

projekt	IS-ZBERVAK		
časť			
		Ref. Číslo	XML-3v02-ZBERVAK.docx
Dokument	Popis zmien xml formátu pre IS ZBERVAK	Zo dňa	29.11.2023

IS ZBERVAK

popis zmien XML formátu k 1. 1. 2024

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1. Výpis zmenených xml súborov jednotlivých formulárov

p3_pe_a4_vz_min_rozb_meta.xml

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<dt_datum_rozboru_min_rozb/>
<nf_minr_hlinik/>
<nf_minr_chut/>
</data>

```

Možnosť porovnať obsah Vášho novovytvoreného XML s testovacím *p3_pe_a4_vz_min_rozb-0660_1Q2024_3042100110002_2024_04_15-16_30-ldTest.xml*, ktoré si stiahnete z https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_a4_vz_min_rozb-0660_1Q2024_3042100110002_2024_04_15-16_30-ldTest.xml. Následne pravým tlačidlom myši „Save as“ alebo „Uložiť ako“.

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p3_pe_a5_vz_upl_rozb_meta.xml

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<heslo>varchar(40)</heslo>
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<dt_obdobie>varchar(50)</dt_obdobie>
<id_prevadzkovatel> int(11) c_prevadzkovatel</id_prevadzkovatel>
<nl_id_vz>varchar(20) c_vodne_zdroje</nl_id_vz>
<sv_nazov_vz>char(200)</sv_nazov_vz>
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<sv_ident_odberm_upl_rozb>varchar(20) c_odberne_miesta</sv_ident_odberm_upl_rozb>
<sv_typ_vzorky>varchar(20) c_vzorky</sv_typ_vzorky>
<sv_cislo_vzorky>varchar(50)</sv_cislo_vzorky>
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<nf_uplr_kult_mikroorg_36>float(13,5)</nf_uplr_kult_mikroorg_36>
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 <nf_uplr_benzo_pyren>char(20)</nf_uplr_benzo_pyren>
 <nf_uplr_mikrocystin>varchar(20)</nf_uplr_mikrocystin>
 <nf_uplr_cyanotoxin_1>varchar(20)</nf_uplr_cyanotoxin_1>
 <nf_uplr_cyanotoxin_2>varchar(20)</nf_uplr_cyanotoxin_2>

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<nf_uplr_cyanotoxin_3>varchar(20)</nf_uplr_cyanotoxin_3>
 <nf_uplr_bisfenol>varchar(20)</nf_uplr_bisfenol>
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 <nf_uplr_beta_estradiol>varchar(20)</nf_uplr_beta_estradiol>
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 <nf_uplr_kyslik_spotr>char(20)</nf_uplr_kyslik_spotr>
 <nf_uplr_chlorid>char(20)</nf_uplr_chlorid>
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 <nf_uplr_reakcia_voda>char(20)</nf_uplr_reakcia_voda>
 <nf_uplr_siran>char(20)</nf_uplr_siran>
 <nf_uplr_teplota>float(13,1)</nf_uplr_teplota>
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 <nf_uplr_pach>char(20)</nf_uplr_pach>
 <nf_uplr_zelezo>char(20)</nf_uplr_zelezo>
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 <nf_uplr_forcik>char(20)</nf_uplr_forcik>
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 <nf_uplr_akt_alfa>char(20)</nf_uplr_akt_alfa>
 <nf_uplr_akt_beta>char(20)</nf_uplr_akt_beta>
 <nf_uplr_akt_radon>char(20)</nf_uplr_akt_radon>
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 <nf_uplr_zas_kapac>char(20)</nf_uplr_zas_kapac>
 <nf_uplr_iny_sledovany_ukazovatel_1>varchar(20)</nf_uplr_iny_sledovany_ukazovatel_1>
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 <nf_uplr_bromicnan/>
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 <nf_uplr_kyslik_nasyt/>

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<nf_uplr_sulfan/>
<nf_uplr_chut/>
<nf_uplr_zinok/>
<nf_uplr_sodik/>
</data>
```

