Miroslav Fanta

30th March 2020

UWWTD reporting in CDR

11th reporting call under the UWWTD -

- data preparation and reporting process

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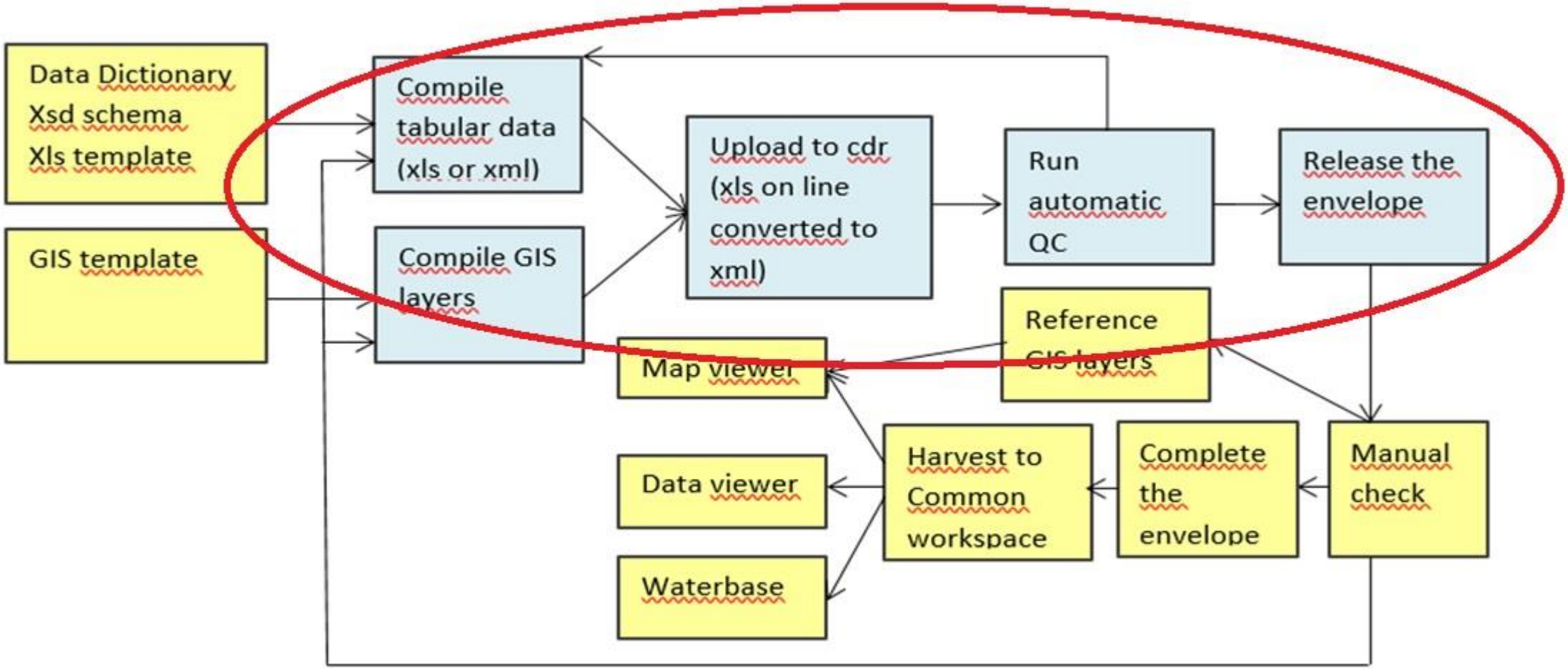
Main steps of UWWTD reporting



Data preparation

- CDR help pages for Art.15 and Art. 17

  http://cdr.eionet.europa.eu/help/UWWTD/UWWTD_613

  http://cdr.eionet.europa.eu/help/UWWTD/UWWTD_524
- Data Dictionary instructions
- Use 2019 xls (xsd) templates
- 2019 update of QA rules
- Other documents
- -> fill the templates for both articles with your data

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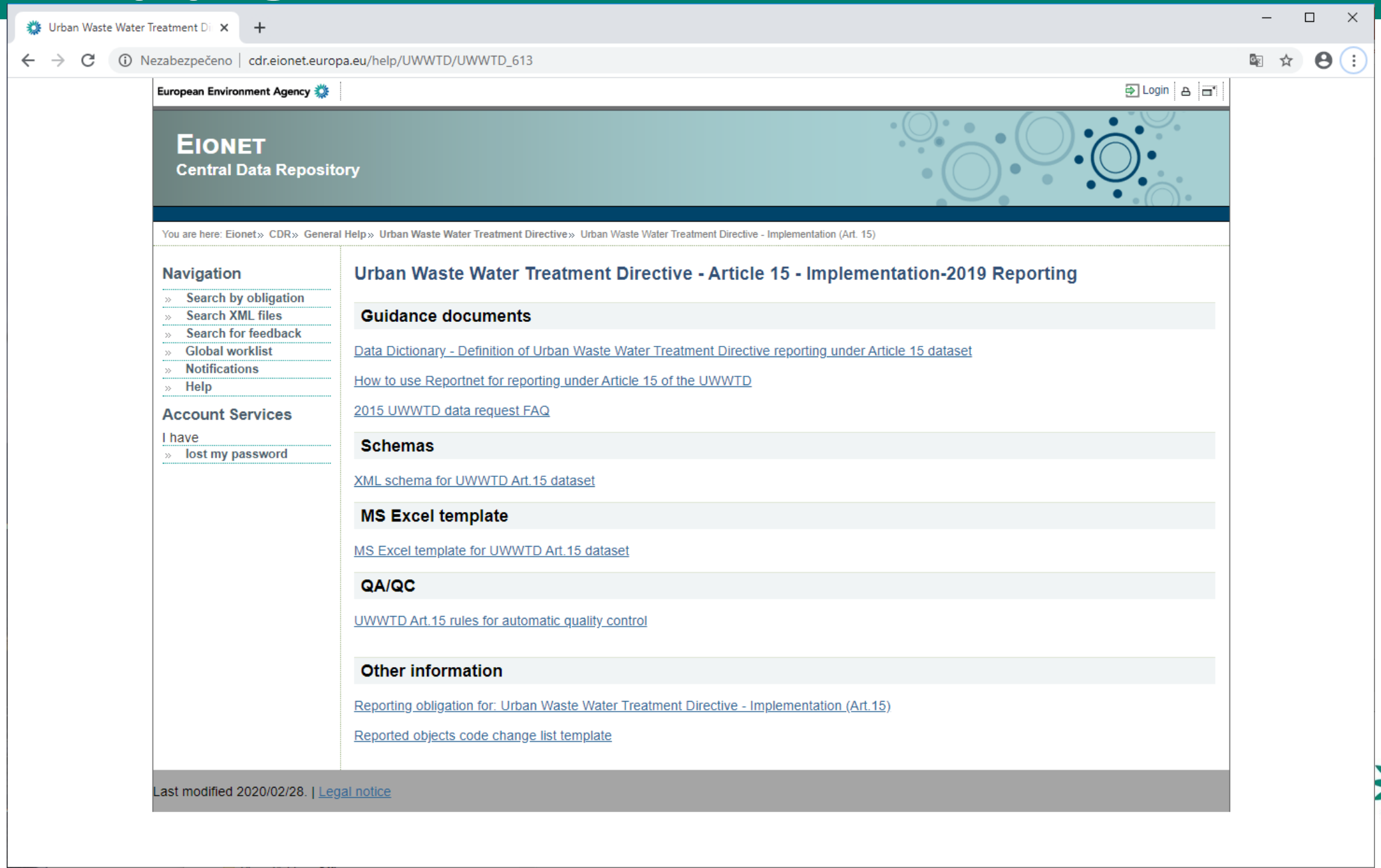
CDR help pages



