

Ocena jakości wód podziemnych w punktach badawczych monitoringu regionalnego

Nr ppk	Powiat	Miejscowość	Rodzaj wód	Stratygrafia	Klasa czyst.	Wskaźniki decydujące o klasie
1	bełchatowski	Bełchatów	W	Cr2	I	pH-7.6, TOC-5.46mg/l, PEW-451µS/cm, temperatura-10.4°C, Tlen rozp-6.7mg/l, NH4-0.35mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-0.13mg/l, NO2-0.003mg/l, B-<0.01mg/l, Cl-5mg/l, Cr-<0.001mg/l, CN-<0.004mg/l, F-0.1mg/l, PO4-0.21mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-9.6mg/l, Mn-0.026mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-1.94mg/l, Hg-<0.0002mg/l, Se-<0.01mg/l, SO4-14.5mg/l, Na-6.02mg/l, Ca-82.9mg/l, HCO3-281mg/l, Fe-0.593mg/l
3	bełchatowski	Wolica (Łękińsko)	W	J3	II	TOC-5.76mg/l, temperatura-11°C, Mn-0.09mg/l, SO4-77mg/l, Ca-104mg/l, HCO3-285mg/l, Fe-1.02mg/l
4	bełchatowski	Zelów	W	Trz	II	TOC-5.15mg/l, temperatura-10.3°C, PO4-0.54mg/l, Ca-55.6mg/l, Fe-0.497mg/l
5	bełchatowski	Łobudzice	G	Q	II	NO3-20.4mg/l, NO2-0.033mg/l, Ca-72.5mg/l
6	bełchatowski	Wola Wiązowa	W	Q	I	pH-7.9, TOC-2.3mg/l, PEW-426µS/cm, temperatura-10.3°C, Tlen rozp-9mg/l, NH4-0.089mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-0.09mg/l, NO2-<0.003mg/l, B-<0.01mg/l, Cl-21mg/l, Cr-<0.001mg/l, CN-<0.004mg/l, F-0.1mg/l, PO4-0.23mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-8.33mg/l, Mn-0.054mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-1.18mg/l, Hg-<0.0002mg/l, Se-<0.01mg/l, SO4-35mg/l, Na-4.8mg/l, Ag-<0.001mg/l, Ca-74.2mg/l, HCO3-211mg/l, Fe-0.403mg/l
7	bełchatowski	Chabielice	W	Q/J3	I	pH-7.7, TOC-2.29mg/l, PEW-446µS/cm, temperatura-12°C, Tlen rozp-9mg/l, NH4-<0.04mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-0.8mg/l, NO2-0.003mg/l, B-<0.01mg/l, Cl-11mg/l, Cr-<0.001mg/l, CN-<0.004mg/l, F-0.1mg/l, PO4-0.07mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-8.6mg/l, Mn-0.024mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-1.86mg/l, Hg-<0.0002mg/l, Se-<0.01mg/l, SO4-43mg/l, Na-13.2mg/l, Ag-<0.001mg/l, Ca-83.6mg/l, HCO3-226mg/l, Fe-<0.01mg/l
20	łaski	Bałucz	W	Cr2	II	Mn-0.135mg/l, Ni-0.006mg/l, Ca-62.1mg/l, HCO3-267mg/l, Fe-1.55mg/l
21	łaski	Gorzyn	W	Q	II	NO3-13.7mg/l, Mn-0.091mg/l, SO4-64.6mg/l, Ca-89.2mg/l, HCO3-243mg/l, Fe-0.246mg/l
22	łaski	Buczek	W	Q	I	pH-7.7, TOC-<2.79mg/l, PEW-428µS/cm, temperatura-10°C, Tlen rozp-6.7mg/l, NH4-0.139mg/l, Sb-<0.01mg/l, As-<0.007mg/l, NO3-<0.589mg/l, NO2-<0.0066mg/l, B-<0.01mg/l, Cl-14.3mg/l, Cr-<0.001mg/l, CN-<0.01mg/l, F-0.087mg/l, PO4-0.153mg/l, Al-<0.007mg/l, Cd-<0.0003mg/l, Mg-5.6mg/l, Mn-0.158mg/l, Cu-0.0121mg/l, Ni-<0.005mg/l, Pb-<0.005mg/l, K-0.774mg/l, Hg-<2E-5mg/l, Se-<0.01mg/l, SO4-45.2mg/l, Na-4.7mg/l, Ag-<0.001mg/l, Ca-62.6mg/l, HCO3-164mg/l, Fe-0.676mg/l
23	łaski	Pruszków	W	Cr2	II	Mn-0.127mg/l, Ca-83.5mg/l, HCO3-352mg/l, Fe-2.61mg/l
24	łaski	Górki Grabiańskie	W	Cr2	II	temperatura-10.5°C, Mn-0.131mg/l, Ca-68.6mg/l, HCO3-256mg/l, Fe-1.78mg/l
25	łaski	Chociw	W	Q	II	temperatura-11°C, Mn-0.061mg/l, Ca-55.3mg/l, Fe-1.38mg/l
26	łaski	Chociw	W	Cr1	III	NO3-30.9mg/l
43	łódzki wschodni	Koluszki	G	Q	II	Mn-0.193mg/l, Ca-83.4mg/l, HCO3-329mg/l, Fe-3.03mg/l
44	łódzki wschodni	Żeromin	W	Cr2	III	HCO3-375mg/l, Fe-5.83mg/l
45	łódzki wschodni	Szczukwin	W	Q	III	As-0.0153mg/l
