

Expeditioner Band 2.5 (APS 6) – Environmental Remediation Specialist

Classification	Expeditioner Band 2.5 (APS6) - \$102,380 pa
Total Remuneration	\$172,917 pa (When in Antarctica/sub-Antarctic, inclusive of Antarctic Allowances)
Division	Australian Antarctic Division
Branch	Science
Section	Environmental Stewardship
Location	Kingston, Tasmania and Antarctic/sub-Antarctic deployment
Employment Status	Non-Ongoing (temporary)
Hours	Full-time (37.5 hours per week)
Security Clearance	Not Required

WHO WE ARE – Australian Antarctic Division (AAD)

The AAD is part of the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW). As primary agency for Australia's Antarctic Program (AAP), the AAD is responsible for achieving the Australian Government's Antarctic goals to:

- maintain the Antarctic Treaty System and enhance Australia's influence within it
- protect the Antarctic environment
- understand the role of Antarctica in the global climate system
- undertake scientific work of practical, economic and national significance.

THE JOB

The Expeditioner – Environmental Remediation Specialist will work as part of a multidisciplinary team environmental scientists and engineers in support of two Australian Antarctic Science projects: *Reducing Environmental Impacts at Contaminated Sites in Antarctic (AAS #4503) and A Cleaner Antarctica (AAS #4622)* within the Environmental Stewardship Program (Science Branch). These projects undertake on-site assessment, remediation and monitoring of human impacts in Antarctica (primarily contamination) while also leading the Australian Antarctic Science Program's scientific effort in contaminated site investigations, contaminant risk assessments and remediation research.

The Expeditioner – Remediation Specialist will be required to participate in field programs at Australia's Antarctic and/or sub-Antarctic stations for up to 5 months at a time. The nature of Antarctic operations means that the timing and duration of deployment can be changeable. Flexibility in circumstance will be necessary for applicants successful in the role.

You should apply for this role if you have the appropriate knowledge, skills and experience and an interest in the challenge of living and working in a small community in a remote environment.

Applicants will be assessed and if successful placed in a role for training and deployment, or a merit pool that will be used for future seasons.

Key duties will include, but are not limited to:

Under the direction of the Project Field Leader and Environmental Remediation and Restoration Lead, the Expeditioner – Environmental Remediation Specialist will safely and efficiently:

- AAD wide and project specific training in Tasmania prior to departure.
- Participate in, and at times lead, detailed safety discussions for a small agile team working within a complex operating environment.
- Operate and maintain the project's bespoke containerized contaminated water treatment system for petroleum and inorganic compound treatment:
 - Daily inspection and maintenance of remediation infrastructure;
 - Inspection and collection of biopile leachates and in ground extraction wells at contaminated and post-clean up sites;
 - Maintenance of pumps and water storage systems;
 - Maintenance of in-line contaminant monitoring and analytical equipment;
 - Analytical testing of water and treatment efficacy.
 - Winterisation of water treatment systems and remediation equipment.
- Support project team including dedicated plant operators with biopile operations, decommissioning activities, barrier containment research studies, closing out contaminated sites.
- Support project team with use of bespoke steam drill and hot water drill for ice boring and remediation activities at contaminated fuel spill and waste sites. This includes understanding and leading safe operation of equipment and efficient transport to site and from sites.
- Support research and engineering projects in collaboration with university partners (including PhD students).
- Liaise with station personnel regarding project support coordination.
- Conduct other field and lab related tasks as directed by the Project Manager – Remediation, Field Leader or delegate.

Preference will be given to those applicants holding an approved engineering or science degree relevant to polar environmental remediation and site assessment and/or highly relevant technical skills.

WHAT WE ARE LOOKING FOR - ESSENTIAL

Required Identification/Qualification/Licence/Ticket	When you need to provide evidence	
	Provide copy with application	obtained prior to job commencement
Driver's licence – Current, unrestricted "C" class (manual) Australian driver's licence	✓	✗
Citizenship - In accordance with the PS Act 1999, APS employees are required to be Australian citizens. Persons who are not Australian citizens will generally only be considered where there are no suitable Australian applicants, with next considerations being Australian residents with work rights and New Zealand citizens.	✓	✗

Valid Passport - The expiry date of the passport (and any relevant visa) must be at least 6 months beyond the planned end date of your intended stay in the Antarctic or sub-Antarctic	x	✓
Provide First Aid (HLTAID011) must be valid for at least 18 months beyond the date of AAD commencement.	x	✓
Provide CPR (HLTAID009) must be valid for at least 6 months beyond the date of AAD commencement	x	✓

Knowledge and experience:

- Relevant experience working on treatment of water and contaminant removal in particular related to petroleum contaminated site remediation or contaminated sites assessment projects.

WHAT WE ARE LOOKING FOR – HIGHLY DESIRABLE**Knowledge and experience:**

- Relevant experience within the last 5 years working in an operational or field role with applied science teams from the Australian Antarctic Program or another National Antarctic Program.
- Experience working in petroleum contaminated sites or on contaminated sites projects. Remote area experience is an advantage.
- Training and experience in operating heavy vehicles, loaders, and / or telehandlers

ELIGIBILITY AND OTHER REQUIREMENTS**Personal Qualities:**

During the recruitment selection process, the AAD assesses individual personal qualities required to successfully live and work in an isolated Antarctic/sub-Antarctic community. Successful candidates need to demonstrate the personal qualities detailed [here](#).

Pre-employment check:

Your suitability for employment will be assessed through pre-employment screening including National Police Check, referee checks, pre-employment medical assessment, specified mandatory qualification(s) validation and completion of required probation period.

Work Health and Safety Obligations:

All employees have a duty to take reasonable care of their own health and safety while at work, to ensure their acts or omissions do not adversely affect the health and safety of other persons in line with any reasonable instruction given to comply with the Work Health and Safety legislation.

RecruitAbility:

Under the [APS \(Australian Public Service\) RecruitAbility scheme](#) you will be invited to participate in further assessment for the vacancy if you choose to apply under the scheme; declare you have a disability; AND meet the minimum requirements for the position.

HOW TO APPLY

Information about how to apply can be found [here](#), including further information about AAD jobs.