Reporting process – authorised reporters

- Data can be reported by authorised reporters only
- Each nominated reporter has to be approved by „WISE – National reporting coodinator“ for given country
- Nomination of the new reporter: send the request to the e-mail address *uwwtd.helpdesk@eionet.europa.eu*

  (copy to your „WISE – National reporting coodinator“)
- As soon as the new reporter is added to the list of UWWTD country reporters on EIONET, appropriate access rights are granted

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Reporting process – data upload on CDR

- cdr.eionet.europa.eu/{cc} *({cc} = country code)*
  (cdrtest.eionet.europa.eu/{cc} => e.g. cdrtest.eionet.europa.eu/cz)
- Login *(upper right corner)*
- -> EU obligations folder
- -> Art. 15: Urban Waste Water Treatment Directive 91/271/EEC – Implementation
- -> Art. 17: Urban Waste Water Treatment Directive 91/271/EEC – National Implementation Programme

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Reporting process – data upload on CDR (2)

- Create new envelope *(use easily understandable title)*
- Open the envelope
- Activate task
- Browse for template filled with the data
- Upload the data file *(possible to restrict from public view)*
- xls file is automatically converted to xml during upload

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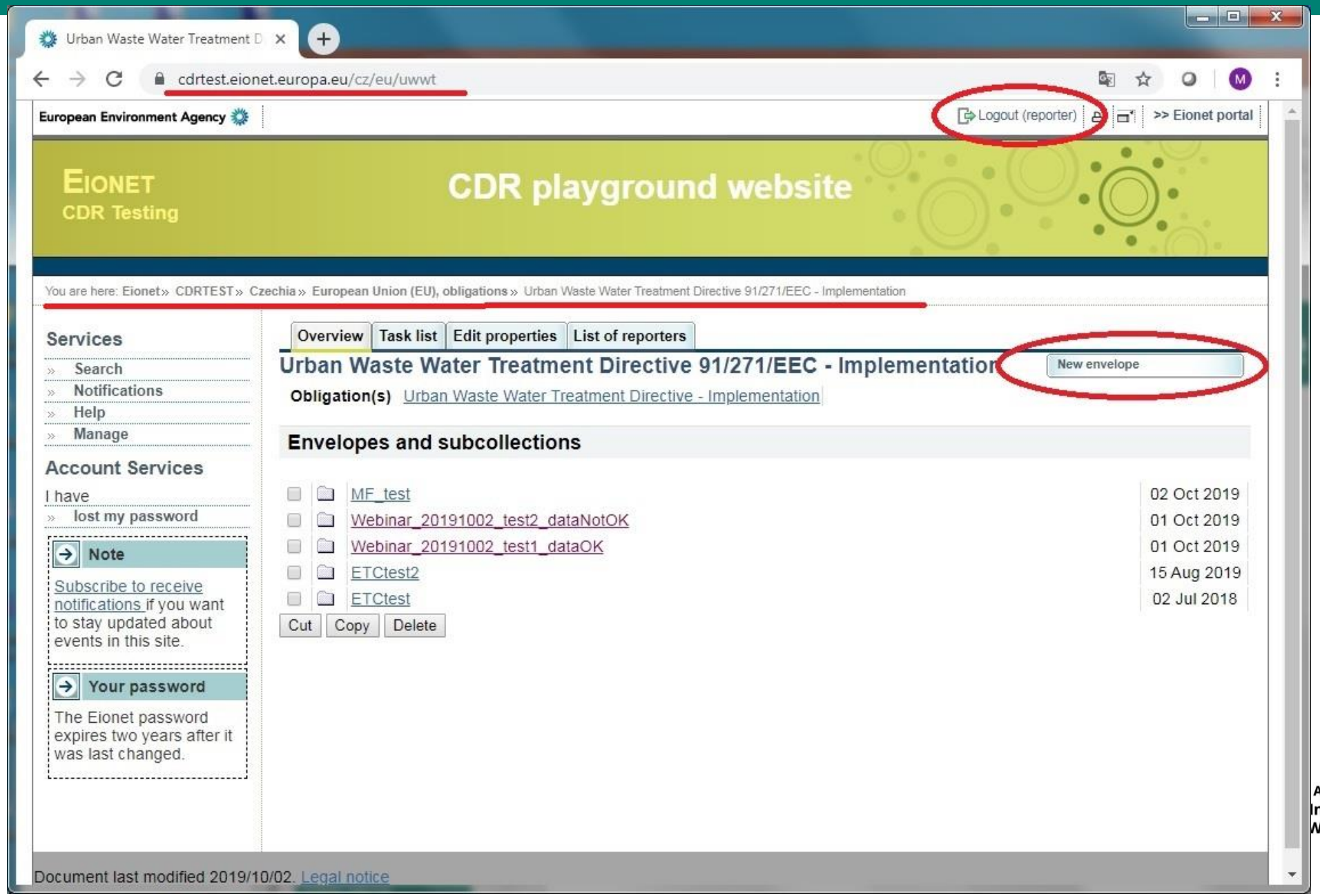
Data upload on CDR – envelope 1



