NWPIRR062 Develop and review irrigation system management plan

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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 NWP531B Develop and review irrigation system management plan. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required to develop and review the operation and maintenance of irrigation systems, including system performance analysis, customer liaison and planning.

This unit applies to those working as managers in water organisations with responsibility for the management of the irrigation system.

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.

Those undertaking this unit would work autonomously, with supervision responsibility, performing sophisticated tasks in a range of contexts.

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

Competency Field

Irrigation

Elements and Performance Criteria

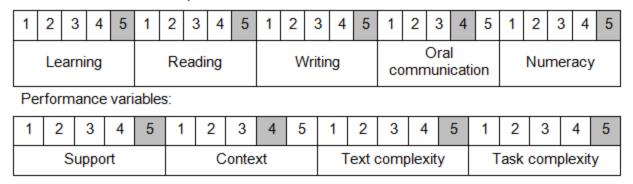| ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used,

outcomes	further information is detailed in the range of conditions section.
1. Plan and prepare for management of the irrigation system	1.1 Determine and interpret water quantity and quality requirements including release and flow rates. 1.2 Access and interpret historic system capacity information. 1.3 Identify and access legislative, organisational and environmental requirements and system constraints that impact on the delivery of irrigation water.
2. Develop an irrigation system management plan	2.1 Identify and interpret irrigation system management requirements. 2.2 Identify and validate customer requirements for irrigated culture. 2.3 Consult stakeholders, or their representatives, and obtain input for the management plan. 2.4 Develop and record an irrigation system management plan.
3. Review and refine the irrigation system management plan	3.1 Monitor outcomes of the operations and maintenance evaluations and incorporate into the system management review. 3.2 Review objectives of the management and implementation plans. 3.3 Make recommendations for changes to plan objectives and operational and maintenance procedures. 3.4 Provide advice and guidance to stakeholders.

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 NWP531B Develop and review irrigation system management plan.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037

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