

## Klasyfikacja jakości wód podziemnych w 2011r. wraz ze wskaźnikami decydującymi o klasie czystości

| Nr ppk | Powiat          | Miejscowość     | szerokość geograficzna północna | długość geograficzna wschodnia | GZWP     | Numer JCWPd | Stratygrafia | Klasa czyst. | Wskaźniki decydujące o klasie  |
|--------|-----------------|-----------------|---------------------------------|--------------------------------|----------|-------------|--------------|--------------|--|
| 14     | kutnowski       | Baby Nowe       | 52 17 05,64                     | 19 04 41,85                    | 225, 226 | 64          | Q            | II           | temperatura-12.5°C,Mn-0.054mg/l,Ca-108mg /l,HCO3-417mg /l  |
| 19     | łaski           | Mauryców        | 51 39 47,05                     | 19 10 41,99                    | -        | 79          | Q            | II           | temperatura-10.5°C,Mn-0.223mg/l,Ca-61.7mg /l,Fe-1.01mg /l  |
| 29     | łęczycki        | Krzepocin       | 52 00 59,66                     | 19 08 30,84                    | -        | 79          | Q            | I            | pH-7.4pH,TOC-3.2mg/l,PEW-463µS/cm,temperatura-10°C,Tlen rozp-0.9mg/l,NH4-0.4mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-0.125mg/l,NO2-0.03mg/l,B-0.023mg/l,Cl-6.4mg/l,Cr-<0.001mg/l,CN-0.005mg/l,F-0.242mg/l,PO4-0.24mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-10.1mg/l,Mn-0.09mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-4.18mg/l,Hg-0.000223mg/l,Se-<0.01mg/l,SO4-4.1mg/l,Na-16.7mg/l,Ag-<0.001mg/l,Ca-79.2mg /l,HCO3-275mg /l,Fe-<0.01mg /l |
| 30     | łęczycki        | Chorki (Grabów) | 52 06 21,49                     | 19 04 02,45                    | -        | 79          | Cr1          | II           | PEW-1.1E3µS/cm,temperatura-11.9°C,Tlen rozp-0.79mg/l,NH4-0.69mg/l,Cl-133mg/l,Ni-0.01mg/l,Na-85.2mg/l,Ca-102mg /l,HCO3-334mg /l   |
| 31     | łęczycki        | Świnice Warckie | 52 02 33,95                     | 18 55 08,43                    | -        | 79          | Cr2          | II           | temperatura-12°C,Mn-0.052mg/l,Ca-102mg /l,HCO3-271mg /l  |
| 46     | łódzki wschodni | Czyżeminek      | 51 38 39,05                     | 19 26 30,79                    | 401      | 79          | Q            | II           | temperatura-10.1°C,NO3-24mg/l,SO4-67mg/l,Ca-76mg /l  |
| 47     | łódzki wschodni | Kalino          | 51 40 04,34                     | 19 33 27,60                    | 401      | 79          | Cr2          | I            | pH-7.2pH,TOC-1.58mg/l,PEW-382µS/cm,temperatura-10.3°C,Tlen rozp-4.1mg/l,NH4-0.55mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.022mg/l,Cl-1.8mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.19mg/l,PO4-0.051mg/l,Al-<0.009mg/l,Cd-0.00036mg/l,Mg-7.7mg/l,Mn-0.107mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.6mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-<0.25mg/l,Na-5.8mg/l,Ag-<0.001mg/l,Ca-69mg /l,HCO3-280mg /l,Fe-0.077mg /l |
| 49     | łódzki wschodni | Starowa Góra    | 51 40 51,71                     | 19 28 30,02                    | 401      | 79          | Q            | III          | temperatura-15.1°C,NO3-33mg/l,Ca-107mg /l  |
