



**ATTACHMENT I – General Qualifications**  
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:**  
**ADSPO15-00004729**

**STATE PROCUREMENT OFFICE**  
**Department of Administration**  
**100 North 15<sup>th</sup> Avenue, Suite 201**  
**Phoenix, Arizona 85007**

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

**1. Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE ) NAME:	<b>Southwest Ground-water Consultants, Inc.</b>
b. FIRM (OR BRANCH OFFICE) STREET:	<b>3033 North 44<sup>th</sup> Street, Suite 120</b>
c. FIRM (OR BRANCH OFFICE) CITY:	<b>Phoenix</b>
d. FIRM (OR BRANCH OFFICE) STATE:	<b>Arizona</b>
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	<b>85018-7226</b>

f. YEAR ESTABLISHED:	<b>1993</b>
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(g1). OWNERSHIP - TYPE:	<b>Corporation</b>
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	<b>Small Business</b>

h. POINT OF CONTACT NAME AND TITLE:	<b>Stephen D. Noel, R.G.</b>
i. POINT OF CONTACT TELEPHONE NUMBER:	<b>602-955-5547</b>
j. POINT OF CONTACT E-MAIL ADDRESS:	<b>snoel@sgcground-water.com</b>

k. NAME OF FIRM <i>(If block 1a is a branch office):</i>	
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**2. EMPLOYEES BY DISCIPLINE**

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Environmental Scientist	P	1	
Environmental Scientist	S	2	
Geographic Information Systems Specialist	P	1	
Geographic Information Systems Specialist	S	2	
Geological Engineer	P	1	
Geological Engineer	S	1	
Geologist	P	1	
Geologist	S	5	
Hydrologist	P	7	
Hydrologist	S	1	
<b>Total</b>	<b>P = 11</b> <b>S = 11</b>	<b>22</b>	





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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Stephen D. Noel, R.G.</b>	b. ROLE IN THIS CONTRACT Project Manager / Senior Hydrogeologist	c. YEARS EXPERIENCE	
		1. TOTAL 36	2. WITH CURRENT FIRM 21
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., 1978 Geology, Purdue University, West Lafayette, Indiana B.A., 1975 Environmental Studies and History, Franklin and Marshall College, Lancaster, PA		f. PROFESSIONAL TRAINING - REGISTRATIONS  Geologist – Arizona (17065), California (4146)	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Mr. Noel, President of Southwest Ground-water Consultants, Inc., is the Principal Hydrogeologist for the company's four offices (3 in AZ and 1 in NM). He is currently serving as Geologist on the Arizona State Board of Technical Registration. He has been responsible for a wide variety of hydrogeologic investigations throughout Arizona and the southwest involving: permitting; site-specific geologic interpretation; exploratory, monitor, and production well design and installation management; aquifer testing and analysis; design of water quality monitoring programs; recharge and recovery projects, and water rights evaluations.			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	<b>Production Well Installation – Solana Concentrating Solar Power Generating Plant, Gila Bend, Arizona</b>	On-going	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Noel is Project Manager (PM) and Principal Hydrogeologist for this on-going 2.5 million dollar project. SGC was retained to permit, design, provide construction management services, testing, and final equipping of four high capacity production wells and a potable well for the Solana Concentrating Solar Power Generating Plant.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Well Siting Study for the City of Eloy, Pinal County, Arizona</b>	2013	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Noel served as PM and Principal Hydrogeologist for this \$91,000 project. SGC conducted a well siting investigation which took into consideration: hydrogeologic conditions, environmental hazards, infrastructure, city-owned property, and ADWR well-spacing rules. Subsequent investigations were conducted to further evaluate the most promising wells.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Groundwater Flow Model, Mesa Farms Application for Analysis of Assured Water Supply (AAWS), Pinal County, Arizona</b>	2014	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Noel served as PM and Principal Hydrogeologist for this \$43,000 project. SGC was contracted by Pinal Land Holdings to prepare an AAWS for review and approval by ADWR. The application covered 11,500 acres of historically farmed land and desert land and required development of a detailed groundwater flow model.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>Well Rehabilitation, Fort McDowell Yavapai Nation (FMYN) Community Water System, Maricopa County, Arizona</b>	2014	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Noel served as PM and Principal Hydrogeologist for this \$217,000 project. SGC was contracted by FMYN to investigate and analyze hydrogeologic conditions in and around two Community Water System wells due to increases in nitrate concentrations and the presence of coliform bacteria. Additional wells were evaluated to see if rehabilitation might improve pumped water quality.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>City of Chandler Recharge Permit Capacity, Tumbleweed, Ocotillo, Chandler Heights Recharge Project, Maricopa Cty, AZ</b>	2013	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Noel served as assistant PM providing QA/QC review for this \$93,000 project. SGC was retained by the City of Chandler to conduct a study of the operating performance and ultimate recharge capacity of the City's three effluent recharge facilities.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>William M. Greenslade, P.E., R.G.</b>	b. ROLE IN THIS CONTRACT Project Manager / Senior Hydrogeologist	c. YEARS EXPERIENCE	
		1. TOTAL 47	2. WITH CURRENT FIRM 19
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., 1967 Hydrology, MacKay School of Mines, University of Nevada, Reno B.S., 1965 Geological Engineering, MacKay School of Mines, University of Nevada, Reno		f. PROFESSIONAL TRAINING - REGISTRATIONS Geological Engineer – Arizona (10313) Geologist – Arizona (9741), California (3430)	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Mr. Greenslade is experienced in the hydrogeologic characterization of ground and surface water flow systems, design of water supply and recharge & recovery wells, analysis of contaminant migration and the development of remedial plans for contaminated soil and groundwater. He has conducted surface water and groundwater studies for water supply development, flood control, dewatering and water quality management. Mr. Greenslade also served for six years as Geologist on the AZ State Board of Technical Registration.