Možnosť porovnať obsah Vášho novovygenerovaného XML s testovacím *p3_pe_a5_vz_upl_rozb-0016_1Q2024_VZGE000000001480_2024_04_15-16_31-IdTest.xml*, ktoré si stiahnete z https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_a5_vz_upl_rozb-0016_1Q2024_VZGE000000001480_2024_04_15-16_31-IdTest.xml. Následne pravým tlačidlom myši „Save as“ alebo „Uložiť ako“.

p3_pe_c6_vs_ver_minr_meta.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<data>
<login>varchar(100)</login>
<heslo>varchar(40)</heslo>
<id_vlastnik>varchar(20)</id_vlastnik>
<dt_datum_spracovania>datetime</dt_datum_spracovania>
<dt_obdobie>varchar(50)</dt_obdobie>
<id_prevadzkovatel>int(11) c_prevadzkovatel</id_prevadzkovatel>
<sv_id_vs>varchar(20) c_vodovod</sv_id_vs>
<sv_nazov_vs>varchar(50)</sv_nazov_vs>
<dt_datum_odberu>datetime</dt_datum_odberu>
<sv_ident_odberm_ver_minr>varchar(20) c_odberne_miesta</sv_ident_odberm_ver_minr>
<sv_typ_vzorky>varchar(20) c_vzorky</sv_typ_vzorky>
<sv_cislo_vzorky>varchar(50)</sv_cislo_vzorky>
<sv_dezinfekcia>char(1) A/N </sv_dezinfekcia>
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<nf_ver_vod_minr_enterokok>varchar(20)</nf_ver_vod_minr_enterokok>
<nf_ver_vod_minr_kult_mikroorg22>varchar(20)</nf_ver_vod_minr_kult_mikroorg22>
<nf_ver_vod_minr_kult_mikroorg_36>varchar(20)</nf_ver_vod_minr_kult_mikroorg_36>
<nf_ver_vod_minr_bezf_bicik>varchar(20)</nf_ver_vod_minr_bezf_bicik>
<nf_ver_vod_minr_ziv_org>varchar(20)</nf_ver_vod_minr_ziv_org>
<nf_ver_vod_minr_vlak_bakt>varchar(20)</nf_ver_vod_minr_vlak_bakt>
<nf_ver_vod_minr_mikromycety>varchar(20)</nf_ver_vod_minr_mikromycety>
<nf_ver_vod_minr_mrt_org>varchar(20)</nf_ver_vod_minr_mrt_org>
<nf_ver_vod_minr_zel_mang_bakt>varchar(20)</nf_ver_vod_minr_zel_mang_bakt>
<nf_ver_vod_minr_abioseston>varchar(20)</nf_ver_vod_minr_abioseston>
<nf_ver_vod_minr_clostridium>varchar(20)</nf_ver_vod_minr_clostridium>
<nf_ver_vod_minr_amonn_ion>varchar(20)</nf_ver_vod_minr_amonn_ion>
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<nf_ver_vod_minr_dusicnan>varchar(20)</nf_ver_vod_minr_dusicnan>
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<nf_ver_vod_minr_hlinik>varchar(20)</nf_ver_vod_minr_hlinik>
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<nf_ver_vod_minr_chlor>varchar(20)</nf_ver_vod_minr_chlor>
 <nf_ver_vod_minr_kyslik_spotr>varchar(20)</nf_ver_vod_minr_kyslik_spotr>
 <sv_ver_vod_minr_chut>varchar(200)</sv_ver_vod_minr_chut>
 <nf_ver_vod_minr_vodivost>varchar(20)</nf_ver_vod_minr_vodivost>
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 <sv_ver_vod_minr_reakcia_voda>varchar(200)</sv_ver_vod_minr_reakcia_voda>
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 <nf_ver_vod_minr_zelezo>varchar(20)</nf_ver_vod_minr_zelezo>
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 <nf_ver_vod_minr_striebro>varchar(20)</nf_ver_vod_minr_striebro>
 <nf_ver_vod_minr_oxid_chloricity>varchar(20)</nf_ver_vod_minr_oxid_chloricity>
 <nf_ver_vod_minr_absorbancia>varchar(20)</nf_ver_vod_minr_absorbancia>
 <nf_ver_vod_minr_antimon>varchar(20)</nf_ver_vod_minr_antimon>
 <nf_ver_vod_minr_arzen>varchar(20)</nf_ver_vod_minr_arzen>
 <nf_ver_vod_minr_bor>varchar(20)</nf_ver_vod_minr_bor>
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 <nf_ver_vod_minr_chrom>varchar(20)</nf_ver_vod_minr_chrom>
 <nf_ver_vod_minr_kadmium>varchar(20)</nf_ver_vod_minr_kadmium>
 <nf_ver_vod_minr_kyanid>varchar(20)</nf_ver_vod_minr_kyanid>
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 <nf_ver_vod_minr_org_uhlik_celk>varchar(20)</nf_ver_vod_minr_org_uhlik_celk>
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 <nf_ver_vod_minr_metoxychlor>varchar(20)</nf_ver_vod_minr_metoxychlor>
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 <nf_ver_vod_minr_hexachlorbenzen>varchar(20)</nf_ver_vod_minr_hexachlorbenzen>
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 <nf_ver_vod_minr_propazin>varchar(20)</nf_ver_vod_minr_propazin>
 <nf_ver_vod_minr_terbutylazin>varchar(20)</nf_ver_vod_minr_terbutylazin>

