



Australian Government

NWPNET065 Perform odour and infiltration investigations

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 perform odour and infiltration investigations.

It includes investigating and reporting odours and infiltration problems in the wastewater collection and transfer systems. It also includes resolving wastewater system problems, operating technical equipment and preparing technical reports.

This unit applies to those working as field and operational staff, with a specific responsibility for ensuring odour and infiltration problems are identified and remedied. Those undertaking this unit would work under appropriate supervision, while performing routine tasks in a familiar context, and ensuring minimum damage to the environment.

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 Prepare for infiltration detection

PERFORMANCE CRITERIA

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

1.1 Determine worksite boundaries and infiltration detection requirements from plans, specifications and instructions

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| | 1.2 | Conduct risk assessment for environmental and safety factors, including personal protective equipment (PPE), to ensure it is safe to commence work |
| | 1.3 | Select and check infiltration equipment according to workplace procedures |
| | 1.4 | Determine work requirements for the maintenance and repair of assets from work drawings, plans, specifications and instructions |
| | 1.5 | Identify, notify and communicate with customers according to workplace procedures |
| 2 Investigate odour and infiltration complaints | 2.1 | Investigate root cause of odour and determine appropriate remedial action |
| | 2.2 | Recommend actions to control odour within the network asset systems |
| | 2.3 | Report findings according to workplace procedures |
| 3 Operate infiltration detection equipment | 3.1 | Operate infiltration equipment according to workplace requirements |
| | 3.2 | Determine the location of infiltration and mark according to testing outcomes and workplace procedures |
| | 3.3 | Restore worksite according to workplace procedures |
| 4 Review, report and record work | 4.1 | Tag and report faulty equipment and tools and advise appropriate personnel |
| | 4.2 | Store equipment, tools and materials according to manufacturer and workplace procedures |
| | 4.3 | Complete and process workplace records according to workplace procedures |

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.

Non-essential conditions may be found in the NWP National Water Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to NWPNET035 Perform odour and infiltration investigations.

Links

Companion Volume Implementation Guides are found in VETNet -

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