

Contaminated soil Proficiency Test (QDJM-5/2026) Participant Guide

 **Sampling Date: 29th September 2026**

 **Location: Hejőpapi Regional Waste Treatment Landfill**

Before attending the proficiency test, please ensure that you:

- ✓ **Bring your routine soil sampling equipment (due to the extreme dryness of the soil, a spade and a soil auger are also required for sampling)**
- ✓ **Arrive at least 20 minutes before your allocated time**
- ✓ **Follow all health and safety requirements**
- ✓ **Prepare for composite sample preparation from 5 sampling points**
- ✓ **Bring any equipment required by your routine sampling procedure**

1. BEFORE YOU ARRIVE

Sampling takes place at the Hejőpapi I. Waste Treatment Center. Participants perform contaminated soil sampling using their own routine procedures and equipment. Five sampling locations are marked on-site. Participants will prepare a composite sample and three laboratory samples

Equipment required

- ☐ **Field footwear suitable for uneven terrain**
- ☐ **Rubber boots in wet weather**
- ☐ **Soil sampling equipment**

2. ARRIVAL AND REGISTRATION

 **Arrival:** please arrive at least **20 minutes** before your scheduled sampling time to allow registration and distribution of sampling materials. Parking guidance will be available on site.



Registration: at the QualcoDuna reception point you will:

- Register your attendance
- Receive the sampling kit (bottles)
- Receive sampling and further assignment information



Preparation for sampling

Sampling is organised in 20-minute intervals between 08:00 and 15:00. Participants have been informed of their allocated intervals in advance

Please check your assigned interval group and respect your allotted time slot.

Adherence to the assigned schedule is essential!

Participants missing their assigned interval will be reassigned only where feasible. There is no guarantee that an alternative sampling interval will be available immediately upon arrival.

3. SAMPLING

Sample Collection

Participants shall:

- Collect samples from 5 marked sampling points
- Sample at 20–30 cm depth
- Prepare one composite sample
- Prepare three laboratory samples from the composite sample
- Follow your routine sampling procedure
- Use your own equipment

Important

Sampling holes must not be reburied after completion of sampling.

4. MEASUREMENTS

The subcontracted laboratory is Eurofins Environmental Testing Hungary Ltd.

Evaluation of sampling performance will be based on the following parameters (by using parameters that are present in detectable amounts in the soil:

- As
- Cd
- Co
- Cr
- Cu
- Mo
- Ni
- Pb
- Zn

5. PREPARATION OF SAMPLES

Labelling Requirement

Containers must be labelled with:

- ✓ Participant name

Do not use:

- ✗ PT sample code
- ✗ Laboratory code

6. Sample Submission

At the end of sampling submit to QualcoDuna

- Two complete sample sets
- Original sampling report

One of the submitted sample sets will be stored by the Proficiency Testing Department at a controlled temperature of 4 ± 3 °C. These retained samples serve as reserves for potential re-analysis in the event of any discrepancies or issues identified during the initial testing.

Keep for Your Records

Participants retain one complete sample set, which may be analysed by their own laboratory if desired. This analysis is optional.

7. EVALUATION

The final assessment includes:

Laboratory Parameters

- As
- Cd
- Co
- Cr
- Cu
- Mo
- Ni
- Pb
- Zn

The calculation of the overall WAAZ value and the performance evaluation are carried out using the parameters listed above that are present in detectable quantities in the soil and can be measured.

