

# Water Authority Position Description

## WATER QUALITY HYDROLOGIST

Status	Position Code	Level	Date
APPROVED	WQHY	P27	Nov 2017

Job descriptions are intended to present a general list of the tasks/duties performed by employees within this job Classification. Job Descriptions are not intended to reflect all duties performed within the job.

### POSITION SUMMARY

MANAGE THE ACTIVITIES OF THE JOINT CITY, COUNTY AND WATER AUTHORITY WATER QUALITY ADVISORY BOARD. COORDINATE ASSIGNED ACTIVITIES WITH INTERNAL STAFF AND OUTSIDE AGENCIES. PERFORM A VARIETY OF TECHNICAL TASKS RELATIVE TO ASSIGNED AREAS OF RESPONSIBILITY.

### MIN EDUCATION & EXPERIENCE REQ

BACHELOR'S DEGREE FROM AN ACCREDITED COLLEGE OR UNIVERSITY WITH MAJOR COURSE WORK IN HYDROLOGY, WATER RESOURCES, BIOLOGY, GEOLOGY OR RELATED ENVIRONMENTAL FIELD, PLUS SEVEN (7) YEARS HYDROLOGY, WATER QUALITY, REMEDIATION, ENVIRONMENTAL, ENGINEERING OR RELATED EXPERIENCE.

### ADDITIONAL REQUIREMENTS

POSSESSION OF, OR ABILITY TO OBTAIN AND MAINTAIN A VALID AUTHORITY OPERATOR PERMIT (AOP)  
POSSESSION OF A VALID NEW MEXICO DRIVER'S LICENSE

### SUPERVISION RECEIVED/EXERCISED

RECEIVE ADMINISTRATIVE DIRECTION FROM THE WATER RIGHTS PROGRAM MANAGER  
MAY EXERCISE DIRECT SUPERVISION OVER SUPPORT STAFF

### ESSENTIAL FUNCTIONS

1. ATTEND AND PROVIDE TECHNICAL AS WELL AS ADVISORY SUPPORT TO THE WATER PROTECTION ADVISORY BOARD (WPAB).
2. IDENTIFY EMERGING TRENDS ON WATER QUALITY ACTIVITIES.
3. PROVIDE GUIDANCE AND PREPARE DRAFT POLICY TO BOARD REGARDING WATER QUALITY PROTECTION AGENDA ITEMS AND RELATED TOPICS.
4. PREPARE WRITTEN REPORTS AND OTHER COMMUNICATION ON A BROAD RANGE OF WATER QUALITY TOPICS.
5. REVIEW AND PROVIDE TECHNICAL COMMENTS ON GROUND WATER CONTAMINATION AND REMEDIATION PLANS.
6. REVIEW AND PROVIDE TECHNICAL ASSISTANCE IN EVALUATING AND DEVELOPING TECHNICAL PLANS FOR SURFACE AND GROUND WATER CONTAMINATION SITES.
7. RESPOND TO DELIVERABLES IDENTIFIED BY BOARD, SUCH AS PROVIDING CURRENT AND EMERGING PRACTICES, ADVICE AND EXPERTISE.
8. COORDINATE AND GUIDE THE POLICY IMPLEMENTATION COMMITTEE AGENCIES WITH ACTIVITIES INCLUDED WITHIN THE WATER QUALITY PROTECTION POLICY AND ACTION PLAN.
9. REPRESENT WATER AUTHORITY AT SENIOR-LEVEL MEETINGS REGARDING WATER QUALITY PROTECTION/AQUIFER CONTAMINATION SITES WITH REGIONAL AND BASIN STAKEHOLDER AGENCIES.
10. PROVIDE WATER QUALITY POLICY GUIDANCE TO NEW MEXICO CONGRESSIONAL DELEGATES THROUGH THEIR STAFF THAT SUPPORT THE INTERESTS OF THE WATER AUTHORITY.
11. OVERSEE AND IMPLEMENT ACTIVITIES IN THE WATER RESOURCES MANAGEMENT STRATEGY RELATED TO WATER QUALITY PROTECTION AND HYDROGEOLOGICAL SERVICES.
12. SUPPORT THE WATER RESOURCES, COMPLIANCE AND OPERATIONS DIVISIONS WITH ENVIRONMENTAL COMPLIANCE ACTIVITIES RELATED TO FEDERAL AND STATE CONTAMINATION INVESTIGATIONS AND REMEDIATION/MITIGATION ACTIVITIES.

#### **SUPPLEMENTAL FUNCTIONS**

1. STAY ABREAST OF NEW TRENDS AND INNOVATIONS IN THE FIELD OF WATER QUALITY.
2. RESPOND TO AND RESOLVE DIFFICULT AND SENSITIVE CITIZEN INQUIRIES AND COMPLAINTS.
3. PERFORM RELATED DUTIES AND RESPONSIBILITIES AS REQUIRED.

#### **PREFERRED KNOWLEDGE**

PRINCIPLES, PRACTICES, AND TECHNIQUES OF ENVIRONMENTAL PLANNING AND PROTECTION  
PERTINENT WATER QUALITY RULES AND REGULATIONS  
ENVIRONMENTAL COMPLIANCES REGULATIONS AND PROCESSES  
METHODS AND TECHNIQUES OF EVALUATING SYSTEM PERFORMANCE AND RECOMMENDING MODIFICATIONS  
PERTINENT FEDERAL, STATE AND LOCAL LAWS, CODES, REGULATIONS AND ORDINANCES

**PREFERRED SKILL/ABILITY**

ANALYZE AND ASSESS PROGRAMS, POLICIES AND OPERATIONAL NEEDS AND MAKE APPROPRIATE RECOMMENDATIONS  
DEMONSTRATE ADVANCED TECHNICAL SKILL AND EXPERIENCE WITH ENVIRONMENTAL PRINCIPLES AND APPLICATIONS  
ANALYZE AND ASSESS PROGRAMS, POLICIES AND OPERATIONAL NEEDS  
IDENTIFY AND RESPOND TO SENSITIVE COMMUNITY AND ORGANIZATIONAL ISSUES, CONCERNS AND NEEDS  
ANALYZE PROBLEMS, IDENTIFY ALTERNATIVE SOLUTIONS, PROJECT CONSEQUENCES OF PROPOSED ACTIONS

**WORKING CONDITIONS**

OFFICE AND FIELD ENVIRONMENT

**PHYSICAL REQUIREMENTS**

MAINTAIN PHYSICAL CONDITION APPROPRIATE TO THE PERFORMANCE OF ASSIGNED DUTIES AND RESPONSIBILITIES SUCH AS: HEAVY, MODERATE OR LIGHT LIFTING, WALKING, STANDING OR SITTING FOR PROLONGED PERIODS OF TIME.  
MAINTAIN EFFECTIVE AUDIO-VISUAL DISCRIMINATION AND PERCEPTION NEEDED FOR MAKING OBSERVATIONS, COMMUNICATING WITH OTHERS, READING AND WRITING.