



Junior/Mid - Level Environmental Scientist

HDR is seeking junior-to mid-level environmental scientists to assist in field data collection efforts for the summer 2022 field season (between July-September). Field work will be based out of Coldfoot, Alaska. Successful candidates will work as a member of a high-performing team on wetland and stream delineations related to the Ambler Access Project. Remote field sites will be accessed by helicopter support and will require up to several miles of pedestrian overland travel each day. Responsibilities will include assisting in technical field data collection of wetland and stream data in remote settings. Field teams will return to base locations at the end of each field day. Other duties may be involved as assigned by the field team lead. Strong attention to detail, ability to work well with others, willingness to perform strenuous work in remote settings in adverse conditions, and a willingness to learn are essential for this position. A strong commitment to safety and quality is required.

Primary Responsibilities

- Support the field team leader in technical wetland and stream data collection in remote settings. Data collection methods will include a combination of digital devices (GPS, iPad) and paper forms.
- Work includes hiking in adverse weather conditions for long periods of time, often on irregular and steep terrain. Conditions can frequently be wet, cold, hot, windy, buggy, and/or densely vegetated. Each field team will be supported by a bear guard.
- Work up to 12-hours a day in the conditions described above for seven (7)-consecutive day periods.
- Ability to dig several soil pits to 20-inches deep using a shovel and carry between 20-30 pounds of field gear throughout each day.
- Have the required personal gear to perform remote field work successfully, including:
 - *Heavy weight rain gear (e.g. Helly Hanson or Grundens)*
 - *Down or synthetic layers*
 - *Thermal layers (synthetic or wool; no cotton)*
 - *Xtratufs or other knee-high waterproof boots*
 - *Hiking socks (synthetic or wool; no cotton)*
 - *Warm hat*
 - *Baseball cap/Sun hat*
 - *Bug jacket*
 - *Bug head net*
 - *Sunglasses*
 - *Waterproof field pack*
 - *Water Bottles*

Required Qualifications

- Bachelor's degree in Natural Resources, Biology, or closely related field
- Ability to work in the conditions and perform the responsibilities described above
- Experience using GPS units and/or iPads for technical data collection purposes
- Strong problem-solving and excellent written and oral communication skills
- Strong attention to detail
- Demonstrated commitment to safety and quality

Desired Qualifications

- General knowledge, practical understanding and previous educational coursework in plant identification, hydrology, soil science and/or geomorphic processes.
- Ability to identify common Alaska plant species and/or characterize hydric soils.
- Previous experience using the U.S. Army Corps of Engineers *1987 Wetland Delineation Manual* and *2007 Alaska Regional Supplement* to conduct wetland delineations or assist in data collection.