6.1 Implement the Monitoring Program and Conduct Passive Monitoring	19	\$24,672			\$76					\$10,548			\$84,918 \$1,360,926	-\$49,698 -\$1,360,926			
6.2 Install the Pomona Extensometer Facility	0	\$0	\$0			\$0 \$24,000				\$44,220			\$1,360,926	-\$1,360,926 \$820			
6.3 Install and Test Monitoring Equipment at the Pomona Extensometer	48	\$63,132 \$30,516	\$1,920	\$18,300)	\$24,000		\$50		\$50			\$30,200	\$366			
6.4 Prepare Completion Report for the Pomona Extensometer Facility	20							ΨΟΟ					\$43,646				
ask 7 Meetings and Administration	40	\$44,016		4						\$418 \$334			\$20,770	\$428			
7.1 Prepare for and Conduct Four Meetings of the Ground-Level Monitoring Committee	12	\$20,864 \$5,216	\$334 \$84					-		\$84			\$5,192				
7.2 Prepare for and Conduct One As-Requested Ad-Hoc Meetings 7.3 Perform Monthly Project Management	7.5	\$12,720		†		-		+		\$0			\$12,540				
7.3 Perform Monthly Project Management 7.4 Prepare a Recommended Scope and Budget for the GLMC for FY 2019/20	3	\$5,216								\$0	\$5,216		\$5,144				
		ΨΟ, ΖΙΟ		1	1	1	1										



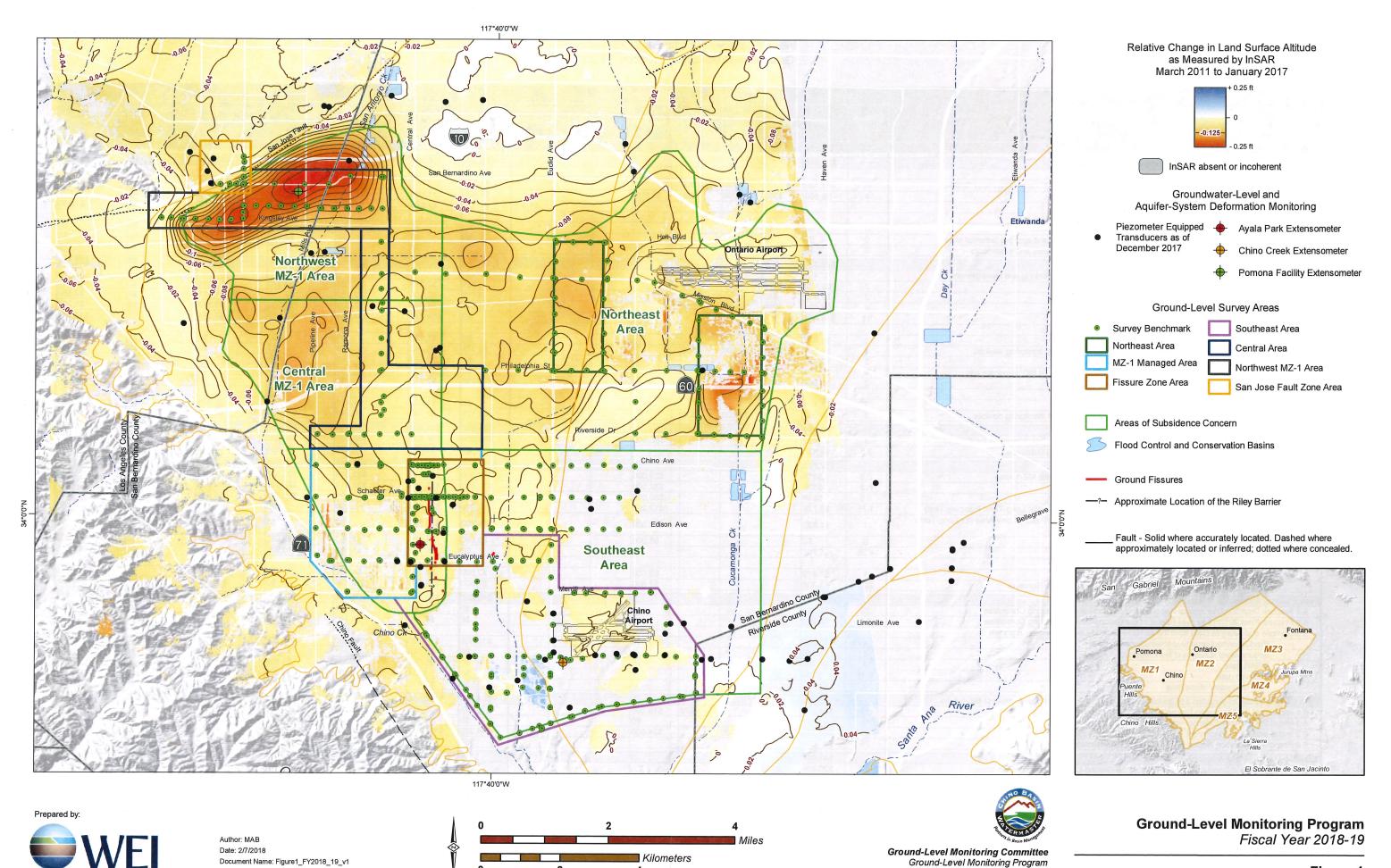


Figure 1