| 50     | łódzki wschodni | Grodzisko       | 51 40 38,59                     | 19 30 48,55                    | 401      | 79          | Q            | I            | pH-7pH,TOC-5mg/l,PEW-477µS/cm,temperatura-11.1°C,Tlen rozp-0.8mg/l,NH4-0.58mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.042mg/l,Cl-6.8mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.26mg/l,PO4-0.28mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-8.6mg/l,Mn-0.159mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.6mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-28mg/l,Na-10mg/l,Ag-<0.001mg/l,Ca-85mg /l,HCO3-302mg /l,Fe-0.023mg /l           |
| 58     | pabianicki      | Kazimierz       | 51 46 13,42                     | 19 12 26,68                    | -        | 79          | Cr2          | II           | temperatura-10.1°C,NO3-19mg/l,Ca-76.4mg /l,HCO3-210mg /l   |
| 59     | pabianicki      | Ignacew         | 51 45 36,78                     | 19 15 51,71                    | 401      | 79          | Cr2          | I            | pH-7.1pH,TOC-3.2mg/l,PEW-523µS/cm,temperatura-11.8°C,Tlen rozp-1.7mg/l,NH4-0.42mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.014mg/l,Cl-22mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.23mg/l,PO4-<0.03mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-11mg/l,Mn-0.253mg/l,Cu-0.007mg/l,Ni-0.003mg/l,Pb-<0.002mg/l,K-2.7mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-63mg/l,Na-5.1mg/l,Ag-<0.001mg/l,Ca-91mg /l,HCO3-246mg /l,Fe-0.056mg /l         |
| 60     | pabianicki      | Władysławów     | 51 37 22,61                     | 19 20 54,67                    | 401      | 79          | Cr2          | I            | pH-7.2pH,TOC-1.1mg/l,PEW-405µS/cm,temperatura-10.8°C,Tlen rozp-1.2mg/l,NH4-0.63mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.014mg/l,Cl-8.3mg/l,Cr-<0.001mg/l,F-0.25mg/l,PO4-0.29mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-7.5mg/l,Mn-0.089mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.4mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-35mg/l,Na-3.8mg/l,Ag-<0.001mg/l,Ca-73mg /l,HCO3-226mg /l,Fe-0.094mg /l                   |
| 77     | poddębicki      | Księża Wólka    | 51 51 13,70                     | 18 45 33,54                    | -        | 79          | Q            | III          | NO3-32.7mg/l   |
| 78     | poddębicki      | Pęczniew        | 51 48 02,84                     | 18 43 38,89                    | -        | 79          | Cr2          | II           | Mn-0.215mg/l,Ca-99.8mg /l,HCO3-321mg /l,Fe-1.28mg /l   |

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| 79  | poddębicki | Wartkowice       | 51 58 32,55 | 18 59 54,23 | -   | 79 | Cr2 | I  | pH-7.41pH,TOC-2.21mg/l,PEW-561μS/cm,temperatura-10°C,Tlen rozp-1.7mg/l,NH4-0.289mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.589mg/l,NO2-<0.0079mg/l,B-<0.01mg/l,Cl-9.99mg/l,Cr-<0.0011mg/l,CN-<0.01mg/l,F-0.086mg/l,PO4-<0.024mg/l,Al-<0.009mg/l,Cd-<0.00035mg/l,Mg-9.62mg/l,Mn-0.044mg/l,Cu-<0.0045mg/l,Ni-<0.0078mg/l,Pb-<0.0067mg/l,K-0.977mg/l,Hg-2.6E-5mg/l,Se-<0.01mg/l,SO4-43mg/l,Na 2.24mg/l,Ag-<0.001mg/l,Ca-81.4mg /l,HCO3-248mg /l,Fe-0.516mg /l   |