48	łódzki wschodni	Romanów	W	Q	I	pH-6.7, TOC-<1mg/l, PEW-285µS/cm, temperatura-11°C, Tlen rozp-5.1mg/l, NH4-0.101mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-0.355mg/l, NO2-<0.013mg/l, B-<0.01mg/l, Cl-4mg/l, Cr-<0.001mg/l, CN-<0.01mg/l, F-0.16mg/l, PO4-0.26mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-4.9mg/l, Mn-0.099mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-0.83mg/l, Hg-<0.02mg/l, Se-<0.01mg/l, SO4-11.2mg/l, Na-5.46mg/l, Ag-<0.001mg/l, Ca-53.7mg/l, HCO3-179mg/l, Fe-0.535mg/l
52	opoczyński	Poświętne	W	Q	II	NO3-14.7mg/l, Ca-86.9mg/l, HCO3-204mg/l
53	opoczyński	Sepno - Radonia	W	Cr1	II	temperatura-10.3°C, NO3-19.4mg/l
55	pabianicki	Dłutów	W	Q	I	pH-8, TOC-1.39mg/l, PEW-364µS/cm, temperatura-10.1°C, Tlen rozp-8.4mg/l, NH4-<0.04mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-0.18mg/l, NO2-0.007mg/l, B-<0.01mg/l, Cl-9mg/l, Cr-<0.001mg/l, CN-<0.004mg/l, F-0.18mg/l, PO4-0.12mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-6.6mg/l, Mn-0.033mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-3.19mg/l, Hg-<0.002mg/l, Se-<0.01mg/l, SO4-41mg/l, Na-5.86mg/l, Ag-<0.001mg/l, Ca-62.9mg/l, HCO3-183mg/l, Fe-0.11mg/l
62	pajęczański	Zamoście	W	Cr2	III	Cu-0.0552mg/l, Fe-5.13mg/l
63	pajęczański	Rząśnia	W	J3	II	Mn-0.078mg/l, Cu-0.0803mg/l, Ca-64.4mg/l, Fe-1.2mg/l
66	pajęczański	Siemkowice	W	J3	I	pH-7.74, TOC-<2.79mg/l, PEW-267µS/cm, temperatura-11°C, Tlen rozp-4.6mg/l, NH4-0.177mg/l, Sb-<0.01mg/l, As-<0.007mg/l, NO3-<0.589mg/l, NO2-<0.0066mg/l, B-<0.01mg/l, Cl-3.49mg/l, Cr-<0.001mg/l, CN-<0.01mg/l, F-0.221mg/l, PO4-<0.024mg/l, Al-<0.007mg/l, Cd-<0.003mg/l, Mg-4.09mg/l, Mn-0.041mg/l, Cu-0.0126mg/l, Ni-<0.005mg/l, Pb-<0.005mg/l, K-0.667mg/l, Hg-<2E-5mg/l, Se-<0.01mg/l, SO4-7.53mg/l, Na-2.59mg/l, Ag-<0.001mg/l, Ca-45.6mg/l, HCO3-174mg/l, Fe-0.875mg/l
67	pajęczański	Zalesiaki	W	J3	III	NO3-28.7mg/l
68	piotrkowski	Czarnocin	W	Q	I	pH-7.6, TOC-1.58mg/l, PEW-474µS/cm, temperatura-9.4°C, Tlen rozp-5.9mg/l, NH4-<0.04mg/l, Sb-<0.01mg/l, As-<0.01mg/l, NO3-7.04mg/l, NO2-0.007mg/l, B-<0.01mg/l, Cl-13mg/l, Cr-<0.001mg/l, CN-<0.004mg/l, F-0.13mg/l, PO4-0.092mg/l, Al-<0.009mg/l, Cd-<0.0003mg/l, Mg-8.3mg/l, Mn-<0.001mg/l, Cu-<0.003mg/l, Ni-<0.003mg/l, Pb-<0.002mg/l, K-1.27mg/l, Hg-<0.0002mg/l, Se-<0.01mg/l, SO4-40mg/l, Na-7.61mg/l, Ag-<0.001mg/l, Ca-90.1mg/l, HCO3-241mg/l

69	piotrkowski	Szydłów	W	Cr2	II	temperatura-10.5°C,Mn-0.098mg/l,Ca-101mg /l,HCO3-435mg /l,Fe-2.03mg /l
71	piotrkowski	Niechcice		Q	I	pH-8,TOC-2.49mg/l,PEW-422µS/cm,temperatura-9.1°C,Tlen rozp-10.8mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.22mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-26mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.1mg/l,PO4-0.16mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-5.05mg/l,Mn-<0.001mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-0.0045mg/l,K-1.55mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-37mg/l,Na-26mg/l,Ag-<0.001mg/l,Ca-39.4mg /l,HCO3-207mg /l,Fe-<0.01mg /l
72	piotrkowski	Bilska Wola	G	Q	II	temperatura-10.5°C,NO3-17.7mg/l
73	piotrkowski	Kacprów	W	Cr2	I	pH-7.7,TOC-1.94mg/l,PEW-410µS/cm,temperatura-11.2°C,Tlen rozp-6.3mg/l,NH4-0.34mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.09mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-2.7mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.13mg/l,PO4-0.064mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-7.93mg/l,Mn-0.019mg/l,Cu-0.0037mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-4.68mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-4.1mg/l,Na-9.47mg/l,Ag-<0.001mg/l,Ca-74.7mg /l,HCO3-293mg /l,Fe-0.471mg /l