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Riggs Road Municipal Production Well, City of Chandler, Arizona</b>	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Greenslade served as Project Manager (PM) and Principal Hydrogeologist for this \$81,000 project. SGC was contracted by the City of Chandler to design, oversee construction and testing of a high capacity municipal water supply well.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Red Gap Ranch Water Resources Environmental Assessment and Groundwater Modeling Study, Flagstaff, Arizona</b>	(2) YEAR COMPLETED	
		Professional Services On-going	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Greenslade is PM and Principal Hydrogeologist for this on-going \$276,000 project. SGC was retained to provide the City of Flagstaff and USBR with a water resources environmental assessment for the City's proposed pumping of groundwater from the Red Gap Ranch and impacts this may have on perennial reaches of two creeks.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>West Pecos Replacement Well, City of Chandler, Arizona</b>	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Greenslade served as PM and Principal Hydrogeologist for this \$95,000 project. SGC was contracted by the City of Chandler to abandon an old well and then design, oversee construction and testing of a new high capacity municipal water supply well.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Aquifer Storage and Recovery (ASR) Well Testing Program, City of Chandler, Arizona.</b>	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Greenslade served as PM and Principal Hydrogeologist for this \$51,000 project. SGC tested all active ASR wells at the City's three effluent underground storage facilities with recommendations for optimal operation and maintenance (O & M).	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>City of Chandler Recharge Permit Capacity, Tumbleweed, Ocotillo, Chandler Heights Recharge Project, Maricopa Cty, AZ</b>	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Greenslade served as PM and Principal Hydrogeologist for this \$93,000 project. SGC was retained by the City of Chandler to conduct a study of the operating performance and ultimate recharge capacity of the City's three effluent recharge facilities.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME  <b>Scot Journell, P.E.</b>	b. ROLE IN THIS CONTRACT Project Manager / Geological Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 32	2. WITH CURRENT FIRM 20
d. LOCATION (City and State) Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S., 1981 Geology, Northern Arizona University, Flagstaff, Arizona		f. PROFESSIONAL TRAINING - REGISTRATIONS Geological Engineer – Arizona (23281)	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  
Mr. Journell has extensive experience managing environmental projects ranging from transaction screens and environmental site assessments to large bioremediation projects. **Honors/Publications:**

- Team Member, Geological Engineering Exam Revision, AZ Board of Technical Registration, 2003
- *Field Scale Studies on the Removal of Pentachlorophenol from Contaminated Soil*, Second International Conference on the Remediation of Chlorinated and Recalcitrant Compounds, Battelle, 2000
- *Environmental Assessment and the Role of the Consultant In Solving Problems*, State Bar of AZ 1992
- *Site Remediation of Underground Storage Tank Contamination*, Arizona/Nevada Academy Science, 1989

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) <b>Riggs Road Municipal Production Well, City of Chandler, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Journell served as Geological Engineer for this \$81,000 project. SGC was contracted by the City of Chandler to design, oversee construction and testing of a high capacity municipal water supply well.	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) <b>West Pecos Replacement Well, City of Chandler, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Journell served as Geological Engineer for this \$95,000 project. SGC was contracted by the City of Chandler to abandon an old well and then design, oversee construction and testing of a new high capacity municipal water supply well.	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) <b>Phase I and Phase II Environmental Site Assessment (ESA) – for a National Retailer, Flagstaff, Coconino County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Journell served as Project Manager for this \$47,000 project. SGC was contracted by the developer for a national retailer to conduct Phase I and Phase II ESAs on a multiple parcel site. The Phase II ESA required innovative drilling and sampling to collect data within buildings. The work was conducted on an accelerated schedule to accommodate a real estate transaction.	Professional Services 2013	Construction (if applicable) NA
		<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) <b>City Shop Underground Storage Tank (UST) Site Characterization, Remediation, and Pilot Testing, Prescott, AZ</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Journell is Project Manager and Design Engineer for this \$250,000 on-going environmental remediation project. SGC was contracted by the City of Prescott to characterize and remediate a leaking UST site. SGC designed and operates a mobile Dual Phase Extraction System to extract fuel compounds from soil and groundwater.	Professional Services On-going	Construction (if applicable) On-going
		<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (City and State) <b>Phase I and Phase II Environmental Site Assessment (ESA) – for a National Retailer, Cottonwood, Yavapai County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Journell served as Project Manager for this \$24,000 project. SGC was contracted by the developer for a national retailer to conduct Phase I and Phase II ESAs on a multiple parcel site. The Phase II ESA required innovative locating methods to collect data from the septic tank drain field. The work was conducted on an accelerated schedule to accommodate a real estate transaction.	Professional Services 2013	Construction (if applicable) 2013
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Kevin D. Hebert, R.G.</b>	b. ROLE IN THIS CONTRACT Project Manager / Hydrogeologist	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 10
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., 1983 Geology, University of Southwestern Louisiana, Lafayette, Louisiana		f. PROFESSIONAL TRAINING - REGISTRATIONS Geologist – Arizona (26388)	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Mr. Hebert has extensive experience managing multidisciplinary environmental projects. He has also served as Project Manager providing oversight and management for the permitting, installation, and testing of numerous water production wells in the Phoenix, Pinal, and Tucson Active Management Areas (AMAs). His experience includes industrial compliance issues such as wastewater treatment, landfill closure, landfill permitting, and Aquifer Protection Permitting. He has completed numerous Phase I Environmental Site Assessments (ESAs) covering a wide range of property types. Mr. Hebert is Mine Safety and Health Administration (MSHA) certified.

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Production Well Installation – Solana Concentrating Solar Power Generating Plant, Gila Bend, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As Hydrogeologist, Mr. Hebert provides technical oversight and performed QA/QC for all field operations, health and safety plans, and final document preparations for this on-going 2.5 million dollar project involving installation and testing of four high capacity production wells and a potable well for the Solana Concentrating Solar Power Generating Plant.	Professional Services On-going	Construction (if applicable) 2013
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Florence Copper In-Situ Mining Project, Florence, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As Hydrogeologist for this \$279,000 on-going project, Mr. Hebert is analyzing the feasibility/safety of the proposed Florence Copper In-situ Mining Project. He has completed numerous formal presentations at hearings and provided technical assistance to the Opposition's legal representation.	Professional Services On-going	Construction (if applicable) NA
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Production Well Installation, JRC Goodyear Replacement Well GAC-04R, Maricopa County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Hebert is Project Manager and Hydrogeologist for this on-going \$151,000 project. SGC was retained to prepare a hydrogeological analysis to identify potential well location(s) and then provide construction oversight for drilling, installation, and testing of a replacement water production well near the Phoenix-Goodyear Airport Superfund Site (PGA South).	Professional Services On-going	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Well Evaluation, Town of Florence Well 3B Improvements, Pinal County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Hebert served as Hydrogeologist for this \$68,000 project. SGC was contracted by SunWestern Contractors to evaluate the condition of Town of Florence Well 3B. The scope of work was designed to evaluate the condition of the well casing and screen, clean well perforations as necessary, and test the well for production and water quality.	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Water Resources Investigation, Lake Pleasant Heights and Saddleback Heights, Peoria, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Hebert served as Hydrogeologist for this \$32,000 project. SGC conducted a water resources investigation to identify potential well sites/well fields to serve master planned communities. Well fields that could potentially meet groundwater demands of the proposed developments were ranked in order of best probability of meeting demands at the most reasonable cost.	Professional Services 2013	Construction (if applicable) NA
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Nathan E. Miller</b>	b. ROLE IN THIS CONTRACT Hydrologist / Groundwater Modeler	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., 1997 Hydrology <i>Magna Cum Laude</i> , University of Arizona, Tucson, Arizona		f. PROFESSIONAL TRAINING - REGISTRATIONS	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Mr. Miller is a Hydrologist with expertise in groundwater flow modeling and experience with: GIS development; relational database development, preparation of hydrogeologic maps and technical reports. Mr. Miller represents clients before ADWR and ADEQ, and manages the successful completion of permits issued by these agencies. He has conducted numerous assured water supply investigations and prepared applications for Physical Availability Demonstrations, and Certificates, Analyses, and Designations of Assured Water Supply. He has completed many well spacing and well impact investigations in support of production well permits. He has also prepared many recharge aquifer impact analyses, applications for Underground Storage Facilities, and provided hydrologic support for applications for Aquifer Protection Permits with particular expertise in performing analyses to determine the Discharge Impact Area (DIA).