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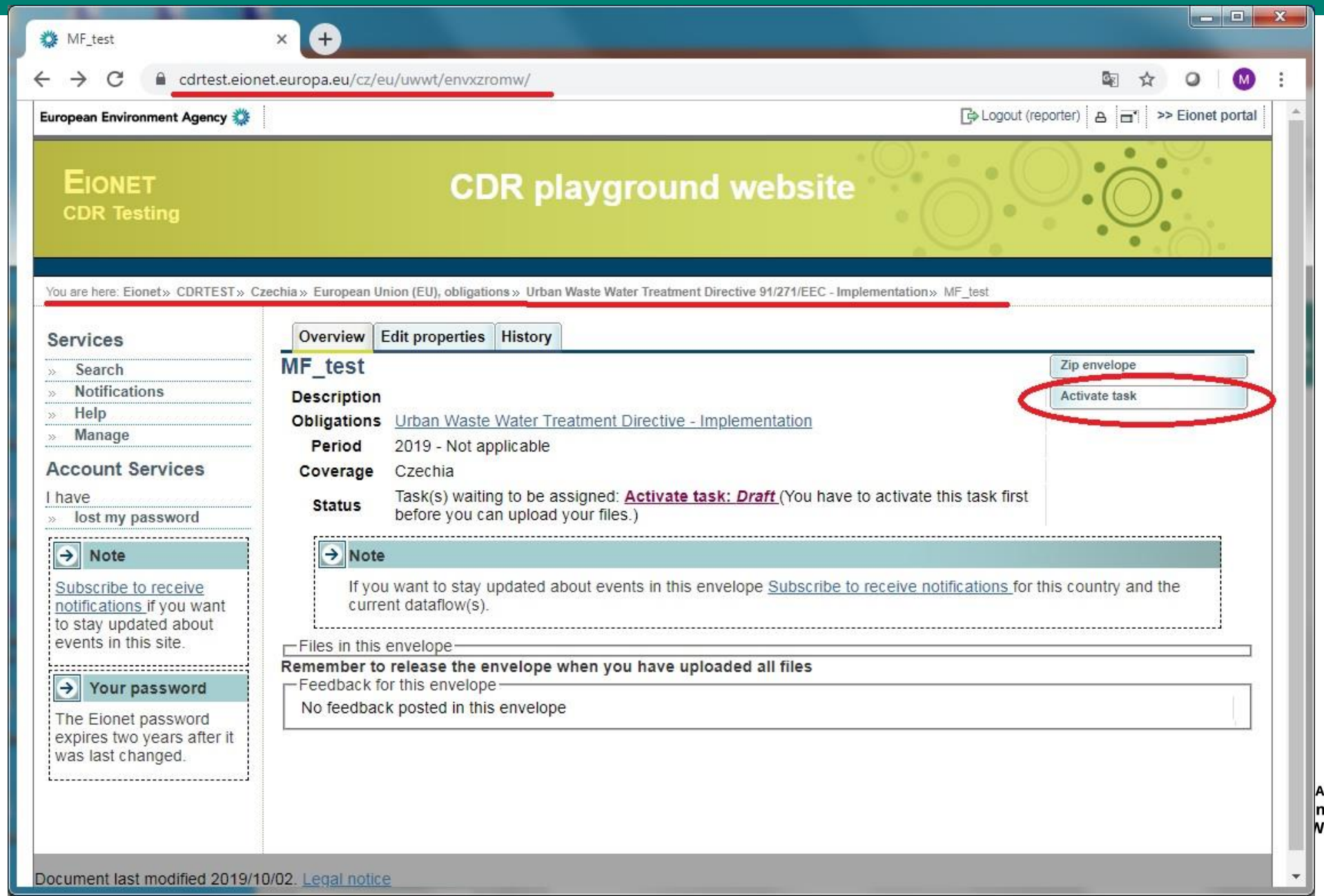
Data upload on CDR – envelope 2



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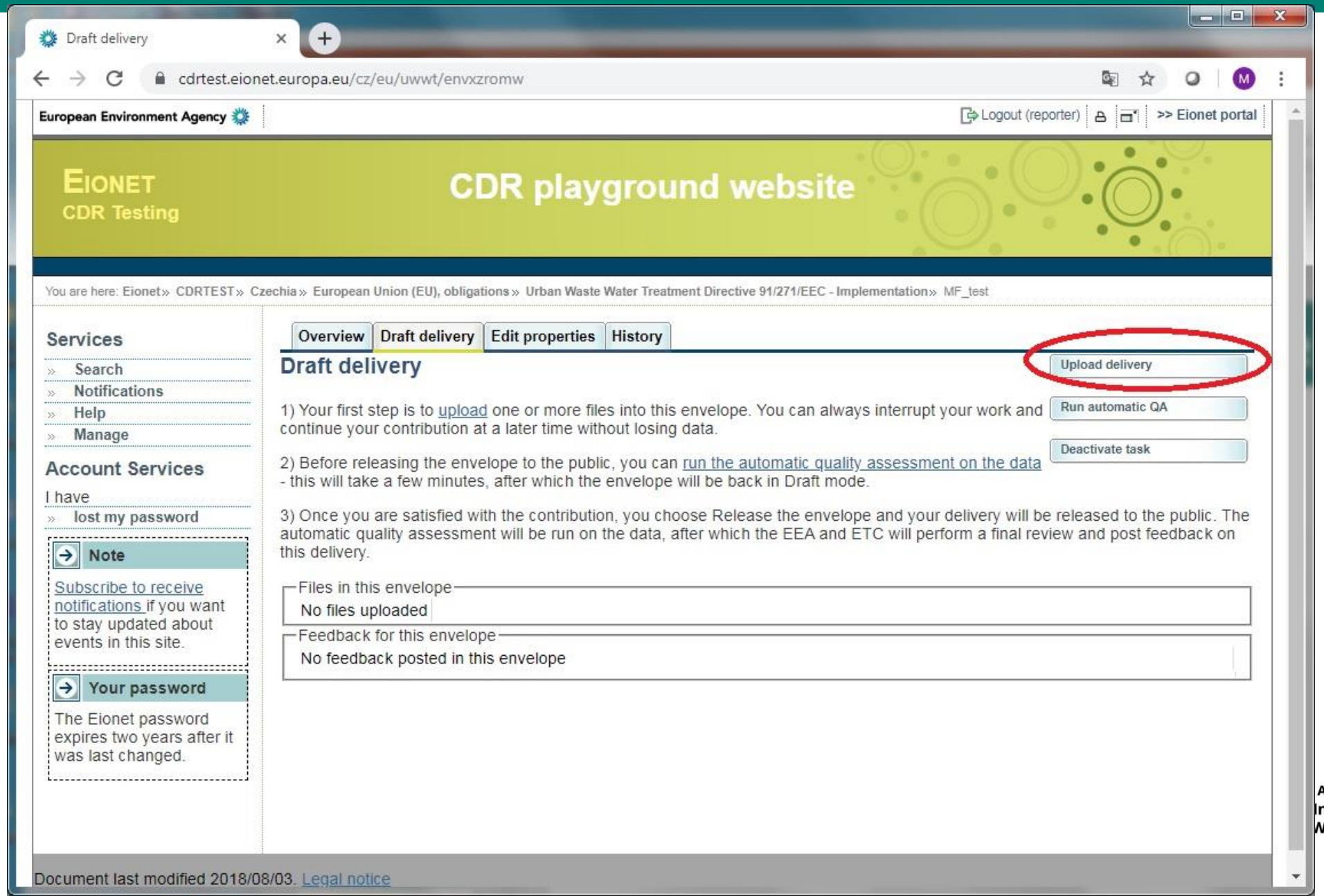
Data upload on CDR – envelope 3