74	piotrkowski	Lubiatów	W	Q	II	temperatura-12.3°C,Mn-0.089mg/l,Ca-79.5mg /l,HCO3-308mg /l
75	piotrkowski	Moszczenica	W	Q	I	pH-7.6,TOC-4.11mg/l,PEW-491µS/cm,temperatura-9.7°C,Tlen rozp-9.7mg/l,NH4-0.102mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.35mg/l,NO2-0.007mg/l,B-<0.01mg/l,Cl-5mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.22mg/l,PO4-0.3mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-10.2mg/l,Mn-0.159mg/l,Cu-0.0085mg/l,Ni-0.0039mg/l,Pb-<0.002mg/l,K-2.14mg/l,Hg-0.0002mg/l,Se-<0.01mg/l,SO4-7.6mg/l,Na-5.71mg/l,Ca-93.2mg /l,HCO3-348mg /l,Fe-0.97mg /l
76	piotrkowski	Golesze Małe	G	Q	II	temperatura-10.2°C,Ca-101mg /l,HCO3-299mg /l
84	radomszczański	Włodzimierz (Napoleonów)	W	Q	I	pH-7.6,TOC-3.88mg/l,PEW-377µS/cm,temperatura-9.3°C,Tlen rozp-6.5mg/l,NH4-0.17mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.04mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-9mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.07mg/l,PO4-0.27mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-5.23mg/l,Mn-0.084mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-0.91mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-58mg/l,Na-4.04mg/l,Ag-<0.001mg/l,Ca-50.3mg /l,HCO3-192mg /l,Fe-0.475mg /l
85	radomszczański	Klizin	W	J3	I	pH-7.6,TOC-3.23mg/l,PEW-318µS/cm,temperatura-10.3°C,Tlen rozp-6.8mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-6.69mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-6mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.1mg/l,PO4-0.039mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-4.35mg/l,Mn-0.0048mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.07mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-24mg/l,Na-3.84mg/l,Ag-<0.001mg/l,Ca-53.2mg /l,HCO3-204mg /l,Fe-<0.01mg /l
87	radomszczański	Przerąb	W	Cr2	II	TOC-6.32mg/l,temperatura-10.7°C,Mn-0.132mg/l,Ca-68mg /l,HCO3-290mg /l,Fe-1.75mg /l
89	radomszczański	Radomsko	W	Cr2	I	pH-7.5,TOC-3.29mg/l,PEW-351µS/cm,temperatura-10.4°C,Tlen rozp-6.9mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-5.01mg/l,NO2-0.01mg/l,B-<0.01mg/l,Cl-15mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.04mg/l,PO4-0.046mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-3.8mg/l,Mn-<0.001mg/l,Cu-<0.003mg/l,Ni-<0.00903mg/l,Pb-<0.002mg/l,K-1.57mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-39mg/l,Na-3.31mg/l,Ag-<0.001mg/l,Ca-67.4mg /l,HCO3-177mg /l,Fe-<0.01mg /l
90	radomszczański	Strzałków	W	Cr2	I	pH-7.7,TOC-2.47mg/l,PEW-287µS/cm,temperatura-10.7°C,Tlen rozp-6.2mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-7.79mg/l,NO2-<0.003mg/l,B-<0.01mg/l,Cl-8mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.06mg/l,PO4-0.17mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-3.03mg/l,Mn-<0.001mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.15mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-14.8mg/l,Na-2.43mg/l,Ag-<0.001mg/l,Ca-50.7mg /l,HCO3-180mg /l,Fe-<0.01mg /l
91	radomszczański	Zagórze	G	Q	II	temperatura-15.5°C,HCO3-214mg /l