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Groundwater Modeling – Harquahala Valley Project, La Paz and Maricopa Counties, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Miller served as Hydrologist/Groundwater Modeler for this \$230,000 project. SGC was contracted by CV Harquahala to conduct a detailed hydrogeologic investigation to evaluate the groundwater resources available in the Harquahala INA and to establish the long-term yield of the source aquifer.	Professional Services 2013	Construction (if applicable) NA
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Red Gap Ranch Water Resources Environmental Assessment and Groundwater Modeling Study, Flagstaff, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Miller is Hydrologist and Groundwater Modeler for this on-going \$276,000 project. SGC was retained to provide the City of Flagstaff and USBR with a water resources environmental assessment for the City's proposed pumping of groundwater from the Red Gap Ranch and impacts this may have on perennial reaches of two creeks.	Professional Services On-going	Construction (if applicable) NA
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Groundwater Flow Model, Mesa Farms Application for Analysis of Assured Water Supply (AAWS), Pinal County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Miller served as Hydrologist/Groundwater Modeler for this \$43,000 project. SGC was contracted by Pinal Land Holdings to prepare an AAWS for review and approval by ADWR. The application covered 11,500 acres of historically farmed land and desert land and required development of a detailed groundwater flow model.	Professional Services 2014	Construction (if applicable) NA
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Aquifer Protection Permit (APP) Response for Town of Florence Wastewater Reclamation Facility (WWRF), Pinal County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Miller provided groundwater modeling services for this \$45,000 project. SGC was subcontracted to respond to a consent order regarding the APP for the Town's WWRF. SGC installed a new Point of Compliance (POC) monitor well, initiated 8 months of ambient sampling, and statistically analyzed the results to propose new Alert Levels (AL) and Aquifer Quality Limits (AQL).	Professional Services 2014	Construction (if applicable) NA
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>City of Chandler Recharge Permit Capacity, Tumbleweed, Ocotillo, Chandler Heights Recharge Project, Maricopa Cty, AZ</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Miller served as Hydrologist and Groundwater Modeler for this \$93,000 project. SGC was retained by the City of Chandler to conduct a study of the operating performance and ultimate recharge capacity of the City's three effluent recharge facilities.	Professional Services 2013	Construction (if applicable) NA



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a. NAME  <b>DeAnn G. Hauver</b>	b. ROLE IN THIS CONTRACT  Hydrologist / GIS Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 11
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., 1984 Geology/Physics, East Texas State University, Texas A & M, Commerce, Texas		f. PROFESSIONAL TRAINING - REGISTRATIONS	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Ms. Hauver has a long history of work in the oil and gas industry. She is highly experienced in records research and acquisition of data for preparation of hydrogeologic maps, cross-sections, and project reports. Using her strong computer skills and proficiency in geographic information system (GIS) mapping, Ms. Hauver prepares graphics, maps, and tables for various hydrologic permit applications. She has completed well spacing and well impact investigations in support of various well permits. She also performs analytical modeling for water supply evaluations and provides technical office support by assisting with report preparation, editing, and production.

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Florence Copper In-Situ Mining Project, Florence, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Hauver is Hydrologist and GIS Specialist for this \$279,000 on-going project. SGC was contracted to analyze the feasibility/safety of the proposed Florence Copper In-situ mining project. Ms. Hauver prepares the maps, graphics, and visual aids used in reports and formal presentations at hearings by the Opposition's legal representation.	Professional Services On-going	Construction (if applicable) NA
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Red Gap Ranch Water Resources Environmental Assessment and Groundwater Modeling Study, Flagstaff, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Hauver is Hydrologist and GIS Specialist for this on-going \$276,000 project. SGC was retained to provide the City of Flagstaff and USBR with a water resources environmental assessment for the City's proposed pumping of groundwater from the Red Gap Ranch and impacts this may have on perennial reaches of two creeks.	Professional Services On-going	Construction (if applicable) NA
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Groundwater Flow Model, Mesa Farms Application for Analysis of Assured Water Supply (AAWS), Pinal County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Hauver served as Hydrologist and GIS Specialist for this \$43,000 project. SGC was contracted by Pinal Land Holdings to prepare an AAWS for review and approval by ADWR. The application covered 11,500 acres of historically farmed land and desert land and required development of a detailed groundwater flow model.	Professional Services 2014	Construction (if applicable) NA
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Well Siting Study for the City of Eloy, Pinal County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Hauver served as Hydrologist and GIS Specialist for this \$91,000 project. SGC conducted a well siting investigation which took into consideration: hydrogeologic conditions, environmental hazards, infrastructure, city-owned property, and ADWR well-spacing rules. Subsequent investigations were conducted to further evaluate the most promising wells.	Professional Services 2013	Construction (if applicable) NA
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>City of Chandler Recharge Permit Capacity, Tumbleweed, Ocotillo, Chandler Heights Recharge Project, Maricopa Cty, AZ</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Hauver is Hydrologist and GIS Specialist for this \$93,000 project. SGC was retained by the City of Chandler to conduct a study of the operating performance and ultimate recharge capacity of the City's three effluent recharge facilities.	Professional Services 2013	Construction (if applicable) NA



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Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

<p>a. NAME <b>Georgia L. Waters, R.G.</b></p>	<p>b. ROLE IN THIS CONTRACT Hydrogeologist</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 24</td> <td style="width:50%;">2. WITH CURRENT FIRM 20</td> </tr> </table>		1. TOTAL 24	2. WITH CURRENT FIRM 20
1. TOTAL 24	2. WITH CURRENT FIRM 20				
<p>d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44<sup>th</sup> Street, Suite 120, Phoenix, AZ 85018</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., 1988 Hydrology, University of Arizona - Tucson B.S., 1984 Geology, University of Wisconsin - Madison</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS  Geologist – Arizona (34434)</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Ms. Waters has extensive field experience collecting soil, surface water and groundwater samples, monitoring drilling activities, logging cuttings, interpreting geophysical logs, and conducting aquifer tests. In the office, she maintains the firm’s website, prepares proposals and statements of qualifications, and uses her computer skills to compile, validate and analyze aquifer test data, as well as prepare maps, tables, and figures for presentation in project reports. Ms. Waters earned a Certificate of Completion in Geographic Information Systems (GIS) from Mesa Community College (Aug 2012).</p>					