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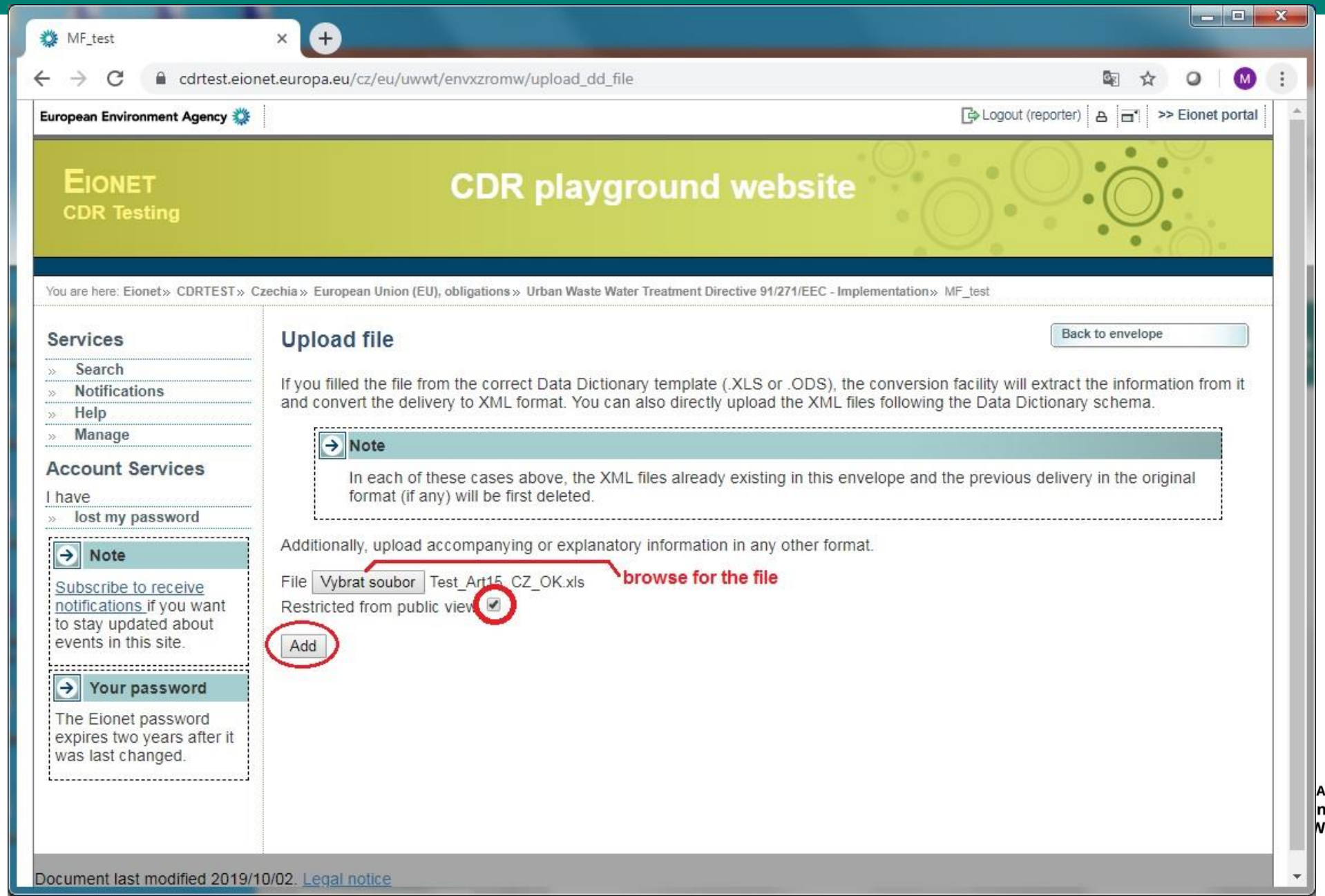
Data upload on CDR – envelope 4



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Reporting process – data quality checking

- Quality checking : „Run automatic QA“ button
- Check the results
- 4 levels of QA outputs: blocker, error, warning, info
- Correct data if necessary
- Delete the data files containing errors from the envelope, Re-upload the corrected data
- Repeat quality checking

