

THE NAVAJO NATION
Department of Personnel Management
JOB VACANCY ANNOUNCEMENT

REQUISITION NO: EPA01516831

DATE POSTED: 12/28/18

POSITION NO: 948892

CLOSING DATE: 02/12/19

POSITION TITLE: Senior Geologist

DEPARTMENT NAME / WORKSITE: EPA/Waste Regulatory Compliance Department/Window Rock, AZ

WORK DAYS: M-F REGULAR FULL TIME: GRADE/STEP: AS68A

WORK HOURS: 40 PART TIME: NO. OF HRS./WK.: _____ \$ 67,225.60 PER ANNUM

SENSITIVE SEASONAL: DURATION : _____ \$ 32.32 PER HOUR

NON-SENSITIVE TEMPORARY:

DUTIES AND RESPONSIBILITIES:

Conduct geologic field investigations of sites with proposed, operational, and abandoned underground storage tank (UST) and aboveground storage tank (AST) sites. Prepare preliminary geologic and site maps that include the locations of UST's, AST's, piping, dispensers, water sources, buildings, and residential dwellings. Prepare cross sections of geologic units impacted by releases of petroleum from UST's and AST's. Document field observations of domestic water wells, surface spring water, and other sources for potential impacts. Interview/consult with local officials on water well data, subsurface well log data, and construction. Provide technical recommendations to USEPA and other respondents regarding geologic conditions. Propose drilling locations for groundwater monitoring wells (MW's), depths and completion of MW's and selection of completion intervals. Monitor installation and removal of UST's, and AST's. Monitor the installation and operations of approved remedial methodologies to cleanup surface and subsurface soil and groundwater petroleum contamination. Witness and/or participate in collection of well logging and soil and groundwater sampling activities. Prepare reports using GPS and modeling/mapping computer software. Correlate field data based on lithology descriptions. Prepare geologic cross sections and isopach maps of water flow directions using water data locations, develop water flow models and identify and plot plumes of petroleum contamination. Review reports and provide comments on the removal of tanks and all ancillary equipment. Review analytical reports for soil and/or groundwater contamination; make recommendations for remediation and disposal of contaminants. Write Scopes of Work and conduct bidding according to established procedure to secure contracts for remediation every fiscal year or as necessary. Review proposals and provide comments on remedial methodologies to remove contaminants from soil and groundwater, proposed by contractors and monitor implementation of corrective actions. Respond to reported releases from UST's and AST's. Pursue appropriate tribal/federal enforcement actions, monitor return to compliance. Prepare weekly, quarterly, and semiannual reports. Prepare budgets and work plans that define tasks and timeframes for deliverables. Participate in negotiations with USEPA on federal funds and work plans. Identify and attend appropriate technical training and health and safety training. Attend meetings with USEPA, respondents, tribal officials, state/county/federal officials, tank owners/operators, industry consultants, and the Navajo public. Assist with presentations to the appropriate Oversight Committee of the Navajo Nation Council and other standing committees, as appropriate. Assist with technical and regulatory presentations to the regulated community. Negotiate and resolve conflicting issues through development of agreements. Maintain certification to work in hazardous environments. Ensure the integrity of the electronic and paper filing system of reports and other documents. Provide mentorship to other Environmental Specialists.

QUALIFICATION REQUIREMENTS: (Education, Experience and Training)

Minimum Qualifications:

- A Bachelor's degree in Geology, Hydrology or related field; and six (6) years of experience in petroleum and mineral exploration and development or as Geologist or Hydrologist in an environmental field.

Special Requirements:

- A valid state drivers license.
- A favorable background investigation.

(To receive full credit for education, certification, or licensure, transcripts, copies of degrees, certificates, and other appropriate documents must be submitted along with employment application.)

Special Knowledge, Skills and Abilities:

Ideally, preferred qualifications include additional experience with Hydrology rather than only Geology. And 6 years working as a Hydrologist or Geologist in an environmental field and/or a MS in Geology, or MS in Hydrology

THE NAVAJO NATION GIVES PREFERENCE TO ELIGIBLE AND QUALIFIED APPLICANTS IN ACCORDANCE WITH THE NAVAJO PREFERENCE IN EMPLOYMENT ACT AND VETERANS' PREFERENCE.