```
2)
                                 2006-2008
                                                                                               ).
                                                                                       [3].
                                                                                                           2006 .
                [1, 2].
                                                                                                            5
                                           1 (5, 2009).
                                                                                                                                         2007
                                                      )
                                                  (
                                                                                                            (1)
                                                                           (4),
                                                                                                                                              4 .
                                                                     5)
                                                                                                   5
                                                                                                                                        1
                    .).
                                                                                           8
                                                                                                                                              500
                                                2006-2008
                                                                             ∞ 0,08
                                                                V,%
                   V,%
                                   V,%
                                           X
            X
            0,013
                     39
                           0,015
                                     70
                                           13,078
                                                    14
                                                         2,952
                                                                  14
                                          11,818
11,617
            0,029
                    23
                           0,078
                                     31
                                                    12
                                                         2,585
                                                                  6
       2
            0,012
                    100
                           0,003
                                    155
                                                    10
                                                         1,885
                                                                  37
                                                                                 0,06
                           0,005
                                    109
                                           16,335
                                                         3,218
            0,025
                     55
                                                                  43
            0,008
0,027
                           0,015
0,033
                                           16,480
17,348
                    118
                                    109
                                                    12
                                                          2,375
                                                                  42
                                    125
                                                         2,888
                                                    30
                     88
       4
            0,008
                    118
                           0,012
                                    100
                                           14,967
                                                    58
                                                         4,318
                                                                  53
                                                                                 0,04
            0,022
                    103
                           0,030
                                    105
                                           26,083
                                                    38
                                                         2,675
                                                                  22
            0,007
                           0,010
                                           18,223
                                                         2,095
                                                                  41
                    123
                                     89
                                                    26
                                                         2,103
2,747
            0,018
                    177
                           0,027
                                     66
                                           15,332
                                           20,262
            0,002
                    246
                           0,005
                                    167
                                                                  13
                                                                                 0,02
            0,050
                           0,500
                                           15,000
                                                          2,500
0,001-0,09;
                     - 0,002-0,017;
                                            - 0,234-3,545;
0,066-0,936.
                                                                                                                                     5
                                                                                          30
                                                                                          25
                                                                                          \boldsymbol{20}
                                                                                          15
                                                                                          \boldsymbol{10}
                                                                                            5
                                                                                            0
                                                                                                       2
                                                                                                           2
                                                                                                             3
                                                                                                                  3
                                                                                                                             5
                                                                                                                                 5
(2006-2008
                                              0,3
                                                              2006 .
                                                 3,
```

6•2009 53

```
2006-2008 .
                                                                                                             1,1
                                                                       0,8
                                                                                                        33%
2006-2008
                                                          1.2
                                                   4,7
                            2
                        2
                                                                            " (4 ) –
                                                                                                           (4).
                                                          42%
                                      (2006-2008
                                                     .)
     86%,
                                                          1,2
                                                                                             (2006-2008
                                                                                                          .)
                                                                                                        2006
                                                                                                                 2007
                                      ),
                                                                                                                   1,5
                                                          3,1
                                                                       2008
                                           1,2
5
                                                                             1,3
                                                                                                           3.
                                       2,
                  2007
         2006
                                      2
                                1,5
                        1,2
                    5
                                   2008
                                        2,8
                           2006-2008
                                                  68%
                                                          1.
                                             ),
                                                                           , 1999. – 203 .
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ASSESSING THE ANTHROPOGENIC EFFECT ON THE VARIATION OF OPTICAL PARAMETERS IN RIVER WATER (REPORT 2)

A.M. Raspopina, V.I. Titova*, E.Yu. Geiger*

Federal State Organization on the Engineering Protection of the Cheboksary Reservoir

*Nizhnii Novgorod State Agricultural Academy, pr. Gagarina 97, Nizhnii Novgorod, 603107 Russia Summary. The results of the hydrochemical survey of River P'yana performed in 2006–2008 were analyzed. The effect of point and diffuse contaminated objects on the quality of water in a fishery water body was studied.

Key words: anthropogenic effect, readily oxidizable organic compounds, maximum permissible concentration, fishery norms, diffuse sources, erosion processes, estuary zone.

54 6.2009