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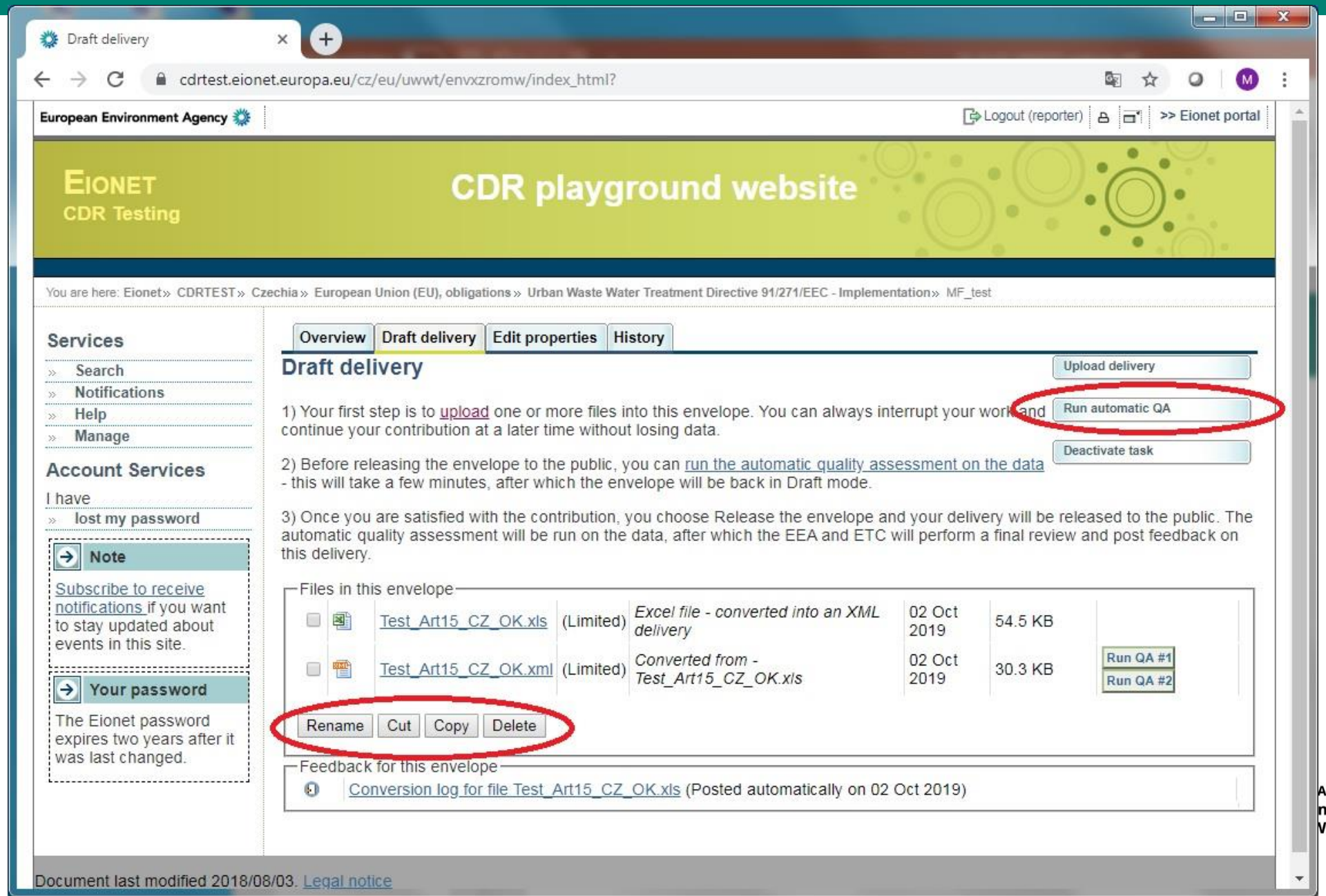
Data upload on CDR – data quality checking 1



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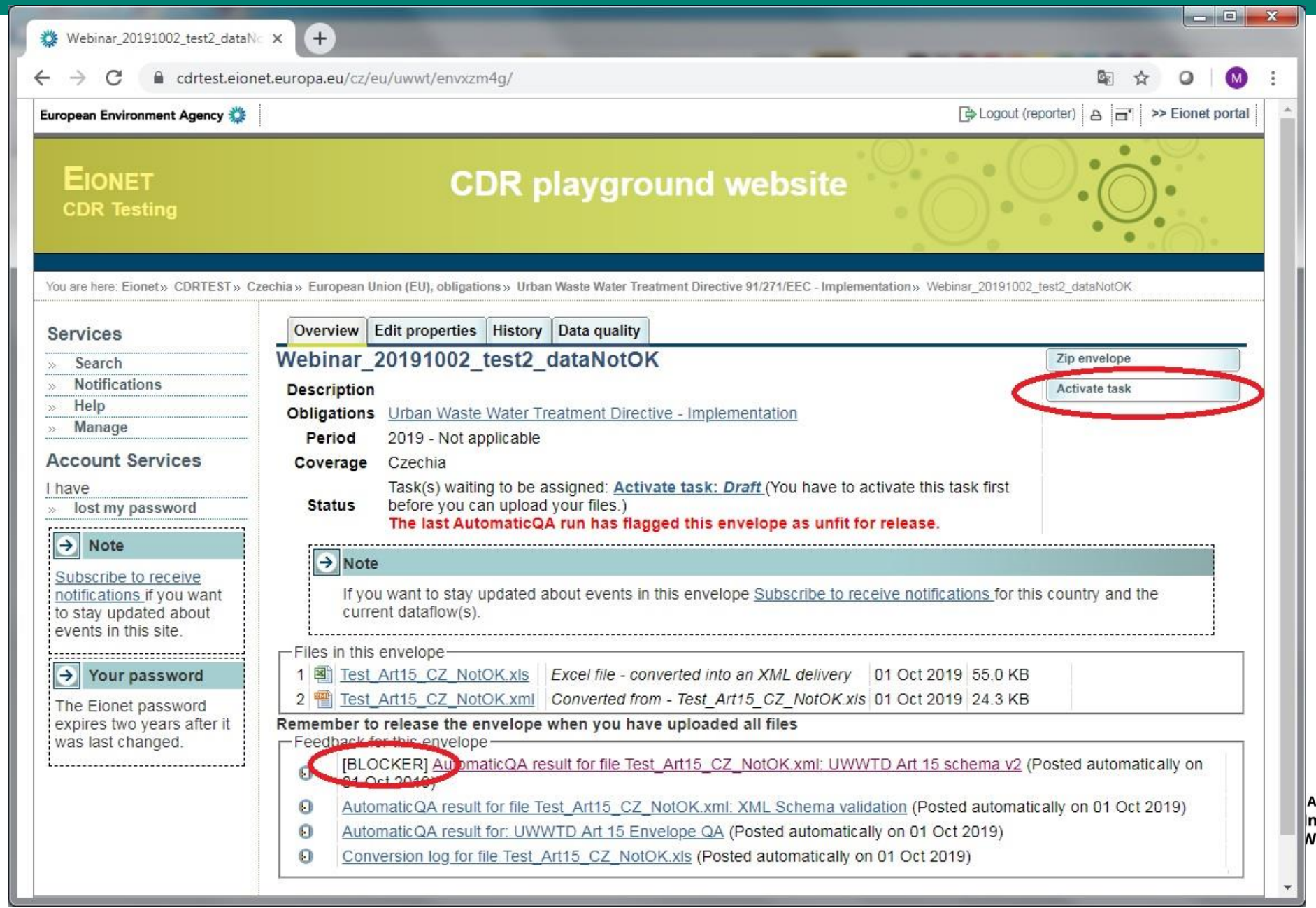
Data upload on CDR - data quality checking 2