Technical Contact

Dr. Norbert Mátrai

 +36 30 453 9471

 +36 1 872 3742

 info@qualcopt.eu

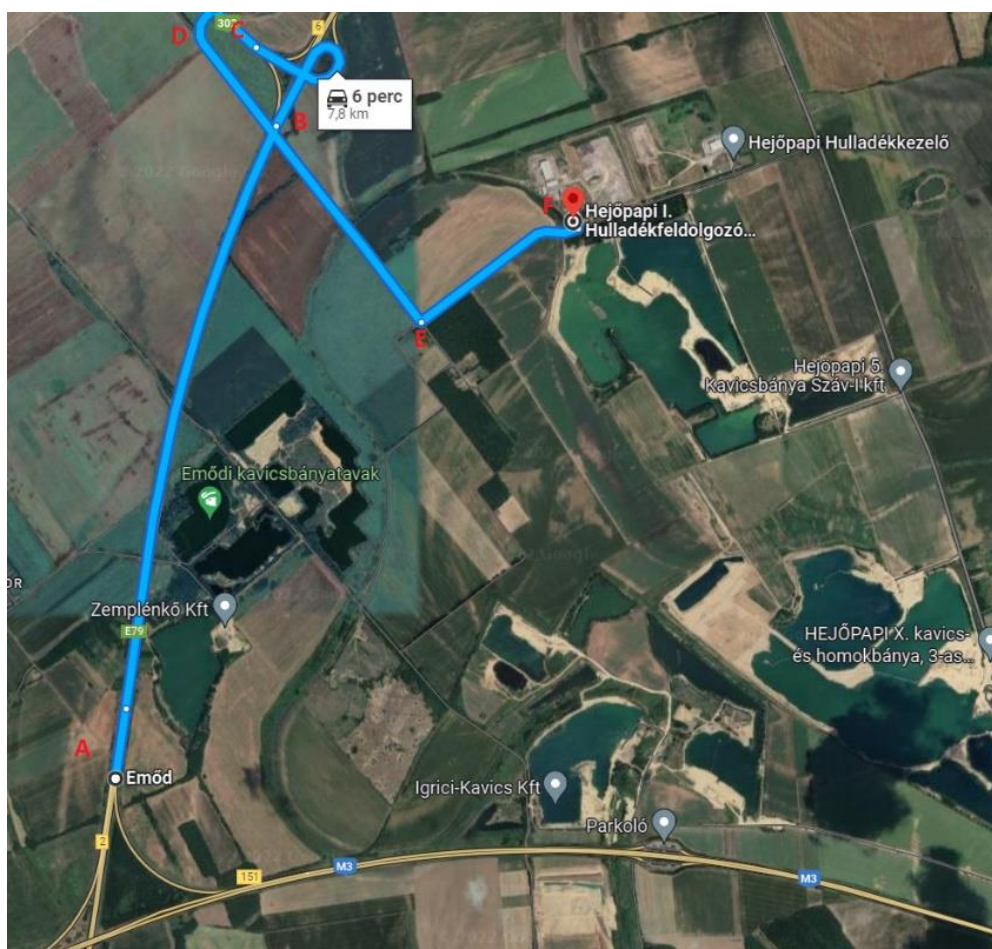
APPENDIX

Sampling location – map and photo documentation

The wastewater sampling location is indicated on the map below. The blue line marks one of the possible access routes to the work area labeled “F” (Hejőpapi I. Hulladékfeldolgozó Központ telephelye).

Point “A” marks Exit 151 of the M3 motorway, leading toward the E71/E79/M30 route (Miskolc/Slovakia). After exiting the motorway, continue approximately 2 km and turn off at Exit 6 (“B” point) toward Emőd, onto Route 302. Follow Route 302 for approximately 3 km until reaching an intersection, where the Highway Engineering Depot (Autópálya Mérnökség) is located on the right-hand side (“C” point). At this intersection, turn left. After approximately 120 meters, the road curves to the left, and a dirt road branches off to the right (“D” point). Continue on the paved road to the left. Passing the “PRIVATE ROAD!” (MAGÁNÚT) sign, you will arrive at the intersection marked “E”, where you should turn left and proceed to the work area labeled “F”.

The work area marked “F” is accessible by passenger car even after rainfall. For sampling, we recommend wearing stable, field-appropriate footwear such as sturdy shoes or boots; in rainy conditions, rubber boots are advised.



Proficiency testing provider organisation accredited by NAH under No NAH-8-0003/2023.

„C” point: (turn left; on the right side is the Highway Engineering Depot (Autópálya Mérnökség)):



„D” point: (keep left):



Proficiency testing provider organisation accredited by NAH under No NAH-8-0003/2023.

„E” point (keep left):



„F” point, entry to the site:



Proficiency testing provider organisation accredited by NAH under No NAH-8-0003/2023.

Please do not drive onto the site! Parking is available off-site, where we will also be able to hand over the sampling units.

Change control

Version No	Date	Description of changes
1	03.09.2026	first release