

UDC: 628.31(497.11)
DOI: 10.5937/tehnika1606926M

0 - 19%^j

1.

[1].

[2].

A

: 28.10.2016.
: 16.11.2016.

... (...) ...

[2]. ...

... (...) ...

- I (...):
- II (...):
- III (...):
- IV (...):

... , BPK₅, HPK, pH, ...

1. ... [5].

[3, 4].

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•

20
4
[6].
I.

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| | ; |
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| | ; |
| | ; |
| | ; |

[5].
30/10 93/12) („
[5, 6, 7].
“
[6].

65% 2007.

[8, 9].

. 67/11, (2, III-
, 3) [10].

%

(2, 3, 4).

2. (BPK5)

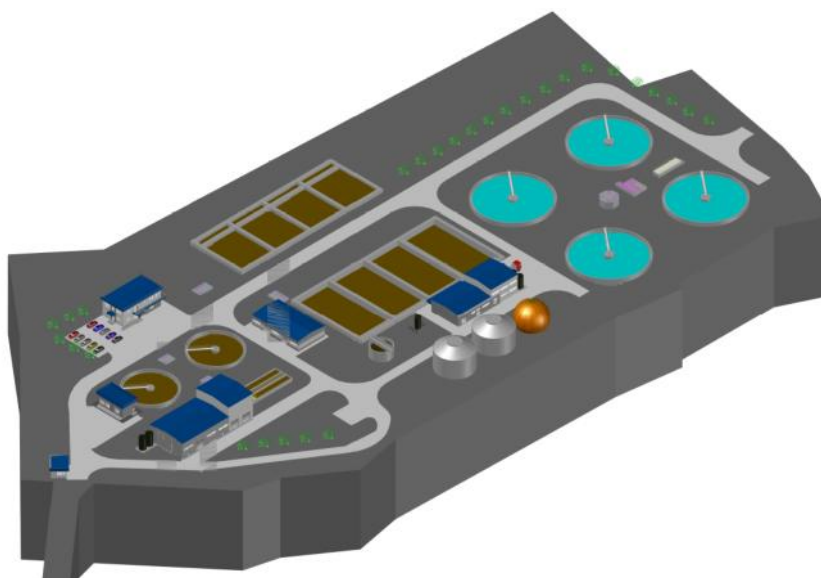
| | - | | D | % | % | |
|-------------|---|-------|------|-------|------|-------|
| | BPK ₅ (mgO ₂ /l) | | 25,0 | 70-90 | | V 055 |
| | | | | | | |
| 26.03.2015. | 77,0 | 77,0 | | | 0,00 | |
| 27.05.2015. | 92,0 | 102,0 | | | 0,00 | |
| 09.06.2015. | 54,0 | 60,0 | | | 0,00 | |
| 08.07.2015. | 31,0 | 73,0 | | | 0,00 | |
| 19.08.2015. | 200,0 | 190,0 | | | 5,00 | |
| 14.10.2015. | 96,0 | 116,0 | | | 0,00 | |
| 17.11.2015. | 194,0 | 184,0 | | | 5,16 | |
| 08.12.2015. | 105,0 | 162,0 | | | 0,00 | |

3. (HPK)

| | - | | D | % | % | |
|-------------|------------------------------|-------|-------|----|------|-------|
| | HPK (mgO ₂ /l) | | 125,0 | 75 | | V 056 |
| | | | | | | |
| 26.03.2015. | 186,0 | 206,0 | | | 0,00 | |
| 27.05.2015. | 212,0 | 244,0 | | | 0,00 | |
| 09.06.2015. | 162,0 | 176,0 | | | 0,00 | |
| 08.07.2015. | 117,0 | 156,0 | | | 0,00 | |
| 19.08.2015. | 860,0 | 830,0 | | | 3,49 | |
| 14.10.2015. | 190,0 | 198,0 | | | 0,00 | |
| 17.11.2015. | 450,0 | 455,0 | | | 0,00 | |
| 08.12.2015. | 234,0 | 375,0 | | | 0,00 | |

4.

| | - | | D | % | % | |
|-------------|-----------------|-------|------|----|-------|--------|
| | e e e (mg/l) | | 35,0 | 90 | | P-IV-9 |
| | | | | | | |
| 26.03.2015. | 117,0 | 140,0 | | | 0,00 | |
| 27.05.2015. | 130,0 | 154,0 | | | 0,00 | |
| 09.06.2015. | 87,0 | 98,0 | | | 0,00 | |
| 08.07.2015. | 56,0 | 82,0 | | | 0,00 | |
| 19.08.2015. | 700,0 | 680,0 | | | 2,86 | |
| 14.10.2015. | 97,0 | 79,0 | | | 18,56 | |
| 17.11.2015. | 260,0 | 286,0 | | | 0,00 | |
| 08.12.2015. | 132,0 | 224,0 | | | 0,00 | |



I -

3.

2, 3 4
(BPK₅, HPK
)

-
HPK

100.000

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(BPK₅,
)
-
-

BPK₅, HPK

5.

a a

4.

(BPK₅, HPK
)

2, 3 4

4 5

| | | | | | | | | | |
|---------------|---------------------------|----|-----|------|--|--|--|---------|---|
| | | | | | | | | | |
| | CPPOV | 1. | 7. | | | | | | |
| | | | | | | | | 37. | - |
| | | | | | | | | 11. 14. | '16', 2016. |
| | | | | | | | | | |
| | | | | [1] | | | | | - |
| | | | | | | | | | , 1998. |
| | | | | [2] | | | | | , 2009. |
| | | | | [3] | | | | | - |
| | | | .1. | | | | | | , 1994. |
| 6. | (BPK ₅ , HPK) | | | [4] | | | | | , 2010. |
| | | | | [5] | | | | | - |
| | | | | | | | | | , 2015. |
| | | | | [6] | | | | | . 30/10. |
| | | | | [7] | | | | | - |
| | | | | | | | | | , 2005. |
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| | | | | [9] | | | | | - |
| | | | | | | | | | . 47/83, 13/84. |
| | | | | [10] | | | | | - |
| | | | | | | | | | . 67/11. |
| | | | | [11] | | | | | - |
| | | | | | | | | | , 2007. |
| (2014 - 2016) | CPPOV | | | [12] | | | | | 42/98, 44/99. |
| | | | | [13] | | | | | - |
| | | | | | | | | | , 2017. |
| | | | | | | | | | 31/82. |

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SUMMARY

WASTE WATER TREATMENT PLANT CITY OF KRALJEVO

In all countries, in the fight for the preservation of environmental protection, water pollution, waste water is one of the very serious and complex environmental problems. Waste waters pollute rivers, lakes, sea and ground water and promote the development of micro-organisms that consume oxygen, which leads to the death of fish and the occurrence of pathogenic microbes. Water pollution and determination of its numerous microbiological contamination, physical agents and various chemical substances, is becoming an increasing health and general social problem. Purification of industrial and municipal waste water before discharge into waterways is of great importance for the contamination of the water ecosystems and the protection of human health. To present the results of purification of industrial and municipal wastewater in the city center Kraljevo system for wastewater treatment. The investigated physical and chemical parameters were performed before and after the city's system for wastewater treatment. The results indicate that the effect of purification present the physical and chemical parameters in waste water ranges from 0 - 19%.

Key words: waste water, purification