**H. RELEVANT PROJECTS**

#	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
1.	<b>Production Well Installation – Solana Concentrating Solar Power Generating Plant, Gila Bend, Arizona</b>	Professional Services On-going	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Waters is Hydrogeologist supporting this on-going 2.5 million dollar project. SGC was retained to permit, design, provide construction management services, testing, and final equipping of four high capacity production wells and a potable well for the Solana Concentrating Solar Power Generating Plant.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Production Well Installation, JRC Goodyear Replacement Well GAC-04R, Maricopa County, Arizona</b>	Professional Services On-going	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Waters is Hydrogeologist for this on-going \$151,000 project. SGC was retained to prepare a hydrogeological analysis to identify potential well location(s) and then provide construction oversight for drilling, installation, and testing of a replacement water production well near the Phoenix-Goodyear Airport Superfund Site (PGA South).	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Riggs Road Municipal Production Well, City of Chandler, Arizona</b>	Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Waters served as Hydrogeologist for this \$81,000 project. SGC was contracted by the City of Chandler to design, oversee construction and testing of a high capacity municipal water supply well.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>Well Evaluation, Town of Florence Well 3B Improvements, Pinal County, Arizona</b>	Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Waters served as Hydrogeologist for this \$68,000 project. SGC was contracted by SunWestern Contractors to evaluate the condition of Town of Florence Well 3B. The scope of work was designed to evaluate the condition of the well casing and screen, clean well perforations as necessary, and test the well for production and water quality.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>Well Rehabilitation, Fort McDowell Yavapai Nation (FMYN) Community Water System, Maricopa County, Arizona</b>	Professional Services 2014	Construction (if applicable) NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Waters served as Hydrogeologist for this \$217,000 project. SGC was contracted by FMYN to investigate and analyze hydrogeologic conditions in and around two Community Water System wells due to increases in nitrate concentrations and the presence of coliform bacteria. Additional wells were evaluated to see if rehabilitation might improve pumped water quality.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Chris R. Catalano, R.G.</b>	b. ROLE IN THIS CONTRACT  Hydrogeologist	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 15

d. LOCATION *(City and State)*  
Southwest Ground-water Consultants, Inc. – 3033 North 44<sup>th</sup> Street, Suite 120, Phoenix, AZ 85018

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., 1997 Geology, University of Toledo, Toledo, Ohio B.S., 1995 Geology, University of Toledo, Toledo, Ohio	f. PROFESSIONAL TRAINING - REGISTRATIONS Geologist – Arizona (41781) Sanitarian – Arizona (698)
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Mr. Catalano has completed hydrogeologic investigations in support of various permits issued by ADWR's Office of Assured and Adequate Water Supply. He has participated in many aspects of water well work including: design, permitting, installation, development, and testing of new production wells and monitoring wells, and rehabilitation and abandonment plans for existing wells. Mr. Catalano has completed hydrologic studies that have been submitted to ADEQ as a supplement to Aquifer Protection Permit (APP) applications. Mr. Catalano is Mine Safety and Health Administration (MSHA) certified.

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	<b>Red Gap Ranch Water Resources Environmental Assessment and Groundwater Modeling Study, Flagstaff, Arizona</b>	On-going	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Catalano is Hydrogeologist for this on-going \$276,000 project. SGC was retained to provide the City of Flagstaff and USBR with a water resources environmental assessment for the City's proposed pumping of groundwater from the Red Gap Ranch and impacts this may have on perennial reaches of two creeks.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>West Pecos Replacement Well, City of Chandler, Arizona</b>	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Catalano served as Hydrogeologist for this \$95,000 project. SGC was contracted by the City of Chandler to abandon an old well and then design, oversee construction and testing of a new high capacity municipal water supply well.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Railroad Replacement Well, City of Chandler, Arizona</b>	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Catalano served as Hydrogeologist for this \$94,000 project. SGC was contracted by the City of Chandler to design, oversee construction and testing of a high capacity municipal water supply well, "The Railroad Well" which replaced and old irrigation well in the same location that was abandoned per ADWR rules.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>Production Well Installation, Twin Arrows Well #2, Coconino County, Arizona</b>	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Catalano served as PM and Hydrogeologist for this \$45,000 project. SGC was subcontracted by Waterworks Engineers to oversee the drilling, installation, development, and testing of a new well for the Twin Arrows Casino. The well was successfully drilled to approximately 1,200 feet and is used to supplement drinking water supplies for the casino.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>New Production Well for Existing and Proposed Developments, Lake Havasu City, Arizona</b>	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Catalano served as Project Manager and Hydrogeologist for this \$53,000 project. SGC was contracted by Vesecky Engineering to prepare an impact analysis, technical specifications, and final design for a new production well. SGC also provided oversight of all field activities associated with drilling, installation, and testing of the new well.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Dylan J. Easthouse, R.G.</b>	b. ROLE IN THIS CONTRACT  Hydrogeologist	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 12
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.A., 1998 Geology, Whitman College, Walla Walla, Washington		f. PROFESSIONAL TRAINING - REGISTRATIONS Geologist – Arizona (46233)	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Mr. Easthouse has conducted numerous hydrogeologic and site characterization studies required to satisfy ADEQ requirements for Aquifer Protection Permits (APPs), and ADWR's Assured and Adequate Water Supply program. He is experienced in the design, permitting, installation, development, and testing of new production wells and monitoring wells, aquifer testing, slug testing, soil logging, geophysical logging, video logging, water quality sampling, and data analysis. He has had key roles in recharge projects which include infiltration testing using a single-ring infiltrometer, borehole drilling, and percolation testing.			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	<b>West Pecos Replacement Well, City of Chandler, Arizona</b>	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Mr. Easthouse served as Hydrogeologist for this \$95,000 project. SGC was contracted by the City of Chandler to abandon an old well and then design, oversee construction and testing of a new high capacity municipal water supply well.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Railroad Replacement Well, City of Chandler, Arizona</b>	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Mr. Easthouse served as Hydrogeologist for this \$94,000 project. SGC was contracted by the City of Chandler to design, oversee construction and testing of a high capacity municipal water supply well, "The Railroad Well" which replaced and old irrigation well in the same location that was abandoned per ADWR rules.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Groundwater Flow Model, Mesa Farms Application for Analysis of Assured Water Supply (AAWS), Pinal County, Arizona</b>	2014	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Mr. Easthouse served as Hydrogeologist for this \$43,000 project. SGC was contracted by Pinal Land Holdings to prepare an AAWS for review and approval by ADWR. The application covered 11,500 acres of historically farmed land and desert land and required development of a detailed groundwater flow model.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>Well Rehabilitation, Fort McDowell Yavapai Nation (FMYN) Community Water System, Maricopa County, Arizona</b>	2014	NA
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Mr. Easthouse served as Hydrogeologist for this \$217,000 project. SGC was contracted by FMYN to investigate and analyze hydrogeologic conditions in and around two Community Water System wells due to increases in nitrate concentrations and the presence of coliform bacteria. Additional wells were evaluated to see if rehabilitation might improve pumped water quality.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>New Production Well for EPCOR, Bullhead City, Arizona</b>	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Mr. Easthouse served as Hydrogeologist for this \$50,000 well installation project. SGC was contracted by EPCOR to provide oversight of all field activities associated with drilling, installation, and testing of a new production well. SGC prepared the final well design and report summarizing well construction and test results.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Justin A. Clark</b>	b. ROLE IN THIS CONTRACT Hydrologist / Groundwater Modeler	c. YEARS EXPERIENCE	
		1. TOTAL 2	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., 2011 Earth Sciences, University of Waterloo, Ontario, Canada B.S., 2008 Hydrology and Water Resources, University of Arizona, Tucson, Arizona		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Mr. Clark has worked as a research/teaching assistant in hydrogeology and geochemistry. His education has focused on groundwater flow and the chemical interactions that evolve through mixing. As a graduate student, Mr. Clark developed 3D representations of local field-scale geology and characterized organic chemical contamination of a fractured bedrock network. At SGC, Mr. Clark performs: geodatabase management and spatial analysis, conceptual hydrogeologic model development, numerical model construction and calibration, and post-processing of model outputs including preparation of maps, charts, tables, and project narratives.			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Red Gap Ranch Water Resources Environmental Assessment and Groundwater Modeling Study, Flagstaff, Arizona</b>	(2) YEAR COMPLETED
		Professional Services On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Clark is Hydrogeologist and Groundwater Modeler for this on-going \$276,000 project. SGC was retained to provide the City of Flagstaff and USBR with a water resources environmental assessment for the City's proposed pumping of groundwater from the Red Gap Ranch and impacts this may have on perennial reaches of two creeks.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Florence Copper In-Situ Mining Project, Florence, Arizona</b>	(2) YEAR COMPLETED
		Professional Services On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Clark is Hydrologist and Groundwater Modeler for this \$279,000 on-going project. SGC was contracted to analyze the feasibility/safety of the proposed Florence Copper In-situ mining project. Mr. Clark performs groundwater flow modeling runs and prepares maps and graphics used in reports and formal presentations at hearings.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Analysis of Proposed Underground Storage Facility, Peoria, AZ</b>	(2) YEAR COMPLETED
		Professional Services 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Clark served as Hydrologist and Groundwater Modeler for this \$26,000 project. SGC was retained by the City of Peoria to conduct groundwater modeling to assess permitting of existing and proposed underground storage facilities near the New River-Agua Fria River Underground Storage Project (NAUSP).	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Production Well Installation, JRC Goodyear Replacement Well GAC-04R, Maricopa County, Arizona</b>	(2) YEAR COMPLETED
		Professional Services On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Clark is assisting with this on-going \$150,000 project. SGC was retained to prepare a hydrogeological analysis to identify potential well location(s) and then provide construction oversight for drilling, installation, and testing of a replacement water production well near the Phoenix-Goodyear Airport Superfund Site (PGA South).	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Groundwater Flow Model, Mesa Farms Application for Analysis of Assured Water Supply (AAWS), Pinal County, Arizona</b>	(2) YEAR COMPLETED
		Professional Services 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Clark assisted with modeling efforts for this \$43,000 project. SGC was contracted by Pinal Land Holdings to prepare an AAWS for review and approval by ADWR. The application covered 11,500 acres of historically farmed land and desert land and required development of a detailed groundwater flow model.	<input checked="" type="checkbox"/> Check if project performed with current firm



