



Australian Government

NWPNET009 Develop and manage a wastewater collection plan

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Application

This unit involves the skills and knowledge required to develop and manage a wastewater collection plan.

It includes planning, developing, implementing, monitoring and evaluating the operation and maintenance of wastewater systems. It also includes reporting on implementation of the plan including system performance analysis, stakeholder and customer liaison.

This unit applies to leaders with responsibility for implementing wastewater collection management plans. Those undertaking this unit would work autonomously, leading staff, while performing sophisticated tasks in a range of familiar contexts.

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

Pre-requisite Unit

Not applicable.

Competency Field

Networks

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan for wastewater collection

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Identify, interpret and synthesise historic wastewater collection system information relevant to the management process

- 1.2 Identify and analyse legislation, workplace procedures environmental requirements and system constraints impacting wastewater collection
 - 1.3 Identify and interpret wastewater collection and transport system specifications including regulatory requirements, industry standards and workplace procedures
 - 1.4 Identify hazards, assess risks and implement control measures according to workplace procedures
 - 1.5 Identify and analyse stakeholder requirements impacting wastewater collection
 - 1.6 Confirm performance measures for the wastewater collection plan
 - 1.7 Identify and define available resources against wastewater specifications
 - 1.8 Determine responsibilities and timelines for implementation activities
- 2 Develop wastewater collection plan**
 - 2.1 Apply system specification requirements for waste water collection planning according to relevant legislation, industry standards and workplace procedures
 - 2.2 Assess public health, environmental and community factors impacting the wastewater collection system
 - 2.3 Analyse performance data and incorporate into plan development
 - 2.4 Design and implement monitoring and testing programs according to the objectives of the wastewater collection plan
 - 2.5 Develop and document a plan for managing wastewater collection
- 3 Implement wastewater collection plan**
 - 3.1 Provide advice and guidance to plan users and stakeholders according to regulatory requirements and workplace procedures
 - 3.2 Manage resources to achieve the objectives of the wastewater collection plan
 - 3.3 Operate the system according to the wastewater

- collection plan and regulatory requirements
- 4 Monitor and evaluate wastewater collection plan**
- 4.1** Evaluate collection of wastewater from customers by identifying, investigating and reporting deviations from agreed service levels
 - 4.2** Plan and oversee system maintenance according to the wastewater collection plan
 - 4.3** Analyse and interpret monitoring and testing results and report according to regulatory requirements and workplace procedures
 - 4.4** Investigate current and identify potential problems and report results and recommendations according to regulatory requirements and workplace procedures
 - 4.5** Evaluate maintenance budgets, activity programs and output target measures and identify, investigate and report deviations from target
 - 4.6** Identify and record links between operational problems and maintenance activities
 - 4.7** Investigate breaches of usage provisions and report results and recommendations according to regulatory requirements and workplace procedures
 - 4.8** Identify and evaluate system changes to the wastewater collection plan according to changes in regulatory and stakeholder requirements
 - 4.9** Modify and implement the wastewater collection plan, incorporating accepted recommendations
- 5 Review and refine plan**
- 5.1** Review objectives of wastewater collection and implementation plans
 - 5.2** Make recommendations for changes to plan objectives and operational and maintenance procedures
 - 5.3** Implement outcomes from audits and internal reviews

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This is a new unit. No equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet -

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