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<nf_ver_vod_minr_prometryn>varchar (20)</nf_ver_vod_minr_prometryn>
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 <nf_ver_vod_minr_trifluralin>varchar (20)</nf_ver_vod_minr_trifluralin>
 <nf_ver_vod_minr_izoproturon>varchar (20)</nf_ver_vod_minr_izoproturon>
 <nf_ver_vod_minr_chlortoluron>varchar (20)</nf_ver_vod_minr_chlortoluron>
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 <nf_ver_vod_minr_dimetachlor_oa>varchar(20)</nf_ver_vod_minr_dimetachlor_oa>
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 <nf_ver_vod_minr_metazachlor_oa>varchar(20)</nf_ver_vod_minr_metazachlor_oa>
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<nf_ver_vod_minr_pethoxamid_esa>varchar(20)</nf_ver_vod_minr_pethoxamid_esa>
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 <nf_ver_vod_minr_tebukonazol>varchar(20)</nf_ver_vod_minr_tebukonazol>
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<nf_ver_vod_minr_bam>varchar(20)</nf_ver_vod_minr_bam>
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<nf_ver_vod_minr_thiofanat_metyl>varchar(20)</nf_ver_vod_minr_thiofanat_metyl>
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<nf_ver_vod_minr_pesticid20>varchar(20)</nf_ver_vod_minr_pesticid20>
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<nf_ver_vod_minr_sucet_pfas>varchar(20)</nf_ver_vod_minr_sucet_pfas>
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```

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```

<nf_ver_vod_minr_draslik>varchar(20)</nf_ver_vod_minr_draslik>
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<dt_datum_rozboru/>
<nf_ver_vod_minr_pseudomonas/>
</data>

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Možnosť porovnať obsah Vášho novovygenerovaného XML s testovacím *p3_pe_c6_vs_ver_minr-0001_1Q2024_70CA_2024_04_15-16_29_25_71-IdTest.xml*, ktoré si stiahnete z https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_c6_vs_ver_minr-0001_1Q2024_70CA_2024_04_15-16_29_25_71-IdTest.xml. Následne pravým tlačidlom myši „Save as“ alebo „Uložiť ako“.

