



Australian Government

NWPSOU012 Monitor, inspect and report catchment operations

Release: 1

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Modification History

Release	Comments
1	This unit was released in NWP Water Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to NWP240B Inspect and report catchment and surrounding areas. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • Unit title changed to better reflect unit outcomes • One new Element added • PC 1.3 removed • three new PC added to Element 1 • two new PC added to Element 2

Application

This unit describes the skills required to inspect and monitor catchment areas, monitor flows and coordinate catchment processes. The ability to collect data and samples, monitor and adjust regulatory systems, identify and investigate catchment problems and produce technical reports is essential to performance.

This unit applies to those working as field staff with a specific responsibility for inspecting, monitoring and reporting catchment operations.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to, particularly those related to WHS.

Those undertaking this unit would work under indirect supervision while performing routine tasks ensuring minimum damage to the environment, in a familiar context. The level of responsibility may vary according to the size and complexity of the catchment area.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Source

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Inspect and monitor catchment operations	1.1 Identify and apply work requirements for undertaking inspections of catchments and surrounding areas. 1.2 Schedule routine inspections of catchment areas to identify water quality risks. 1.3 Inspect and monitor designated locations according to agreed schedule and procedures. 1.4 Inspect flow regulating systems and determine required adjustments to meet demand. 1.5 Select, fit and use required safety equipment, including personal protective equipment.
2. Operate and report catchment conditions	2.1 Measure and record catchment inflows and outflows or extractions. 2.2 Collect and record water samples according to sampling requirements. 2.3 Identify organisation standards for the condition and maintenance of catchment environment. 2.4 Identify and report changes to environmental conditions. 2.5 Identify and report flows into, and conditions of, catchment areas.
3. Assist in investigating hazards, risks and catchment security	3.1 Identify and report activities within catchment that pose a hazard or risk to the public, water quality or the environment. 3.2 Identify and report activities of external parties within the catchment and surrounding area that breach organisational guidelines. 3.3 Check and confirm public complaints and report to relevant personnel.
4. Complete documentation	4.1 Collect and analyse catchment data. 4.2 Review and action investigation results. 4.3 Compile reports from catchment inspections.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to NWP240B Inspect and report catchment and surrounding areas.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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