| 80  | poddębicki | Bałdrzychów      | 51 51 29,51 | 18 55 00,99 | -   | 79 | Cr2 | II | temperatura-10.5°C,Mn-0.123mg/l,Ca-68.8mg /l,HCO3-271mg /l,Fe-2.33mg /l   |
| 81  | poddębicki | Dalików          | 51 52 41,43 | 19 05 41,78 | -   | 79 | Q   | II | temperatura-10.5°C,Mn-0.073mg/l,Ca-60.7mg /l,HCO3-212mg /l,Fe-1.43mg /l   |
| 83  | poddębicki | Zadzim           | 51 46 36,76 | 18 50 42,84 | -   | 79 | Cr2 | II | PEW-708μS/cm,Mn-0.234mg/l,Cu-0.0195mg/l,Ca-98.2mg /l,HCO3-327mg /l,Fe-2.12mg /l   |
| 97  | sieradzki  | Gruszczycze      | 51 36 36,62 | 18 28 29,02 | -   | 77 | Q   | I  | pH-7.58pH,TOC-3.15mg/l,PEW-463μS/cm,temperatura-11.3°C,Tlen rozp-2.3mg/l,NH4-0.219mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.589mg/l,NO2-<0.007mg/l,B-<0.01mg/l,Cl-10.6mg/l,Cr-<0.0011mg/l,CN-<0.01mg/l,F-0.11mg/l,PO4-0.144mg/l,Al-<0.009mg/l,Cd-<0.00035mg/l,Mg-8.52mg/l,Mn-0.12mg/l,Cu-<0.0045mg/l,Ni-<0.0078mg/l,Pb-<0.0067mg/l,K-0.577mg/l,Hg-0.000254mg/l,Se-<0.01mg/l,SO4-37.6mg/l,Na-6.6mg/l,Ag-<0.001mg/l,Ca-67.5mg /l,HCO3-227mg /l,Fe-0.788mg /l  |
| 98  | sieradzki  | Czartki          | 51 38 41,59 | 18 47 34,41 | -   | 79 | Q   | I  | pH-7.79pH,TOC-2.49mg/l,PEW-283μS/cm,temperatura-10.5°C,Tlen rozp-4.2mg/l,NH4-0.258mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.589mg/l,NO2-<0.0079mg/l,B-0.019mg/l,Cl-3.2mg/l,Cr-<0.0011mg/l,CN-<0.01mg/l,F-0.197mg/l,PO4-0.297mg/l,Al-<0.009mg/l,Cd-<0.00035mg/l,Mg-3.73mg/l,Mn-0.186mg/l,Cu-<0.0045mg/l,Ni-<0.0078mg/l,Pb-<0.0067mg/l,K-0.649mg/l,Hg-8.7E-5mg/l,Se-<0.01mg/l,SO4-3.15mg/l,Na-2.65mg/l,Ag-<0.001mg/l,Ca-43.1mg /l,HCO3-152mg /l,Fe-0.908mg /l |
| 99  | sieradzki  | Krzaki           | 51 31 05,26 | 18 35 58,23 | -   | 78 | Q   | II | temperatura-11.4°C,Mn-0.1mg/l,Fe-1.11mg /l  |
| 100 | sieradzki  | Nowa Wieś        | 51 27 42,85 | 18 37 54,11 | -   | 78 | Q   | II | temperatura-11.4°C,Mn-0.09mg/l,Ca-53.7mg /l,HCO3-232mg /l,Fe-1.32mg /l  |
| 102 | sieradzki  | Sieradz          | 51 34 49,54 | 18 44 21,60 | 312 | 78 | Cr2 | IV | Hg-0.00119mg/l  |
| 104 | sieradzki  | Małków           | 51 41 27,40 | 18 37 50,79 | -   | 78 | Cr2 | I  | pH-7.79pH,TOC-2.08mg/l,PEW-578μS/cm,temperatura-10.5°C,Tlen rozp-8.5mg/l,NH4-0.279mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.589mg/l,NO2-<0.0079mg/l,B-0.037mg/l,Cl-14.7mg/l,Cr-<0.0011mg/l,CN-<0.01mg/l,F-0.192mg/l,PO4-0.06mg/l,Al-<0.009mg/l,Cd-<0.00035mg/l,Mg-11.4mg/l,Mn-0.101mg/l,Cu-0.0052mg/l,Ni-<0.0078mg/l,Pb-<0.0067mg/l,K-1.59mg/l,Hg-6.4E-5mg/l,Se-<0.01mg/l,SO4-52.5mg/l,Na-3.04mg/l,Ag-<0.001mg/l,Ca-92.3mg /l,HCO3-230mg /l,Fe-0.7mg /l     |
| 106 | sieradzki  | Braszewice       | 51 29 59,81 | 18 26 47,27 | -   | 77 | J3  | II | temperatura-11.8°C,Mn-0.162mg/l,Ca-63.1mg /l,HCO3-257mg /l,Fe-1.62mg /l   |
| 107 | sieradzki  | Burzenin         | 51 27 29,65 | 18 50 01,85 | -   | 77 | J3  | II | PEW-788μS/cm,temperatura-10.7°C,SO4-142mg/l,Ca-131mg /l,HCO3-307mg /l   |