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**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME  <b>Patricia L. Slim</b>	b. ROLE IN THIS CONTRACT  Office Manager / Hydrologist	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i> Southwest Ground-water Consultants, Inc. – 3033 North 44 <sup>th</sup> Street, Suite 120, Phoenix, AZ 85018			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., 2013 Geology, University of New Mexico, Albuquerque, New Mexico Associate of Science, 1997 Geology, San Juan College, Farmington, New Mexico		f. PROFESSIONAL TRAINING - REGISTRATIONS  Navajo Nation Ambassadors	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Ms. Slim is a Navajo citizen. She was recently hired by SGC in order to further enhance the firm’s ability to provide necessary expertise to clients of the Navajo Nation. She graduated from the University of New Mexico in 2013 with a major in geology. Prior to graduation, Ms. Slim held several engineering and hydrogeologic-related positions both full-time and as a summer intern for various Navajo Nation departments including: Water Management, Water Resources – Domestic Section and Water Code Administration, Navajo EPA, Abandon Mine Land – UMTRA, and Department of Agriculture. In these positions, Ms. Slim gained valuable experience performing tasks such as groundwater level measurement, water sample collection, inspecting production and monitor wells for compliance, preparation of technical reviews for water use and drilling permits, and assisting subcontractors in work associated with well rehabilitation and spring development. Ms. Slim has monitored groundwater remediation projects, aquifer tests, and assisted with collection of water samples from tribal wells on behalf of the Arizona Department of Water Resources (ADWR), AML, and the Department of Energy. Ms. Slim has also served as a liaison for future mineral exploration projects and exploration/feasibility studies for promotion of quarry pit development within the Navajo Nation.			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Water Service Design for the Navajo Housing Authority Bluestone Development Project, Apache County, Houck, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Slim is a Hydrologist for this on-going \$293,000 project. SGC was contracted as a sub-consultant to Wood, Patel & Associates, Inc. to provide water service design for the Navajo Housing Authority (NHA) Bluestone Development Project in Houck, Arizona. SGC’s services include: 1) analysis of groundwater resources available to the Project, 2) complete a Hydrologic Study addressing water demand, water supply, water quality, and long-term reliability of the aquifer, and 3) design, construction oversight, and testing for all installed wells.	Professional Services On-going	Construction (if applicable) On-going
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Production Well Modification, Buckeye Airport Well #2, Maricopa County, Arizona</b>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Slim served as Hydrologist for this \$47,000 project. SGC subcontracted as a sub-consultant to Tres Rios Consulting Engineers to permit, design, and provide construction oversight for modification of an existing Town of Buckeye well to increase the annual volume of groundwater withdrawal.	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Professional Services	Construction (if applicable)
		<input type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Professional Services	Construction (if applicable)
		<input type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Professional Services	Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (City and State)	b. YEAR COMPLETED	
Well Siting Study, City of Eloy, Pinal County, Arizona	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) NA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
City of Eloy	\$150,000	\$91,000 – Under budget

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SGC conducted a well siting investigation for the City of Eloy in the vicinity of the existing water production and distribution system north of I-10 between La Palma Road and Sunland-Gin Road. The siting criteria were:

*Hydrogeologic Conditions*  
(productivity and quality)

*Environmental Hazards*  
(earth fissures, leaking underground storage sites, and capped or abandoned wells)

*Infrastructure and City Owned Properties*  
(distance of City land of adequate size to existing infrastructure)

*Well Spacing* (ADWR well spacing rules)



Hydrogeology

Hazards

Infrastructure

City Properties

ADWR Rules

The above criteria were used to identify portions of the Study Area suitable for a municipal water supply well. The initial screening criteria (Hydrogeologic Conditions and Environmental Hazards) were used to identify potential sites. Those areas were further refined based on City owned properties meeting minimal size requirements as well as being a reasonable distance to existing infrastructure. Once parcels were identified that met the hydrogeologic, environmental, infrastructure, and City ownership requirements, ADWR Well Spacing rules were applied to those sites in order to estimate yield.