93	radomszczański	Gidle	W	Cr2	I	pH-7.7,TOC-2.72mg/l,PEW-257µS/cm,temperatura-10.8°C,Tlen rozp-9.8mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-5.54mg/l,NO2-0.03mg/l,B-<0.01mg/l,Cl-8mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.03mg/l,PO4-0.15mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-2.04mg/l,Mn-0.0038mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.17mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-27mg/l,Na-2.08mg/l,Ag-<0.001mg/l,Ca-45.2mg /l,HCO3-146mg /l,Fe-0.014mg /l
117	tomaszowski	Będków	W	Cr2	II	Mn-0.109mg/l,Ca-89.6mg /l,HCO3-332mg /l,Fe-1.37mg /l
120	tomaszowski	Sadykierz	W	J2	I	pH-7.6,TOC-3.18mg/l,PEW-424µS/cm,temperatura-8.5°C,Tlen rozp-2.3mg/l,NH4-0.06mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.18mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-8mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.18mg/l,PO4-0.033mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-10.2mg/l,Mn-0.168mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.31mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-22mg/l,Na-3.88mg/l,Ag-<0.001mg/l,Ca-83mg /l,HCO3-247mg /l,Fe-0.538mg /l
121	tomaszowski	Smardzewice	G	Cr1	I	pH-7.5,TOC-3.12mg/l,PEW-117µS/cm,temperatura-9.3°C,Tlen rozp-10.3mg/l,NH4-<0.04mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-3.85mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-2.7mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.06mg/l,PO4-0.34mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-1.77mg/l,Mn-<0.001mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-0.99mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-4.9mg/l,Na-2.65mg/l,Ag-<0.01mg/l,Ca-19.5mg /l,HCO3-76.3mg /l,Fe-<0.012mg /l
123	tomaszowski	Niewiadów	W	J3	I	pH-7.7,TOC-3.6mg/l,PEW-386µS/cm,temperatura-10.1°C,Tlen rozp-6.6mg/l,NH4-0.25mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.09mg/l,NO2-0.003mg/l,B-<0.01mg/l,Cl-2.2mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.43mg/l,PO4-0.033mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-6.53mg/l,Mn-0.049mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.68mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-22mg/l,Na-4.28mg/l,Ag-<0.001mg/l,Ca-76.2mg /l,HCO3-230mg /l,Fe-0.419mg /l
126	wieluński	Załęcze Wielkie	W	Q	III	NO3-41mg/l
127	wieluński	Jodłowiec	W	J3	II	Mn-0.158mg/l,Ca-51.9mg /l,Fe-2.35mg /l

128	wieluński	Łaszew Rządowy	W	J3	II	temperatura-10.5°C,Mn-0.11mg/l,Ni-0.007mg/l,Ca-80.8mg /l,HCO3-272mg /l,Fe-1.06mg /l
129	wieluński	Kamion	W	J3	II	temperatura-10.6°C,NO3-18.3mg/l,Ca-63.8mg /l,Fe-0.311mg /l
143	zduńskowolski	Gajewniki	W	Q	II	Mn-0.139mg/l,Ca-77.8mg /l,HCO3-319mg /l,Fe-2.67mg /l
159	m. Łódź	Łódź (ul. Kasprowicza)	W	Q	II	NO3-19.6mg/l
169	m. Piotrków Trybunalski	Piotrków Trybunalski ul. Wojska Polskiego	W	Q	I	pH-7.8,TOC-2.32mg/l,PEW-467μS/cm,temperatura-11.3°C,Tlen rozp-8.5mg/l,NH4-0.18mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.22mg/l,NO2-<0.003mg/l,B-<0.01mg/l,Cl-18mg/l,Cr-<0.001mg/l,CN-<0.004mg/l,F-0.11mg/l,PO4-0.36mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-9.9mg/l,Mn-0.053mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.29mg/l,Hg-<0.0002mg/l,Se-<0.01mg/l,SO4-31mg/l,Na-5.73mg/l,Ag-<0.001mg/l,Ca-94.2mg /l,HCO3-268mg /l,Fe-0.567mg /l
170	m. Piotrków Trybunalski	Piotrków Trybunalski ul. Zalesicka	W	Q	II	PEW-791μS/cm,temperatura-11.5°C,Mn-0.118mg/l,Ca-127mg /l,HCO3-342mg /l,Fe-1.43mg /l