p3_pe_c7_vs_ver_uplr_meta.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<data>
<login>varchar(100)</login>
<heslo>varchar(40)</heslo>
<id_vlastnik>varchar(20)</id_vlastnik>
<dt_datum_spracovania>datetime</dt_datum_spracovania>

```


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```

<dt_obdobie>varchar(50)</dt_obdobie>
<id_prevadzkovatel>int(11) c_prevadzkovatel</id_prevadzkovatel>
<sv_id_vs>varchar(20) c_vodovod</sv_id_vs>
<sv_nazov_vs>varchar(50)</sv_nazov_vs>
<dt_datum_odberu>datetime</dt_datum_odberu>
<sv_ident_odberm_ver_uplr>varchar(20) c_odberne_miesta</sv_ident_odberm_ver_uplr>
<sv_typ_vzorky>varchar(20) c_vzorky</sv_typ_vzorky>
<sv_cislo_vzorky>varchar(50)</sv_cislo_vzorky>
<sv_dezinfekcia>char(1) A/N </sv_dezinfekcia>
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<nf_ver_vod_uplr_enterokok>varchar(20)</nf_ver_vod_uplr_enterokok>
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<nf_ver_vod_uplr_ziv_org>varchar(20)</nf_ver_vod_uplr_ziv_org>
<nf_ver_vod_uplr_vlak_bakt>varchar(20)</nf_ver_vod_uplr_vlak_bakt>
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<nf_ver_vod_uplr_clostridium>varchar(20)</nf_ver_vod_uplr_clostridium>
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<nf_ver_vod_uplr_dichlorbenz>varchar(20)</nf_ver_vod_uplr_dichlorbenz>
<nf_ver_vod_uplr_dichloretan>varchar(20)</nf_ver_vod_uplr_dichloretan>
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<nf_ver_vod_uplr_org_uhlik_celk>varchar(20)</nf_ver_vod_uplr_org_uhlik_celk>
<nf_ver_vod_uplr_lindan>varchar(20)</nf_ver_vod_uplr_lindan>
<nf_ver_vod_uplr_metoxychlor>varchar(20)</nf_ver_vod_uplr_metoxychlor>
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<nf_ver_vod_uplr_hexachlorbenzen>varchar(20)</nf_ver_vod_uplr_hexachlorbenzen>
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 <nf_ver_vod_uplr_heptachlor_epoxid_a>varchar(20)</nf_ver_vod_uplr_heptachlor_epoxid_a>
 <nf_ver_vod_uplr_heptachlor_epoxid_b>varchar(20)</nf_ver_vod_uplr_heptachlor_epoxid_b>
 <nf_ver_vod_uplr_dichlordifenyldichloreten>varchar(20)</nf_ver_vod_uplr_dichlordifenyldichloreten>
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 <nf_ver_vod_uplr_simazin>varchar(20)</nf_ver_vod_uplr_simazin>
 <nf_ver_vod_uplr_propazin>varchar(20)</nf_ver_vod_uplr_propazin>
