

Career Path Principal Engineering Geologist

“How did I end up here?”

Tom Henderson, PG, CHg

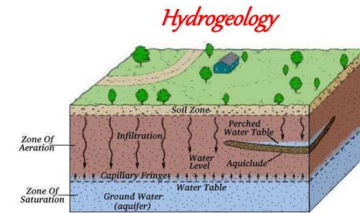
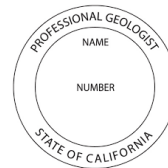
July 25, 2024



Who am I?

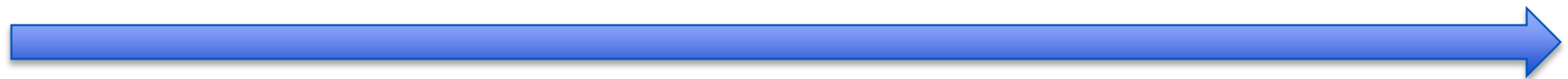
Tom Henderson, PG, CHg – Principal Engineering Geologist

- Responsible for all things related to Groundwater at EMWD
- Early career – Airborne Infantry Officer, US Army
- Civilian career
 - Engineering Geology
 - Hydrogeology
 - 28 years in private sector, 4 years in public sector (EMWD)
- High School – Played sports, had fun, mediocre student
 - Didn't think STEM were within reach
 - Poor study and academic habits
- Military Academy
 - Was responsible for myself and outcomes
 - Excelled in STEM topics
- San Diego State University
 - BS - Engineering Geology
 - MS – Hydrogeology
- Certifications
 - Professional Geologist
 - Certified Hydrogeologist



Key Durable Skills

| Early Career (US Army) | Academics | Professional Career |
|---|--|--|
| <ul style="list-style-type: none">• Leadership<ul style="list-style-type: none">• Decision Making• Risk Management• Leadership Development• Collaboration<ul style="list-style-type: none">• Team Leadership• Coordination• Communication<ul style="list-style-type: none">• Persuasion• Efficiency | <ul style="list-style-type: none">• Growth Mindset<ul style="list-style-type: none">• Self-starter• Goal Oriented• Action Oriented• Fortitude<ul style="list-style-type: none">• Resilience• Tenacity• Persistence• Additional<ul style="list-style-type: none">• Graduate school• 2 children• Worked fulltime | <ul style="list-style-type: none">• Critical Thinking<ul style="list-style-type: none">• Problem Solving• Data Analysis• Research• Communication<ul style="list-style-type: none">• Presentations• Negotiations• Public Speaking• Leadership<ul style="list-style-type: none">• Decision Making• Mentorship• Risk Management |



Personal and Professional Growth over 40 Years