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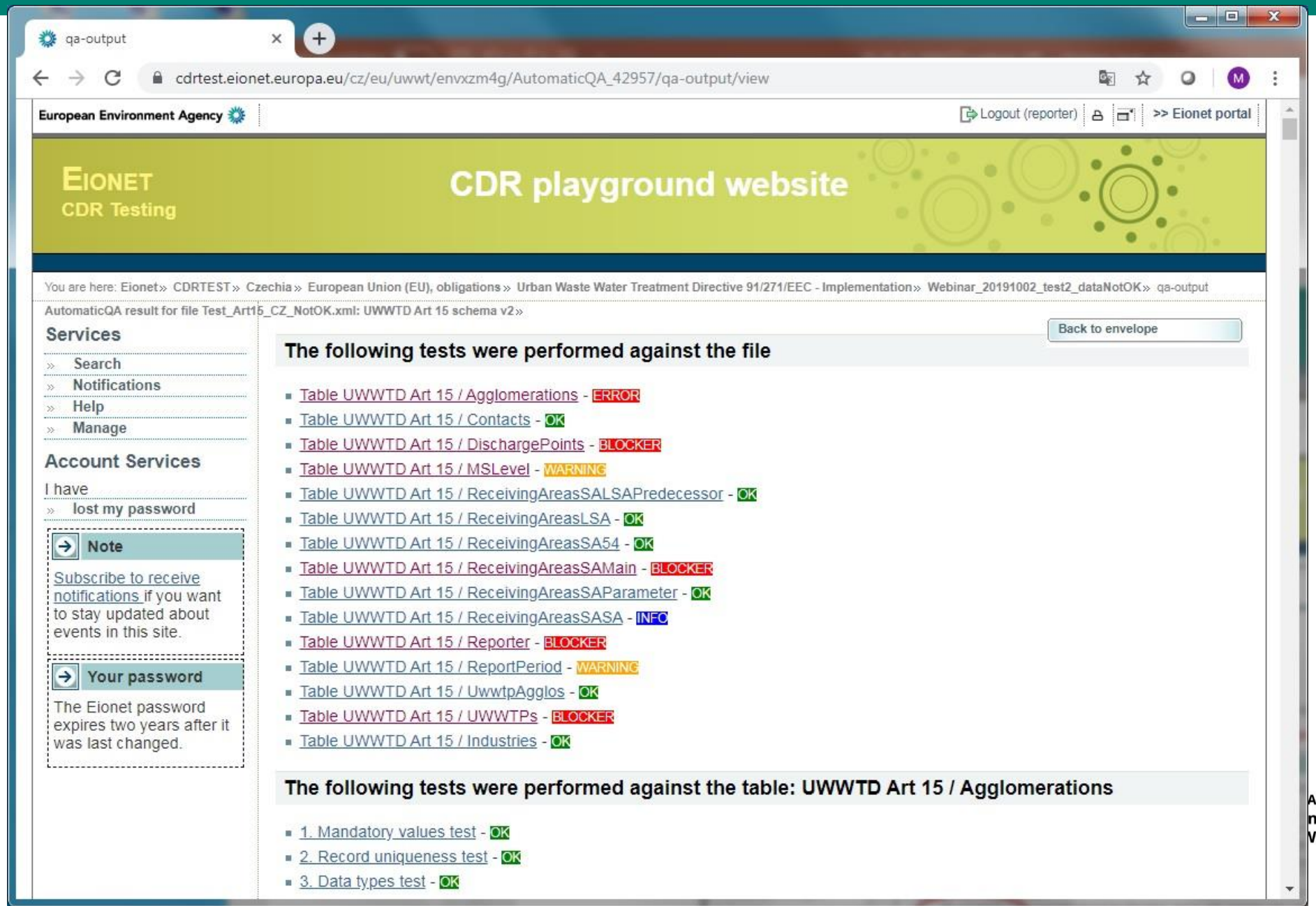
Data upload on CDR - data quality checking 3



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Data upload on CDR - data quality checking 4

et.europa.eu/cz/eu/uwwt/envxvxgfa/AutomaticQA_50095/qa-output/view#dpqc10

OK - data passed the test.

The following tests were performed against the table: UWWTD Art 15 / DischargePoints

- 1. Mandatory values test - OK
- 2. Record uniqueness test - OK
- 3. Data types test - OK
- 4. Valid codes test - OK
- 5. Identifier format test - OK
- 6. Date value tests - OK
- 7. Coordinates test 1 - OK
- 8. Coordinates test 2 - OK
- 9. Additional Codes format test - OK
- 10. Discharge point to UWWTP or collecting system link test - BLOCKER
- 11. Receiving area rcaCode presence test - OK
- 12. Valid codes for WFD RiverBasin Districts test - WARNING
- 13a. WFD ID presence test I - WARNING
- 13b. WFD ID presence test II - WARNING
- 14. Discharge points to Receiving areas link test -
- 15. Discharge points to receiving water link test - INFO
- 16. UWWTP to receiving area uniqueness test - OK
- 17. Receiving area type consistency test - ERROR
- 18. Purpose of discharge completeness test - OK

europa.eu/cz/eu/uwwt/envxvxgfa/AutomaticQA_50095/qa-output/view#dpqc10

10. Discharge point to UWWTP or collecting system link test

Tested whether all active discharge points are linked to active UWWTP or collecting systems reported in the template UWWTPs. The test returns all discharge points, for which a link to wastewater treatment plant/collecting system has not been reported.