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<nf_ver_vod_uplr_sodik>varchar(20)</nf_ver_vod_uplr_sodik>
<nf_ver_vod_uplr_horcik>varchar(20)</nf_ver_vod_uplr_horcik>
<nf_ver_vod_uplr_vapnik>varchar(20)</nf_ver_vod_uplr_vapnik>
<nf_ver_vod_uplr_vapnik_horcik>varchar(20)</nf_ver_vod_uplr_vapnik_horcik>
<nf_ver_vod_uplr_draslik>varchar(20)</nf_ver_vod_uplr_draslik>
<nf_ver_vod_uplr_akt_alfa>varchar(20)</nf_ver_vod_uplr_akt_alfa>
<nf_ver_vod_uplr_akt_beta>varchar(20)</nf_ver_vod_uplr_akt_beta>
<nf_ver_vod_uplr_akt_radon>varchar(20)</nf_ver_vod_uplr_akt_radon>
<nf_ver_vod_uplr_tricium>varchar(20)</nf_ver_vod_uplr_tricium>
<nf_ver_vod_uplr_indikacna_davka>varchar(20)</nf_ver_vod_uplr_indikacna_davka>
<nf_ver_vod_uplr_uran_238>varchar(20)</nf_ver_vod_uplr_uran_238>
<nf_ver_vod_uplr_uran_234>varchar(20)</nf_ver_vod_uplr_uran_234>
<nf_ver_vod_uplr_radium_226>varchar(20)</nf_ver_vod_uplr_radium_226>
<nf_ver_vod_uplr_radium_228>varchar(20)</nf_ver_vod_uplr_radium_228>
<nf_ver_vod_uplr_olovo_210>varchar(20)</nf_ver_vod_uplr_olovo_210>
<nf_ver_vod_uplr_polonium_210>varchar(20)</nf_ver_vod_uplr_polonium_210>
<nf_ver_vod_uplr_draslik_40>varchar(20)</nf_ver_vod_uplr_draslik_40>
<nf_ver_vod_uplr_uhlik_14>varchar(20)</nf_ver_vod_uplr_uhlik_14>
<nf_ver_vod_uplr_stroncium_90>varchar(20)</nf_ver_vod_uplr_stroncium_90>
<nf_ver_vod_uplr_plutonium_239_240>varchar(20)</nf_ver_vod_uplr_plutonium_239_240>
<nf_ver_vod_uplr_americium_241>varchar(20)</nf_ver_vod_uplr_americium_241>
<nf_ver_vod_uplr_kobalt_60>varchar(20)</nf_ver_vod_uplr_kobalt_60>
<nf_ver_vod_uplr_cezium_134>varchar(20)</nf_ver_vod_uplr_cezium_134>
<nf_ver_vod_uplr_cezium_137>varchar(20)</nf_ver_vod_uplr_cezium_137>
<nf_ver_vod_uplr_jod_131>varchar(20)</nf_ver_vod_uplr_jod_131>
<nf_ver_vod_uplr_radon>varchar(20)</nf_ver_vod_uplr_radon>
<nf_ver_vod_uplr_iny_sledovany_ukazovatel_1>varchar(20)</nf_ver_vod_uplr_iny_sledovany_ukazovatel_1>
<nf_ver_vod_uplr_iny_sledovany_ukazovatel_2>varchar(20)</nf_ver_vod_uplr_iny_sledovany_ukazovatel_2>
<nf_ver_vod_uplr_iny_sledovany_ukazovatel_3>varchar(20)</nf_ver_vod_uplr_iny_sledovany_ukazovatel_3>
<nf_ver_vod_uplr_iny_sledovany_ukazovatel_4>varchar(20)</nf_ver_vod_uplr_iny_sledovany_ukazovatel_4>
<nf_ver_vod_uplr_iny_sledovany_ukazovatel_5>varchar(20)</nf_ver_vod_uplr_iny_sledovany_ukazovatel_5>
<nf_ver_vod_uplr_saprof_plesen/>
<nf_ver_vod_uplr_pentachlorfenol/>