| 108 | sieradzki  | Charlupia Wielka | 51 33 58,25 | 18 38 22,87 | -   | 78 | Q   | I  | pH-7.97pH,TOC-3.58mg/l,PEW-344μS/cm,temperatura-11.5°C,Tlen rozp-1.8mg/l,NH4-0.201mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.589mg/l,NO2-<0.007mg/l,B-<0.01mg/l,Cl-3.85mg/l,Cr-<0.0011mg/l,CN-<0.01mg/l,F-<0.042mg/l,PO4-0.129mg/l,Al-<0.009mg/l,Cd-<0.00035mg/l,Mg-5.21mg/l,Mn-0.121mg/l,Cu-0.006mg/l,Ni-<0.0078mg/l,Pb-<0.0067mg/l,K-0.654mg/l,Hg-0.00017mg/l,Se-<0.01mg/l,SO4-4.37mg/l,Na-3.07mg/l,Ag-<0.001mg/l,Ca-55.1mg /l,HCO3-209mg /l,Fe-0.939mg /l |
| 109 | sieradzki  | Goszczanów       | 51 47 10,59 | 18 30 18,50 | -   | 77 | Cr2 | II | temperatura-11°C,NH4-0.58mg/l,Mn-0.111mg/l,Pb-0.017mg/l,Ca-51.2mg /l,HCO3-232mg /l,Fe-1.05mg /l   |
| 110 | sieradzki  | Broszki          | 51 23 24,31 | 18 39 04,30 | -   | 77 | J3  | II | TOC-6.04mg/l,temperatura-13.8°C,Mn-0.108mg/l,Ca-82.4mg /l,HCO3-284mg /l,Fe-1.94mg /l  |
| 130 | wieluński  | Rychłocice       | 51 23 35,60 | 18 49 08,87 | -   | 77 | J3  | II | temperatura-13°C,Mn-0.066mg/l,Ca-68.5mg /l,HCO3-250mg /l,Fe-1.05mg /l   |

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| 131 | wieluński     | Ożarów                    | 51 08 17,23 | 18 30 31,15 | 325 | 94 | J2  | II  | temperatura-13°C,Mn-0.062mg/l,HCO3-314mg /l,Fe-4.25mg /l  |
| 132 | wieluński     | Wieluń                    | 51 14 14,57 | 18 32 41,64 | -   | 94 | J1  | II  | temperatura-11°C,SO4-64.6mg/l,Ca-120mg /l,HCO3-296mg /l   |
| 133 | wieluński     | Naramice                  | 51 17 45,25 | 18 26 16,24 | -   | 77 | Q   | II  | TOC-7.9mg/l,temperatura-11.5°C,NH4-0.571mg/l,Mn-0.17mg/l,Cu-0.0171mg/l,Ca-93.6mg /l,HCO3-203mg /l,Fe-3.16mg /l  |
| 134 | wieluński     | Poreby                    | 51 14 49,62 | 18 23 21,71 | -   | 77 | J2  | II  | temperatura-14°C,Fe-0.786mg /l  |
| 135 | wieluński     | Osjaków                   | 51 17 11,00 | 18 47 20,74 | 326 | 77 | J3  | II  | Mn-0.154mg/l,Fe-2.56mg /l   |
| 136 | wieluński     | Wielgie                   | 51 20 50,35 | 18 42 58,63 | -   | 77 | J3  | II  | temperatura-10.5°C,NH4-0.578mg/l,Mn-0.099mg/l,Ca-78.7mg /l,HCO3-309mg /l,Fe-2.44mg /l   |
| 137 | wieluński     | Skomlin                   | 51 10 05,00 | 18 23 41,57 | -   | 94 | J   | II  | temperatura-13.5°C,Fe-1.28mg /l   |
| 138 | wieruszowski  | Lututów                   | 51 22 45,02 | 18 26 35,13 | -   | 77 | J3  | II  | temperatura-12.8°C,Mn-0.125mg/l,Cu-0.0123mg/l,Ca-58.1mg /l,HCO3-221mg /l,Fe-1.46mg /l   |
| 139 | wieruszowski  | Sokolniki                 | 51 18 26,12 | 18 19 07,68 | -   | 77 | J3  | II  | temperatura-13.1°C,Mn-0.088mg/l,Fe-0.825mg /l   |
| 140 | wieruszowski  | Osiek                     | 51 21 49,45 | 18 11 36,57 | 311 | 77 | J3  | II  | temperatura-13.9°C,Mn-0.121mg/l,Cu-0.0116mg/l,Ca-66.9mg /l,HCO3-262mg /l,Fe-2.53mg /l   |
| 141 | wieruszowski  | Wieruszów                 | 51 18 25,91 | 18 08 13,85 | 311 | 77 | Q   | III | NO3-29.1mg/l,Ca-105mg /l  |
| 142 | zduńskowolski | Szadek                    | 51 42 11,98 | 18 58 17,33 | -   | 79 | Cr2 | II  | temperatura-10.2°C,Mn-0.15mg/l,Ca-70.3mg /l,HCO3-262mg /l,Fe-1.24mg /l  |