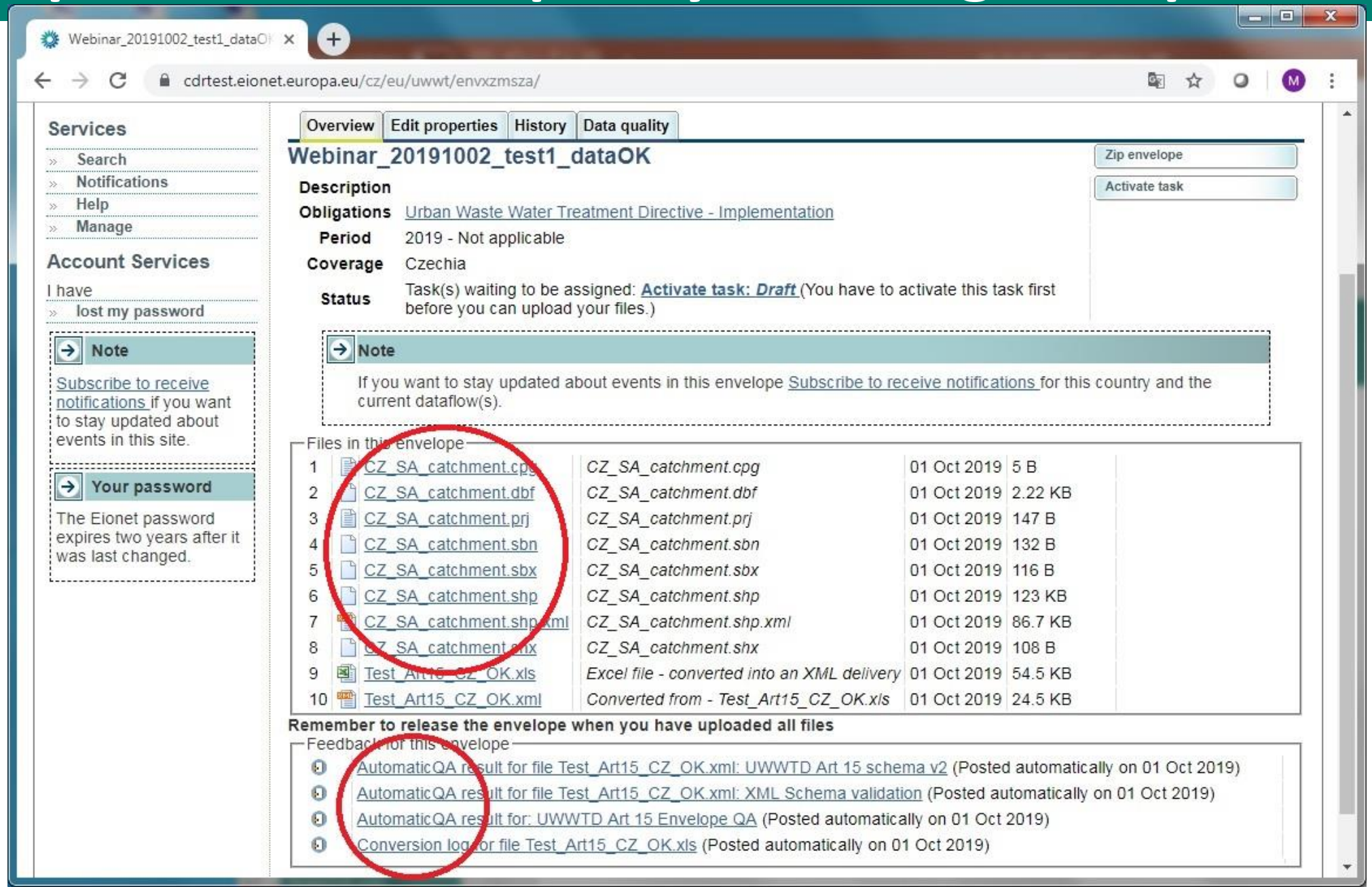
BLOCKER - some of the active discharge points are missing link to reported UWWTP or collecting systems.

2 records detected.

Hide all records

Row	dcpCode	dcpState	uwwCode	dcpName
10	CZDP124114	1	CZ1100-730106-00064581-4/1U	Praha - UCOV;124114
398	CZDP510702	1	CZ6201-600041-00279889-4/1U	Adamov - COV;510702

