

<b>Title:</b>	WT2.02 Analyse Samples from Water Systems on Site	
<b>Level:</b>	2	
<b>Credit Value:</b>	2	
<b>Learning outcomes</b>	<b>Assessment criteria</b>	
1. Follow organisational procedures relating to analysis of samples from water systems on site	1.1. Work safely at all times 1.2. Comply with the health, safety and environmental requirements set out by the organisation relevant to the site 1.3. Follow the organisational procedures that are appropriate to the operation being undertaken	
2. Prepare to analyse samples from water systems on site	2.1. Identify tests to be completed in accordance with the programme control measures 2.2. Establish that all the required resources are available and correctly prepared in accordance with company operating procedures 2.3. Ensure that testing equipment is in a serviceable condition and has been calibrated correctly 2.4. Identify any unserviceable test equipment and report according to agreed procedure	
3. Analyse samples from water systems on site	3.1. Establish that the relevant controlled conditions for testing are confirmed 3.2. Identify that the correct sample has been selected 3.3. Handle and use test samples safely in accordance with company operating procedures 3.4. Ensure that the equipment used to prepare the sample is operated in accordance with company operating procedures 3.5. Establish the identity of the	

	<p>sample and check its integrity</p> <p>3.6. Identify that the relevant controlled conditions for sample preparation are present</p> <p>3.7. Identify and store test samples correctly until required</p> <p>3.8. Establish that the effects of the test on the immediate environment have been taken into account</p> <p>3.9. Prepare and test samples in accordance with company operating procedures</p> <p>3.10. Record any deviations from set procedure using documentation and take the action appropriate for the deviation</p> <p>3.11. Deal with any waste material in accordance with company operating procedures</p> <p>3.12. Clean, store and maintain any equipment and materials that are to be re-used</p> <p>3.13. Handle and dispose of any other equipment and materials safely and correctly</p>
<p>4. Complete the analysis of samples from water systems on site</p>	<p>4.1. Perform calculations following set procedures</p> <p>4.2. Record information and data according to company operating procedures</p> <p>4.3. Complete the correct documentation in accordance with company operating procedures</p> <p>4.4. Provide the documentation to the relevant people</p> <p>4.5. Ensure the workplace is left as originally found</p>
<p>5. Know how to follow organisational procedures</p>	<p>5.1. Explain personal and legal responsibilities with regard to health and safety in the working area</p>

	<p>5.2. Describe how working practices ensure that the working environment is conducive to good health</p> <p>5.3. Describe what the approved codes of practice/working practices relevant to the operation are and why it is important to follow them</p> <p>5.4. Explain when a work task risk assessment should be completed and how to ensure that one has been completed</p> <p>5.5. Explain how they would know if specific site requirements are in place and what they would do to comply with them</p> <p>5.6. Explain the company procedures relevant to the analysis of samples from water systems on site</p>
<p>6. Know how to prepare to analyse samples from water systems on site</p>	<p>6.1. Explain how and where to identify programme design and control measures</p> <p>6.2. Describe what tests are to be completed</p> <p>6.3. Explain what resources are required and available to complete the analysis involved</p> <p>6.4. Explain how to prepare, check, calibrate and use test equipment in accordance with company operating procedures</p> <p>6.5. Explain how to identify and report defective test equipment</p> <p>6.6. Describe when and how to take action in the event of deviations</p>
<p>7. Know how to analyse samples from water systems on site</p>	<p>7.1. Explain why controlled testing conditions are important</p> <p>7.2. Describe how to control testing conditions</p> <p>7.3. Describe what methods of sample preparation to use</p>

	<p>7.4. Outline what safe storage methods for test samples can be used</p> <p>7.5. Explain how to check the integrity and identity of samples</p> <p>7.6. Describe how to prepare and test samples in accordance with company operating procedures</p> <p>7.7. Explain how to calculate test results in accordance with company operating procedures</p> <p>7.8. Explain why it is important to clean, store and maintain any equipment and materials that are to be re-used</p>
8. Know how to complete the analysis of samples from water systems on site	<p>8.1. Explain the importance of completing relevant documentation legibly and accurately</p> <p>8.2. Describe what methods to use for the safe disposal of materials and waste</p> <p>8.3. Describe how to present the test result information and who the relevant people are to receive the information</p> <p>8.4. Explain why it is important to leave the workplace clean and tidy</p>
Additional information about the unit	
Unit purpose and aim(s)	This unit addresses the skills and knowledge required to prepare for and analyse samples from water systems on site.
Unit expiry date	31/07/2016
Details of the relationship between the unit and relevant national occupational standards or other professional standards or curricula (if appropriate)	This unit covers the skills and knowledge requirements of NOS "Analyse Samples from Water Systems on Site".
Assessment requirements specified by a sector or regulatory body (if	This unit is subject to the requirements set out in the Cogent SSC Assessment

appropriate)	Strategy.
Endorsement of the unit by a sector or other appropriate body (if required)	Cogent SSC
Location of the unit within the subject/sector classification system	2.1 , 4.2
Name of the organisation submitting the unit	PAA\VQ-SET
Availability for use	Restricted unit
Unit available from	
Unit guided learning hours	8