```

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```

<nf_ver_vod_uplr_dichlorfenoxyoctova/>
<nf_ver_vod_uplr_styren/>
<nf_ver_vod_uplr_tetrachloreten/>
<nf_ver_vod_uplr_tetrachlormetan/>
<nf_ver_vod_uplr_toluen/>
<nf_ver_vod_uplr_trichloreten/>
<nf_ver_vod_uplr_xylen/>
<nf_ver_vod_uplr_bromdichlormetan/>
<nf_ver_vod_uplr_chloroform/>
<nf_ver_vod_uplr_rozp_latky/>
<nf_ver_vod_uplr_kyslik_nasyt/>
<nf_ver_vod_uplr_sulfan_volny/>
<nf_ver_vod_uplr_zinok/>
<nf_ver_vod_uplr_saprof_plesen/>
<nf_ver_vod_uplr_pentachlorfenol/>
<nf_ver_vod_uplr_dichlorfenoxyoctova/>
<nf_ver_vod_uplr_styren/>
<nf_ver_vod_uplr_tetrachloreten/>
<nf_ver_vod_uplr_tetrachlormetan/>
<nf_ver_vod_uplr_toluen/>
<nf_ver_vod_uplr_trichloreten/>
<nf_ver_vod_uplr_xylen/>
<nf_ver_vod_uplr_bromdichlormetan/>
<nf_ver_vod_uplr_chloroform/>
<nf_ver_vod_uplr_rozp_latky/>
<nf_ver_vod_uplr_kyslik_nasyt/>
<nf_ver_vod_uplr_sulfan_volny/>
<nf_ver_vod_uplr_zinok/>
<dt_datum_rozboru/>
<nf_ver_vod_uplr_pseudomonas/>
<nf_ver_vod_uplr_alfa_hch/>
<nf_ver_vod_uplr_beta_hch/>
<nf_ver_vod_uplr_dichlordifenyldichloreten/>
<nf_ver_vod_uplr_paration_etyl/>
<nf_ver_vod_uplr_endosulfan_II/>
<nf_ver_vod_uplr_alfa_chlordan/>
<nf_ver_vod_uplr_gama_chlordan/>
<nf_ver_vod_uplr_endrinaldehyd/>
<nf_ver_vod_uplr_endrinketon/>
<nf_ver_vod_uplr_metolachlor/>
<nf_ver_vod_uplr_org_chlor_pesticidy/>
<nf_ver_vod_uplr_dichlorfenol/>
<nf_ver_vod_uplr_trichlorfenol/>
</data>

```

Možnosť porovnať obsah Vášho novovytvoreného XML s testovacím *p3_pe_c7_vs_ver_uplr-0081_Q42020_70CM_2024_01_29-16_28_44_653-IdTest.xml*, ktoré si stiahnete z https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_c7_vs_ver_uplr-

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[0081_Q42020_70CM_2024_01_29-16_28_44_653-IdTest.xml](#). Následne pravým tlačidlom myši „Save as“ alebo „Uložiť ako“.

2. Zrušené xml súbory jednotlivých formulárov

Už sa nevytvárajú/neexportujú a teda ani neposielajú s exportom. Tieto XML je potreba nadobro vylúčiť z exportu:

p3_pe_b4_uv_akum_minr_meta.xml

Neposielat' v exporte.

p3_pe_b4_uv_akum_uplnyr_meta.xml

Neposielat' v exporte.

p3_pe_b4_uv_odtok_min_rozb_meta.xml

Neposielat' v exporte.

p3_pe_b4_uv_odt_uplnyr_meta.xml

Neposielat' v exporte.

3. Vysvetlivky k XML

Zelené značenie - pridané ukazovatele/tagy

Červené značenie - odstránené ukazovatele, ale tagy presunuté na koniec XML súboru. Pre správne fungovanie musia zostať v XML!!!

Modré značenie - zmenený popis/oprava názvu tagu, prípadne pre zjednodušenú kontrolu aj vyznačená zmena poradia tagov

zvyšok zostal bez zmeny, je potreba to ponechať v rovnakej štruktúre metadát XML ako doteraz.