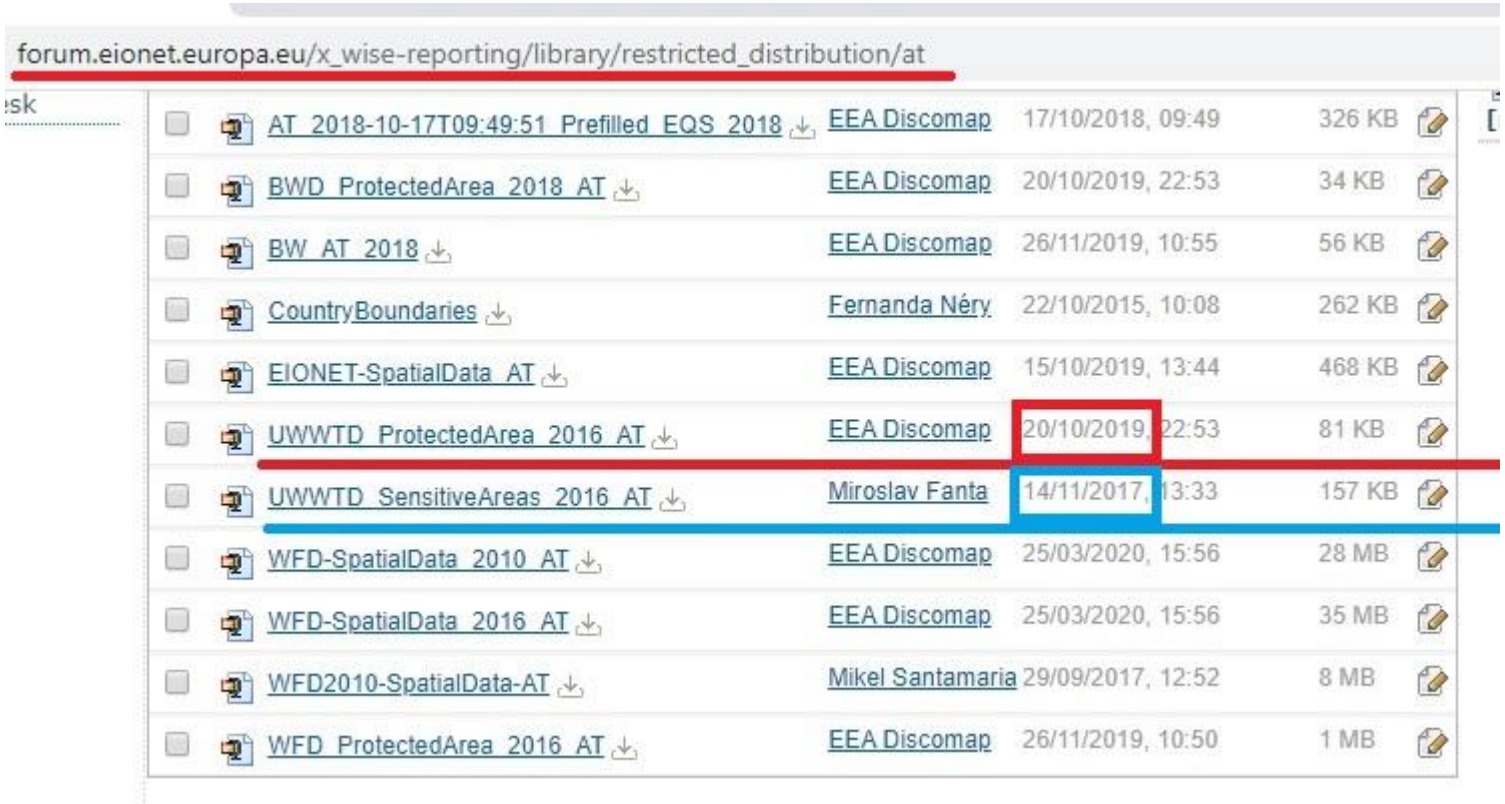
Data upload on CDR - quality checking OK, spatial data



Reporting process – spatial data templates

„**Reporting under the WISE Water Directives and WISE SoE**“ interest group on EIONET Forum

-> WISE restricted access area -> Login -> country folder (AT, CZ, ..)



„WFD-like“ data structure, output of 10th reporting, uploaded in Oct. **2019**, **template for 11th (= current) reporting**

„Pre-existing“ UWWTD spatial data structure, output of 9th reporting, uploaded in Nov. **2017**, **template for 10th reporting**

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Reporting process – spatial data – WFD-like structure

WFD-like template „**UWWTD_ProtectedArea_2016_{CC}.zip**“

contains shapefiles: ProtectedArea *(polygon data)*

ProtectedAreaLine *(line data)*

(ProtectedAreaPoint)

attributes important for data selection in these shapefiles:

- **spZoneType**

  polygons: *catchmentOfSensitiveArea, lakeSensitiveArea, coastalSensitiveArea, transitionalSensitiveArea, lessSensitiveArea, (riverSensitiveArea)*

  lines: *riverSensitiveArea, coastalSensitiveArea, lessSensitiveArea*

- **statusCode**

  selection of currently valid data:

  statusCode in ('valid', 'stable', 'experimental')

  resp.

  (statusCode = 'valid' OR statusCode = 'stable' OR statusCode = 'experimental')

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Reporting process – spatial data – pre-existing UWWTD structure

Each delivered shapefile / feature class contains one type of sensitive area

- catchment *(polygons)*
- coast area *(polygons)*
- coastline *(lines)*
- lake *(polygons)*
- river *(lines)*
- transitional water *(polygons)*

resp. one type of less sensitive area

- coast area *(polygons)*
- coastline *(lines)*
- transitional water *(polygons)*

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Reporting process – spatial data – use of the template

- Select currently valid data from the template
- Update them if necessary
- **Ensure consistency of identifiers of spatial objects** *(receiving / sensitive areas)* **available in spatial and tabular data**
- Keep proper data specification *(spZoneType: rivers / lakes / TW / coastL / coastA / catchments / …)* and data type *(lines / polygons)* as requested
- Upload your updated spatial data to the Art. 15 envelope
- **Preferred structure:** follow the the WFD-like template and shapefile names
- Accepted as well: the „pre-existing“ UWWTD structure: individual shapefiles / feature classes divided by type of sensitive area (less sensitive area)

Reporting process – spatial data – naming conventions

WFD-like structure:

use the shapefile names ProtectedArea, ProtectedAreaLine, *(ProtectedAreaPoint)*

zip all shapefiles to the file UWWTD_ProtectedArea_2018_{CC}.zip

(e.g. UWWTD_ProtectedArea_2018_AT.zip)

„pre-existing“ UWWTD structure: shapefile or feature classes names:

- {CC}_SA_catchment *(e.g. AT_SA_catchment) (polygons)*
- {CC}_SA_coastA *(polygons)*
- {CC}_SA_coastL *(lines)*
- {CC}_SA_lake *(polygons)*
- {CC}_SA_river *(lines)*
- {CC}_SA_TW *(polygons)*
- {CC}_LSA_coastA *(polygons)*
- {CC}_LSA_coastL *(lines)*
- {CC}_LSA_TW *(polygons)*

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Reporting process – final step

- No blockers *(if possible, no errors as well)* -> Release the envelope)

after that, the quality control process is automatically repeated once more

- Contact UWWTD helpdesk in case of any problems *(uwwtd.helpdesk@eionet.europa.eu – afterwards, the issue is managed through OTRS system)*
- *EIONET helpdesk also available (e.g. EIONET account problems - helpdesk@eionet.europa.eu)*

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- Thank for your attention

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- Caroline Whalley (EEA)

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