| 144 | zduńskowolski | Zapolice                  | 51 32 26,26 | 18 53 18,71 | -   | 79 | Cr2 | III | Fe-5.17mg /l  |
| 148 | zgierski      | Rąbień                    | 51 47 10,78 | 19 19 13,62 | 401 | 79 | Cr2 | I   | pH-7pH,TOC-3.6mg/l,PEW-439µS/cm,temperatura-11.3°C,Tlen rozp-3mg/l,NH4-0.76mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.085mg/l,Cl-1.8mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.45mg/l,PO4-0.035mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-4.8mg/l,Mn-0.1mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-2.5mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-<0.25mg/l,Na-31mg/l,Ag-<0.001mg/l,Ca-66mg /l,HCO3-322mg /l,Fe-0.081mg /l    |
| 153 | m. Łódź       | Łódź (ul. Bławatna)       | 51 43 42,21 | 19 31 39,68 | 401 | 79 | Cr1 | II  | temperatura-13.7°C,Mn-0.052mg/l   |
| 154 | m. Łódź       | Łódź (ul. Borowa 1)       | 51 46 39,52 | 19 24 29,35 | 401 | 79 | Cr2 | II  | temperatura-10.7°C,Mn-0.226mg/l,SO4-62mg/l,Ca-107mg /l,HCO3-328mg /l  |
| 157 | m. Łódź       | Łódź (ul. Konspiracji)    | 51 41 37,23 | 19 31 15,38 | 401 | 79 | Cr1 | I   | pH-7pH,TOC-2.4mg/l,PEW-443µS/cm,temperatura-10.3°C,Tlen rozp-1mg/l,NH4-0.46mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.025mg/l,Cl-5.6mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.24mg/l,PO4-0.043mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-9.3mg/l,Mn-0.038mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.2mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-20mg/l,Na-5.4mg/l,Ag-<0.001mg/l,Ca-80mg /l,HCO3-290mg /l,Fe-0.051mg /l    |
| 158 | m. Łódź       | Łódź (ul. Konspiracji)    | 51 41 37,35 | 19 31 15,33 | 401 | 79 | Cr2 | III | temperatura-18.3°C  |
| 163 | m. Łódź       | Łódź (ul. Pomorska)       | 51 46 25,21 | 19 34 01,23 | 401 | 79 | Q   | III | NO2-0.31mg/l  |
| 165 | m. Łódź       | Łódź (ul. Pojezierska)    | 51 48 02,33 | 19 24 35,39 | 401 | 79 | Cr1 | III | temperatura-17.8°C  |
| 166 | m. Łódź       | Łódź (ul. Zygmunta)       | 51 42 45,69 | 19 30 58,42 | 401 | 79 | Cr2 | I   | pH-7pH,TOC-3.8mg/l,PEW-450µS/cm,temperatura-10.7°C,Tlen rozp-2.4mg/l,NH4-0.47mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-<0.2mg/l,NO2-<0.013mg/l,B-0.044mg/l,Cl-6.7mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.3mg/l,PO4-0.032mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-8.5mg/l,Mn-0.086mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-1.4mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-25mg/l,Na-7.2mg/l,Ag-<0.001mg/l,Ca-80mg /l,HCO3-286mg /l,Fe-0.025mg /l   |
| 167 | m. Łódź       | Łódź (ul. Czechosłowacka) | 51 46 26,13 | 19 30 40,72 | 401 | 79 | Cr1 | I   | pH-7.1pH,TOC-<1mg/l,PEW-258µS/cm,temperatura-10.9°C,Tlen rozp-2.8mg/l,NH4-<0.05mg/l,Sb-<0.01mg/l,As-<0.01mg/l,NO3-8.6mg/l,NO2-<0.013mg/l,B-<0.01mg/l,Cl-5.2mg/l,Cr-<0.001mg/l,CN-<0.01mg/l,F-0.11mg/l,PO4-0.15mg/l,Al-<0.009mg/l,Cd-<0.0003mg/l,Mg-2.6mg/l,Mn-0.002mg/l,Cu-<0.003mg/l,Ni-<0.003mg/l,Pb-<0.002mg/l,K-0.68mg/l,Hg-<2E-5mg/l,Se-<0.01mg/l,SO4-17mg/l,Na-3.3mg/l,Ag-<0.001mg/l,Ca-49mg /l,HCO3-138mg /l,Fe-0.019mg /l |