Subsequent investigations were conducted to further evaluate the most promising wells. The goal of the evaluation process was to identify which well or wells were in the best physical condition, produced the best water quality, and pumped at a rate that would be useful to the City.

Project Dates: February 2012 – April 2013

This project is an example of SGC's experience providing professional services in the categories of:

- **Water Well Rehabilitation; Water Well Work,** and
- **Water Resources; Hydrology; Ground Water**



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (City and State)	b. YEAR COMPLETED	
Groundwater Report & Production Well, Navajo Housing Authority Bluestone Development Project, Apache County, Houck, Arizona	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) On-going
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER Navajo Housing Authority	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$293,000	e. TOTAL COST OF PROJECT On-going – On budget

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SGC was contracted as a sub-consultant to Wood, Patel & Associates, Inc. to provide a water supply investigation for the Navajo Housing Authority (NHA) Bluestone Development Project in Houck, Arizona. The project is on-going. SGC's services include:

*Analysis of Groundwater Resources Available to the Project*

Evaluate both the regional and shallow aquifers, with primary focus on the regional C-Aquifer.



NAVAJO HOUSING AUTHORITY

*C-Aquifer Evaluation*

Conduct a deep resistivity survey (CSAMT) of the property to assess the depth of the C-Aquifer (Coconino Sandstone) and the presence and distribution of water bearing fractures. Design/drill a test well up to 1,500 feet below land surface. Lithologic and geophysical logs will be obtained. The C-Aquifer will be sampled at up to three (3) depth intervals to assess water quality and potential production rates.

*Shallow Aquifer Evaluation*

Compile available hydrogeologic and well data on the shallow aquifer in the project area. Prepare a report summarizing SGC's findings and an assessment of the suitability of the shallow aquifer system to meet project needs in the event that the C-Aquifer is incapable of supplying all or a portion of the project water supply requirements.

*Adequate Water Supply (AWS) Hydrologic Study and Water Report Application:*

Complete a hydrologic study for the Project, which addresses water demand, water supply, water quality, and long-term reliability of the aquifer (100-years). Complete an application for a Water Report that will be submitted to ADWR for review. SGC will compile the application with the hydrologic study and other required documents.

*Production Wells*

Design, oversee construction, test, and provide a well completion report for all installed wells.

Project Dates: November 2014 – Present (On-going project)

This project is an example of SGC's experience providing professional services in the categories of:

- **Water Well Rehabilitation; Water Well Work,** and
- **Water Resources; Hydrology; Ground Water**



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729

STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (City and State) Production Well Installation, Riggs Road Well City of Chandler, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Chandler	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$86,800	e. TOTAL COST OF PROJECT \$81,300 – Under budget
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



SGC was contracted by the City of Chandler to provide professional oversight services for drilling, installation and testing of the Riggs Road Well. SGC assisted the City in preparing preliminary design and technical specifications for the well. Pilot borehole drilling and zonal sampling were separated into two phases. Initially, the pilot borehole was drilled to approximately 704 feet below land surface (bls) to collect zonal water quality samples from the Middle Alluvial Unit (MAU). The pilot borehole was then deepened to approximately 1,634 feet bls to collect zonal water quality samples from the Lower Alluvial Unit (LAU). Based on the zonal sampling results, groundwater quality in the LAU was inferior to that of the MAU. A key objective of the final well design was the production of potable water quality which limited the screened interval to the MAU aquifer. As such, the final well design included a cement slurry seal in the pilot borehole below the depth of the MAU/LAU contact and a screened interval entirely within the MAU. SGC hydrogeologists provided construction over-sight, documented drilling and testing operations, and determined the optimal screen and filter pack design following careful analysis of the drilled cuttings, downhole geophysical logs, and zonal water quality results. As completed, pumped groundwater from the newly installed production well met safe drinking water

standards for primary Maximum Contaminant Levels (MCLs) for all the constituents analyzed. SGC provided the City with projected long-term drawdowns and pumping water levels at the design pumping rate of 1,200 gallons per minute.

Project Dates: May 2014 – December 2014

This project is an example of SGC's experience providing professional services in the categories of:

- **Water Well Rehabilitation; Water Well Work,** and
- **Water Resources; Hydrology; Ground Water**



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Department of Administration  
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Phoenix, Arizona 85007

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (City and State) Production Well Installation –Solana Concentrating Solar Power Generating Plant, Gila Bend, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Abeinsa EPC	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,510,000	e. TOTAL COST OF PROJECT \$2,510,000 – On budget
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



Southwest Ground-water Consultants, Inc. (SGC) was retained by Abeinsa EPC to permit, design, provide construction management services, and testing of four high capacity production wells and a potable well for the Solana Concentrating Solar Power (CSP) generating plant in Gila Bend, Arizona. Upon completion, the Solana CSP plant will have a total capacity of 280 megawatts, enough power to service approximately 70,000 homes. SGC hydrogeologists designed the well installation program to meet the cooling water and potable water demand for the innovative solar power generating plant currently under construction.



After review and analysis of the local hydrogeologic conditions, SGC developed technical specifications, assisted with bid evaluations, prepared final well designs and provided construction oversight and testing for all phases of the project including final equipping of the wells. Analyses of the pilot borehole test data, including lithologic logging, geophysical logging, and zonal water quality sampling were critical in overcoming water quality and production issues at the site. The wells meet the stringent water quality and production capacity requirements of the Solana CSP generating plant.