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4. Časté chyby v exportoch

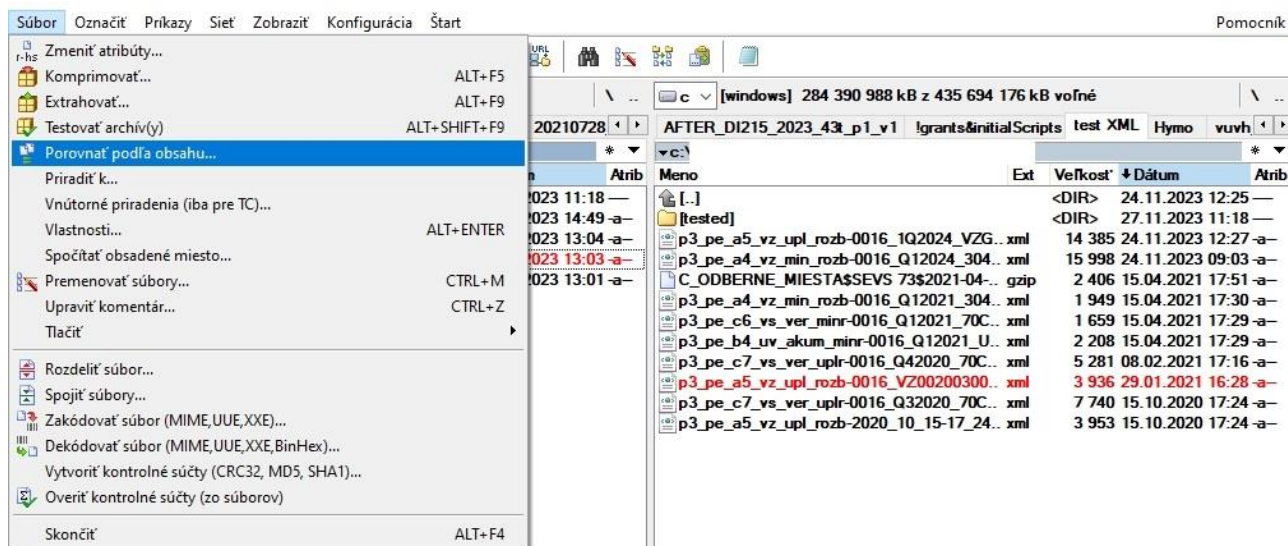
- `<id_prevadzkovatel> int(11)</id_prevadzkovatel>`, do tohto atribútu sa zapisuje iba **číslo prevádzkovateľa**, nie vlastníka a to z číselníkov <https://www.vuvh.sk/?doc=aktualne-ciselniky-zbervak>, záložka Id_prevadzkovatel. Číslo vlastníka má aj textový znak, čo by spôsobilo, že XML bude opäť vrátené na opravu.
- „varchar(20)“ znamená text, v maximálnej veľkosti 20 znakov. Väčšie texty by v tomto tagu neprešli kontrolou a opäť by Vám boli vrátené na opravu.
- napr. `<nl_id_vz>varchar(20)</nl_id_vz>` - je tag, ktorého názov stĺpca v databáze zbervak sa nazýva rovnako, teda nl_id_vz. Preto je potrebné dodržať aj všetky ostatné tagy vyššie uvedené – ich názvoslovie (teda aj zoznam ukazovateľov uvedených vo vyhláske č. 605/2005 Z. z., aktualizovaných na zoznamy ukazovateľov platných podľa vyhlášok č. 91/2023 Z. z. a č. 354/2023 Z. z.), ináč to bude mať za následok, že sa neprenesú dáta z nich do databázy a bude Vám nútený administrátor systému ZberVaK **chybné exporty/súbory XML vrátiť na opravu**. Následne sa predlžuje celý proces zasielania dát do zbervaku. Preto predtým vyskúšajte u seba aplikovať obsah kapitoly nižšie.

Porovnanie s testovacou šablónou Úvvh

Najdete ju na konci každého XML, ktorého sa týkajú zmeny od 1.1.2024, alebo stiahnite priamo z https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_a4_vz_min_rozb-0660_1Q2024_3042100110002_2024_04_15-16_30-IdTest.xml, https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_a5_vz_upl_rozb-0016_1Q2024_VZGE000000001480_2024_04_15-16_31-IdTest.xml, https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_c6_vs_ver_minr-0001_1Q2024_70CA_2024_04_15-16_29_25_71-IdTest.xml, https://www.vuvh.sk/wp-content/uploads/2023/11/p3_pe_c7_vs_ver_uplr-0081_Q42020_70CM_2024_01_29-16_28_44_653-IdTest.xml.

Porovnanie XMLiek nie je nutné aplikovať, ale ide o automatickú kontrolu na Vašej strane. Po nastavení vo Vašich prevádzkových systémoch, **skontroluje/porovná Váš IT pracovník/IT dodávateľ obsah Vašeho prvého exportu jednotlivo s testovacími šablónami Úvvh**. Kontroluje či sú totožné názvy tagov alebo tagy nechýbajú oproti šablóne. Jednoduchá funkcia Compare by Content – Porovnať podľa obsahu..., ktorá je napr. v programe Total Commander.

Uvedená obrazová ukážka, krok 1.:



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Krok 2.:

<pre> 9:<nl_id_vz>VZGE000000001480</nl_id_vz> 10:<sv_nazov_vz>Bobrovcec - vrt Borovinský</sv_nazov_vz> 11:<dt_datum_odberu>2024-01-07 10:00:00</dt_datum_odberu> 12:<sv_ident_odberm_upl_rozb>3040020100178</sv_ident_odberm_upl_rozb> 13:<sv_typ_vzorky>bežná</sv_typ_vzorky> 14:<sv_cislo_vzorky>1445/TEST sablona VUVH</sv_cislo_vzorky> 15:<sv_dezinfekcia>A</sv_dezinfekcia> 16:<nf_uplr_ecoli>1.1</nf_uplr_ecoli> 17:<nf_uplr_kolif_bakt>1.2</nf_uplr_kolif_bakt> 18:<nf_uplr_enterokok>1.3</nf_uplr_enterokok> 19:<nf_uplr_kult_mokroorg22>1.4</nf_uplr_kult_mokroorg22> 20:<nf_uplr_kult_mikroorg_36>1.5</nf_uplr_kult_mikroorg_36> 21:<nf_uplr_bezf_bicik>1.6</nf_uplr_bezf_bicik> 22:<nf_uplr_ziv_orgn1_7</nf_uplr_ziv_orgn1_7> 23:<nf_uplr_cyanobakterie>lt;0,01234567891011</nf_uplr_cyanobakterie> 24:<nf_uplr_vlak_bakt>1.8</nf_uplr_vlak_bakt> 25:<nf_uplr_mikromycety>1.2</nf_uplr_mikromycety> 26:<nf_uplr_mrt_org>1.3</nf_uplr_mrt_org> 27:<nf_uplr_zel_mang_bakt>1.4</nf_uplr_zel_mang_bakt> 28:<nf_upl_organizmy_biosestonu>lt;0,01234567891011</nf_upl_organizmy_biosestonu> 29:<nf_uplr_abioseston>1.1</nf_uplr_abioseston> 30:<nf_uplr_clostridium>1.2</nf_uplr_clostridium> 31:<nf_upl_somaticke_kolifagy>lt;0,01234567891011</nf_upl_somaticke_kolifagy> 32:<nf_uplr_antimon>1,91</nf_uplr_antimon> 33:<nf_uplr_arsen>2,91</nf_uplr_arsen> 34:<nf_uplr_bor>3,91</nf_uplr_bor> 35:<nf_uplr_dusicnan>3,92</nf_uplr_dusicnan> 36:<nf_uplr_dusicnan2>4,91</nf_uplr_dusicnan2> </pre>	<pre> 9:<nl_id_vz>VZ00200300vymyslene001</nl_id_vz> 10:<sv_nazov_vz>Pribylina - prameň</sv_nazov_vz> 11:<dt_datum_odberu>2024-01-20 01:15:00</dt_datum_odberu> 12:<sv_ident_odberm_upl_rozb>30vymyslene014001</sv_ident_odberm_upl_rozb> 13:<sv_typ_vzorky>bežná</sv_typ_vzorky> 14:<sv_cislo_vzorky>1717 VS XML vase prve/2024</sv_cislo_vzorky> 15:<sv_dezinfekcia>A</sv_dezinfekcia> 16:<nf_uplr_ecoli>11</nf_uplr_ecoli> 17:<nf_uplr_kolif_bakt>160</nf_uplr_kolif_bakt> 18:<nf_uplr_enterokok>0</nf_uplr_enterokok> 19:<nf_uplr_kult_mokroorg22>110</nf_uplr_kult_mokroorg22> 20:<nf_uplr_kult_mikroorg_36>83</nf_uplr_kult_mikroorg_36> 21:<nf_uplr_bezf_bicik>0</nf_uplr_bezf_bicik> 22:<nf_uplr_ziv_orgn1_7</nf_uplr_ziv_orgn1_7> 23:<nf_uplr_cyanobakt>lt;0,01</nf_uplr_cyanobakt> 24:<nf_uplr_vlak_bakt>0</nf_uplr_vlak_bakt> 25:<nf_uplr_mikromycety>0</nf_uplr_mikromycety> 26:<nf_uplr_mrt_org>0</nf_uplr_mrt_org> 27:<nf_uplr_zel_mang_bakt>lt;0,01</nf_uplr_zel_mang_bakt> 28: 29:<nf_uplr_abioseston>10</nf_uplr_abioseston> 30:<nf_uplr_clostridium> </pre>
--	---

chybný názov tagu

chýbajúci tag

chýbajúce tagy

Samozrejme dá sa to aj ináč verifikovať, toto je prezentovaný ako jeden z možných spôsobov. Po tejto kontrole sa veľa chýb vo Vašich prvých XML odladí. Administrátor Vúvh Vám nebude musieť vracat XML na opravu.