

# Water Authority Position Description

## ENGINEER ASSISTANT II

Status	Position Code	Level	Date
APPROVED	EAS2	ECL	Oct 2018

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

PARTICIPATE IN WATER/WASTEWATER DESIGN PROJECTS IN SUPPORT OF AN ASSIGNED AREA UNDER THE DIRECTION OF A PROFESSIONAL ENGINEER.

### MIN EDUCATION & EXPERIENCE REQ

BACHELOR'S DEGREE FROM AN ACCREDITED COLLEGE OR UNIVERSITY WITH MAJOR COURSE WORK IN CIVIL ENGINEERING OR RELATED FIELD. TWO (2) YEARS OF PROFESSIONAL ENGINEERING EXPERIENCE DESIRABLE.

### ADDITIONAL REQUIREMENTS

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

### SUPERVISION RECEIVED/EXERCISED

RECEIVE GENERAL SUPERVISION FROM HIGHER LEVEL SUPERVISORY OR MANAGEMENT STAFF.  
MAY EXERCISE SUPERVISION OVER TECHNICAL STAFF AND/OR ASSIGNED CONSULTING STAFF.

### ESSENTIAL FUNCTIONS

1. PERFORM ENGINEERING DESIGN DUTIES INCLUDING CONDUCTING CODE OR CONSTRUCTION PLAN REVIEW, WRITING SPECIFICATIONS AND/OR OBTAINING PERMITS.
2. MAINTAIN PROJECT SCHEDULES AND REPORT THE STATUS OF PROJECTS TO HIGHER-LEVEL STAFF.
3. REVIEW PLANS AND REPORTS FOR CIP CONSTRUCTION. ENSURE COMPLIANCE WITH APPLICABLE RULES, REGULATIONS AND ORDINANCES. RECEIVE AND INVESTIGATE COMPLAINTS. CONDUCT INVESTIGATIONS TO DETERMINE SOURCE OF PROBLEM AND PROVIDE SOLUTIONS.
4. COORDINATE CONSTRUCTION PROJECTS WITH CONSULTANTS TO DETERMINE DESIGN AND SOLUTIONS TO VARIOUS PROBLEMS.
5. RESEARCH AND REVIEW PLATS, EASEMENTS, COVENANTS, REPORTS AND PLANS FOR PROJECTS.
6. RECEIVE AND RESPOND TO COMPLAINTS OR INQUIRIES FROM THE PUBLIC REGARDING PROPOSED PROJECTS.
7. PREPARE A VARIETY OF TECHNICAL, ANALYTICAL AND ADMINISTRATIVE REPORTS WITHIN THE ASSIGNED AREA OF RESPONSIBILITY.
8. RESPOND TO AND RESOLVE DIFFICULT AND SENSITIVE CITIZEN INQUIRES AND COMPLAINTS.
9. SUPERVISE THE WORK OF ASSIGNED CONSULTING STAFF.
10. MONITOR AND TEST VARIOUS PUMP FLOWS AT WELL SITES. EVALUATE WATER LEVEL TRENDS. ENSURE COMPLIANCE WITH ESTABLISHED WATER LEVEL GUIDELINES.
11. ENSURE A SAFE WORK ENVIRONMENT EXISTS WITHIN ALL CONSTRUCTION PROJECTS.
12. INSPECT, APPROVE AND/OR CORRECT WORK ZONE BARRICADES FOR TRAFFIC CONTROL AND PEDESTRIAN ACTIVITIES. COORDINATE THE PLACEMENT OF SIGNS AROUND CONSTRUCTION SITES.
13. PERFORM VARIOUS RESEARCH AND DATA COLLECTION DUTIES WITHIN ASSIGNED AREA. PREPARE ANALYTICAL AND STATISTICAL REPORTS ON OPERATIONS AND ACTIVITIES.

#### **SUPPLEMENTAL FUNCTIONS**

ATTEND AND PARTICIPATE IN PROFESSIONAL GROUP MEETINGS; STAY ABREAST OF NEW TRENDS AND INNOVATIONS IN THE FIELD OF ENGINEERING.

#### **PREFERRED KNOWLEDGE**

PRINCIPLES AND PRACTICES OF CONSTRUCTION  
PRINCIPLES OF BUSINESS LETTER WRITING AND ANALYTICAL REPORT PREPARATION  
PERTINENT FEDERAL, STATE AND LOCAL CODES, LAWS AND REGULATIONS  
WATER AUTHORITY PERSONNEL RULES AND REGULATIONS  
OVERSEE ASSIGNED PROJECT ACTIVITIES.  
REVIEW A VARIETY OF ENGINEERING PLANS AND SPECIFICATIONS FOR COMPLIANCE  
WITH APPLICABLE CODES AND REGULATIONS.  
DETERMINE SOLUTIONS TO ASSIGNED PROJECT PROBLEMS.  
PREPARE A VARIETY OF CLEAR AND CONCISE ANALYTICAL REPORTS.  
UTILIZE COMPUTER PROGRAMS AND SOFTWARE  
RESPOND TO REQUESTS AND INQUIRIES FROM THE GENERAL PUBLIC.  
COMMUNICATE CLEARLY AND CONCISELY, BOTH ORALLY AND IN WRITING.  
ESTABLISH AND MAINTAIN EFFECTIVE WORKING RELATIONSHIPS WITH THOSE  
CONTACTED IN THE COURSE OF WORK.

### **PREFERRED KNOWLEDGE**

OVERSEE ASSIGNED PROJECT ACTIVITIES.  
REVIEW A VARIETY OF ENGINEERING PLANS AND SPECIFICATIONS FOR COMPLIANCE  
WITH APPLICABLE CODES AND REGULATIONS.  
DETERMINE SOLUTIONS TO ASSIGNED PROJECT PROBLEMS.  
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### **PREFERRED SKILL/ABILITY**

OVERSEE ASSIGNED PROJECT ACTIVITIES.  
REVIEW A VARIETY OF ENGINEERING PLANS AND SPECIFICATIONS FOR COMPLIANCE  
WITH APPLICABLE CODES AND REGULATIONS. DETERMINE SOLUTIONS TO ASSIGNED  
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CONTACTED IN THE COURSE OF WORK.

### **WORKING CONDITIONS**

FIELD AND OFFICE ENVIRONMENT; TRAVEL FROM SITE TO SITE; EXPOSURE TO  
NOISE, DUST, GREASE, SMOKE, FUMES, GASES; WORK AROUND HEAVY CONSTRUCTION  
EQUIPMENT

### **PHYSICAL REQUIREMENTS**

MAINTAIN PHYSICAL CONDITION APPROPRIATE TO THE PERFORMANCE OF ASSIGNED  
DUTIES AND RESPONSIBILITIES SUCH AS: WALKING, STANDING OR SITTING FOR  
PROLONGED PERIODS OF TIME; OPERATING MOTORIZED VEHICLES