Project Dates: February 2011 – Present  
(On-going Project)

This project is an example of SGC's experience providing professional services in the categories of:

- **Water Well Rehabilitation; Water Well Work,** and
- **Water Resources; Hydrology; Ground Water**



ATTACHMENT I – General Qualifications

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STATE PROCUREMENT OFFICE  
Department of Administration  
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Phoenix, Arizona 85007

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

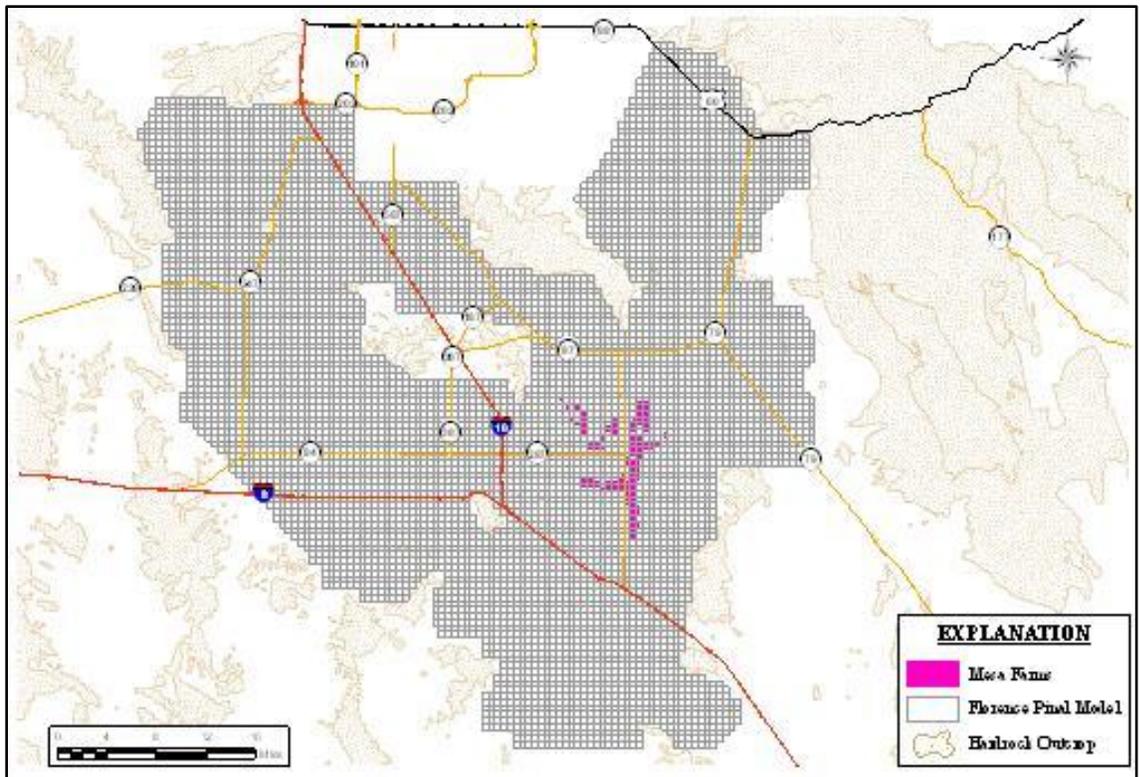
b. TITLE AND LOCATION (City and State) Groundwater Flow Modeling, Mesa Farms Analysis of Assured Water Supply, Pinal County, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) NA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Pinal Land Holdings	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$42,800	e. TOTAL COST OF PROJECT \$42,800 – On budget
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SGC was contracted by Pinal Land Holdings to prepare an Application for Analysis of Assured Water Supply (AAWS) for review and approval by ADWR. The Mesa Farms property (the Project) is located in the Eloy Sub-basin of the Pinal Active Management Area (AMA). The application covered approximately 11,500 acres of historically farmed land and desert land, and required development of a detailed groundwater flow



model to evaluate the impact of development and to project future 100-year water levels to meet ADWR standards. The base model for this analysis was a calibrated regional model (Florence Model) developed by SGC. The model was recalibrated to local groundwater levels to provide a more precise simulation of local groundwater levels. This modeling effort required extensive hydrogeologic evaluation and close interaction with ADWR staff. The application was reviewed and approved by ADWR.

Project Dates: May 2013 – April 2014

This project is an example of SGC's experience providing professional services in the categories of:

- **Water Resources; Hydrology; Ground Water**



ATTACHMENT I – General Qualifications

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Phoenix, Arizona 85007

6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)

Please see Attachment I-A: Company Brochure, Southwest Ground-water Consultants, Inc.

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a. Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	40
b. Percentage of Total Work Attributable to Non-Government Work:	60

8. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.

Signature: Stephen D. Noel

Date: December 24, 2014

Name: Stephen D. Noel, R.G.

Title: President

# Southwest Ground-water Consultants, Inc.

22  
YEARS  
1993-2015

## WHO WE ARE

Southwest Ground-water Consultant's Inc. (SGC) is a professional consulting firm specializing in groundwater. Groundwater hydrology, the science of the occurrence, distribution, and movement of water below the surface of the earth<sup>1</sup> is the heart of our business. It is also our business to understand the geologic, environmental, political, and regulatory factors controlling groundwater and its use.

SGC was formed in 1993 in order to meet the needs of industry and the public sector for quality, affordable, hydrogeologic and environmental services. For the past 22 years, we have been doing just that! SGC is legally organized as an Arizona Corporation (DUNS No. 96-699-5730), and qualifies as a small business with annual average professional services revenues of \$2 million to less than \$5 million. We are a small business and proud of our track record in providing high quality, personal service at competitive hourly rates.

SGC's greatest asset is its staff, which is comprised of an interdisciplinary team of Registered Geologists, Registered Professional Engineers, and Hydrologists. The majority of our professional staff have worked together for a dozen or more years completing a variety of challenging hydrogeologic and environmental projects. This lengthy history of successful team work enables SGC to serve its clients with utmost efficiency.

It is SGC's business philosophy to provide our clients the necessary expertise to complete projects cost effectively and within a reasonable schedule. We address the regulatory requirements of each project and implement technically sound, cost-effective data collection and analysis programs tailored to each client's particular needs.

## WHERE WE WORK

SGC's main office is located in Phoenix, Arizona. Branch offices are located in Prescott and Cottonwood, Arizona and Navajo, New Mexico. SGC professionals are familiar with hydrogeologic conditions in groundwater basins throughout Arizona and neighboring states. If you would like to know more about us and our work experience in your area, feel free to contact representatives any of our four offices. Also check out our website at <http://www.sgcground-water.com>.

