



Australian Government

NWPTRD002 Evaluate, implement and monitor high risk trade waste discharge approvals

Release: 1

NWPTRD002 Evaluate, implement and monitor high risk trade waste discharge approvals

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 NWP551A Evaluate, implement and monitor high-risk trade waste discharge approvals. - Unit code updated - Content and formatting updated to comply with the new standards - All PC transitioned from passive to active voice - All PC in Element 1 revised - PC 3.3 and 3.4 merged

Application

This unit describes the skills required to assess and process applications for high risk trade waste discharges from large and complex industrial organisations, monitor compliance with the trade waste approval, and issue, renew, amend, suspend or revoke trade waste discharge approvals.

This unit applies to those working as trade waste officers or inspectors with a specific responsibility for managing applications and approvals for high risk liquid trade waste discharges to wastewater collection systems from large and complex industrial organisations.

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 while performing sophisticated tasks in mostly familiar contexts.

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

Competency Field

Trade waste

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. Advise customers on trade waste approval procedures	1.1 Answer customer queries regarding applications for high risk trade waste approval. 1.2 Advise customer of the procedures involved in processing, approving and monitoring trade waste applications.
2. Evaluate trade waste discharges for new types of industries and/or processes	2.1 Identify significant pollutants generated. 2.2 Identify, interpret and assess information about known impacts, risk assessments and control. 2.3 Identify trade waste management processes and workplace procedures. 2.4 Develop and check contingency plans. 2.5 Prepare trade waste management policies and plans.
3. Assess applications for high risk trade waste discharge approvals	3.1 Assess applications to establish that all necessary documentation has been provided. 3.2 Assess applications against concentration, mass and flow limits, discharges of prohibited substances, local sewerage issues and consider environmental issues. 3.3 Assess proposed pre-treatment systems, monitoring, control systems and procedures for suitability. 3.4 Assess the adequacy of chemical storage, handling and spill prevention as appropriate. 3.5 Schedule and conduct on-site inspections.
4. Implement approved trade waste discharge applications	4.1 Determine approval conditions on the basis of assessments and discuss with the applicant. 4.2 Calculate estimates of charges and discuss with the customer according to established charging policies and formulae. 4.3 Monitor construction and commissioning activities to ensure compliance with approvals. 4.4 Determine monitoring activities and schedules and discuss with the customer. 4.5 Create and maintain database records, including charging parameters and monitoring schedule.
5. Monitor customer trade waste treatment and disposal and	5.1 Conduct routine monitoring of the compliance of customer trade waste treatment and discharge according to the trade waste approval and organisational requirements. 5.2 Establish processes to identify and report non-compliances with

review trade waste approval	trade waste approvals. 5.3 Identify and implement enforcement measures and processes to manage identified non-compliances.
------------------------------------	---

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 NWP551A Evaluate, implement and monitor high-risk trade waste discharge approvals.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for NWPTRD002 Evaluate, implement and monitor high risk trade waste discharge approvals

Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- interpreting and reviewing hydraulic, architectural and site plans
- calculating estimates for charges
- identifying and evaluating trade waste producing processes
- interpreting and applying legislation and policies applicable to trade waste
- using personal protective equipment for protection against physical, chemical and biological hazards
- advising customers of the trade waste management policies and procedures in operation and of requirements for obtaining and complying with trade waste discharge approvals
- assessing and evaluating applications for high risk trade waste treatment and disposal
- implementing charging and monitoring procedures
- completing records and reports

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- relevant legislation, policies and procedures
- water quality parameters of significance to the wastewater system
- personal protection and safety precautions for wastewater sampling, including the requirement for relevant inoculations including:
 - Q fever
 - hepatitis A & B

- polio
- tetanus
- diphtheria
- industrial waste treatment methods and processes for high risk industrial organisations
- hydraulics, chemistry and/or equivalent science
- basic knowledge of wastewater collection, treatment and disposal systems
- investigation procedures
- range of appropriate measuring, testing sampling procedures
- customer expectations and requirements
- WHS

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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