### **Phoenix (Main Office):**

3033 North 44<sup>th</sup> Street, Suite 120  
Phoenix, Arizona 85018-7226  
(602) 955-5547 Fax (602) 955-7585  
[snoel@sgcground-water.com](mailto:snoel@sgcground-water.com)

### **Prescott**

143 N. McCormick Street, Suite 206  
Prescott, Arizona 86301  
Ph: (928) 771-0610  
Fax: (928) 771-0748  
[deasthouse@sgcground-water.com](mailto:deasthouse@sgcground-water.com)

### **Cottonwood**

P.O. Box 4564  
Cottonwood, Arizona 86326  
Ph: (928) 649-9993  
Fax: (928) 649-2199  
[ccatalano@sgcground-water.com](mailto:ccatalano@sgcground-water.com)

### **Navajo Nation**

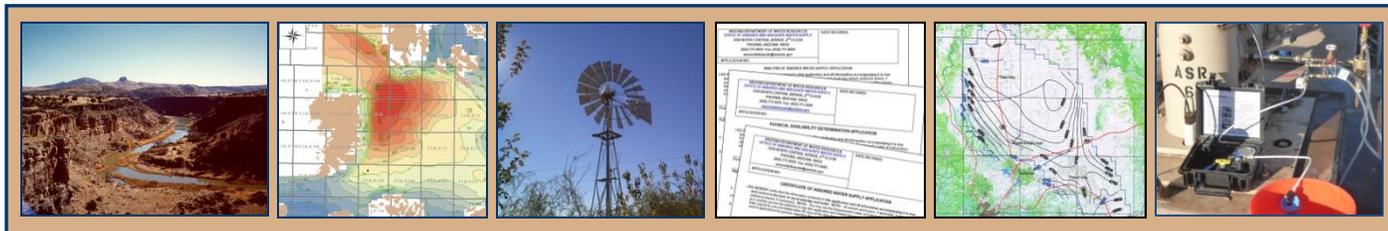
Route 12, Mill Road  
P.O. Box 954  
Navajo, New Mexico 87328  
Phone and Fax: (505) 777-2499  
[pslim@sgcground-water.com](mailto:pslim@sgcground-water.com)



## WHAT WE DO

SGC provides a full complement of hydrogeologic and environmental consulting services from problem identification, through data collection and analysis, to the formal presentation of conclusions and recommendations to the client and/or regulatory agency. SGC principals are involved in all projects including both the technical aspects as well as the day-to-day management of the project including time/cost accounting, sub-contractor management, and client communications. A representative summary of services provided by SGC is presented below.

## SGC PROFESSIONAL SERVICES:



### I. Water Supply Studies / Hydrogeologic Investigations

- Certificates of Assured Water Supply, Water Adequacy Reports, Analysis of Assured Water Supply, and Physical Availability Demonstration Permitting
- Groundwater Resource Evaluations
- Aquifer Characterization
- Subsurface Geologic Characterization
- Aquifer Testing and Sampling
- Groundwater/Surface Water Relationships
- Groundwater Flow Modeling

### II. Well Design, Construction Management, and Testing

- Well Siting Analyses
- Well Permitting
- De Minimis General Permitting (DMGP)
- Well Impact (Spacing) Investigations
- Design and Installation of Monitor Wells, Exploration Wells, and Production Wells
- Well Rehabilitation
- Well Abandonment



### III. Aquifer Recharge

- Aquifer Characterization / Infiltration Testing
- Recharge Well Design
- Pilot Testing (Vadose Zone Wells, Aquifer Storage & Recovery (ASR) Wells, and Basins)
- Mounding Analysis / Area of Impact
- Monitoring, Testing, and Reporting
- Permitting



### IV. Contaminant Investigations / Regulatory Permitting and Compliance



- Leaking Underground Storage Tank (LUST) Site Characterization and Remediation
- U.S. Environmental Protection Agency Superfund Site Characterization/Closure
- Water Quality Assurance Revolving Fund (WQARF) Site Characterization/Closure
- Landfill Site Characterization/Closure
- Compliance Monitoring
- Remedial Design
- Construction Management
- ADEQ Aquifer Protection Permits (APP)
- ADWR Well and Water Supply Permitting
- Arizona Pollutant Discharge Elimination System (AZPDES) Permits
- Recharge (Underground Storage Facility), Storage (Water Supply), and Recovery (Recharge Well) Permits

### V. Additional Services

- Aquifer Dewatering
- Expert Witness Testimony and Technical Support for Legal Proceedings



## WHO WE SERVE

SGC has proudly served hundreds of clients over the past 20 years including: multiple municipalities, the State of Arizona, utility companies, Native American Tribal governments, law firms, mining companies, master planned communities, engineering firms, private businesses, and individuals. These clients comprise a broad spectrum of the public and private business sectors. A partial list of our valued clients is presented below.

- Abeinsa EPC
- Ak-Chin Utility
- Apache Junction Water Co.
- Arizona Geological Survey
- Arizona Department of Environmental Quality
- Arizona Department of Transportation
- Arizona State Land Department
- Arizona Water Company
- B&R Engineering
- Bella Vista Water Company
- Cachet Homes
- Carollo Engineers
- Cavalier Properties, L.L.C.
- Chandler Heights Citrus Irrigation District
- City of Apache Junction
- City of Avondale
- City of Buckeye
- City of Chandler
- City of El Mirage
- City of Eloy
- City of Flagstaff
- City of Globe
- City of Goodyear
- City of Peoria
- City of Phoenix
- City of Prescott
- City of Scottsdale
- City of Surprise
- Clarkdale Metals
- Diamond Ventures
- Dibble & Associates
- Diversified Water Company
- DMB
- Douglas Ranch (JDMD)
- El Dorado Holdings, Inc.
- Empire Residential
- EPCOR
- Fain Land and Cattle Company
- FICO
- Fort McDowell Yavapai Nation
- Fucello Architects
- Gallagher and Kennedy
- General Moly, LLC
- Gila Valley Irrigation District
- Global Water
- Greeley and Hansen
- H2O Water Company
- Harvard Investments
- High Chaparral Holdings Ltd. Partnership
- Hilgart-Wilson
- Hualapai Tribe
- Johnson Utilities
- Kimley Horn and Associates
- Lago Del Oro Water Company
- Lake Pleasant Heights
- Landmark Engineering
- Lennar Homes
- Liberty Moly
- Liberty Water Company
- Litchfield Park Service Company
- Lynx Creek Associates
- Mace Truck Washes
- Navajo Nation
- Navajo Tribal Utility Authority
- Newland Company
- Newport Development
- One Camelback, Inc.
- Pima Utilities
- Pivotal Group
- Pueblo of Laguna
- Pulte Homes
- Queen Creek Water Company
- Rainbow Valley
- RBF Consulting
- Recorp
- Ridgeview Water Company
- Robson Communities
- Saddle Brooke Development Co.
- Salt River Project (SRP)
- Santa Cruz Water Company
- Sempra Energy
- Shamrock Water Company
- Standard Pacific Homes
- Stanley Consultants, Inc.
- Stardust Development Co.
- Stone Container Corporation
- Stone Forest Industries, Inc.
- Strickland and O'Hair, P.C.
- Sunbelt Holdings
- The Roston Company
- The Wickenburg Inn
- Town of Chino Valley
- Town of Clarkdale
- Town of Jerome
- Town of Payson
- Town of Prescott Valley
- Tres Rios Consulting Engineers
- Trillium West, L.L.C.
- Vanguard Properties
- Waterworks Engineers
- Wilson & Company
- WLB Group
- Yavapai County
- Yavapai Development Co.
- Yavapai-Prescott Indian Tribe
- Yavapai Ranch
- Young's Farm

