

Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

Nr.424 Data 7.08.2013 – Statia Oppler – UP-OPPLER
Nr.425 Data 7.08.2013 – Retea –Oppler - ZAA-OPPLER-1

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE : iesire statie; str.Ferdinand Rest.R.Maria

DATA PRELEVARII : 7.08.2013

DATA EFECTUARII ANALIZEI : 7.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Rezultate obtinute | |
|----------|-------------------------------------------------------|-----------------------------------------------|----------------------------------------------|--------------------|-------|
| | | | | 424 | 425 |
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 2 | 4 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,6 | 0,9 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,7 | 7,6 |
| 6 | Conductivitate (μS/cm) | SR EN 27888 / 1997 | 2500 | 344 | 342 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10 –capat de retea | 0,51 | 0,40 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,65 | 2,65 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 9,21 | 9,21 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥5 | 11,32 | 11,32 |
| 13 | Aluminiu (μg/l) | SR ISO 10566 / 2001 | 200 | 8 | 7 |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,53 | 0,60 |
| 15 | Fier (μg/l) | SR ISO 6332 / 1996 | 200 | - | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | 38 | - |
| 17 | Nr.colonii - 22 C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 2 | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 5 | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | 0 | - |

*Cand sursa este de suprafata.

Nota:

- Raportul de analiza se refera numai la proba de apa specificata.
- Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

 Elaborat,
 Responsabil analiza
 Laborant Simona Sovaiala

 Verificat,
 Responsabil analiza
 Chim.Manuela Tanase

 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu

Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

Nr.426 Data 7.08.2013 – Statia V.Dorului – UP-VALDOR
Nr.427 Data 7.08.2013 – Retea –V.Dorului - ZAA-VALDOR-1

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE : iesire statie; Hotel Mara-bucatarie

DATA PRELEVARII : 7.08.2013

DATA EFECTUARII ANALIZEI : 7.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Rezultate obtinute | |
|----------|-------------------------------------------------------|-----------------------------------------------|---------------------------------------------|--------------------|-------|
| | | | | 426 | 427 |
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 6 | 8 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 1,5 | 1,9 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,8 | 7,7 |
| 6 | Conductivitate (μS/cm) | SR EN 27888 / 1997 | 2500 | 268 | 271 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10–capat de retea | 0,55 | 0,28 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,21 | 2,21 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 12,65 | 12,65 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥5 | 8,55 | 9,24 |
| 13 | Aluminiu (μg/l) | SR ISO 10566 / 2001 | 200 | 50 | 38 |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,70 | 0,73 |
| 15 | Fier (μg/l) | SR ISO 6332 / 1996 | 200 | - | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | 18 | - |
| 17 | Nr.colonii - 22 °C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 2 | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 4 | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | 0 | - |

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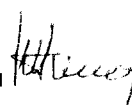
Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control**Raport de analiza****Nr. 428 Data 7.08.2013 – Rezervor Furnica– ZAA-FURNIC -1**
Nr. 429 Data 7.08.2013 – Rezervor Manastire – ZAA-MANAST-1BENEFICIAR : Sinaia
DATA PRELEVARII : 7.08.2013
Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;PUNCT DE RECOLTARE : iesire rezervor
DATA EFECTUARII ANALIZEI : 7.08.2013

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|--------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 428 | 429 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,8 | 0,9 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,50 | 0,47 |
| 3. | Nr.colonii - 22°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 1 |
| 4. | Nr.colonii - 37°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 2 | 3 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

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Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

 Nr. 430 Data 14.08.2013 – Statia Oppler – UP-OPPLER
 Nr. 431 Data 14.08.2013 – Statia V.DORULUI - UP-VALDOR

 BENEFICIAR : Sinaia
 DATA PRELEVARII : 14.08.2013
 Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;

 PUNCT DE RECOLTARE : iesire statie
 DATA EFECTUARII ANALIZEI : 14.08.2013

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|--------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 430 | 431 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,7 | 0,8 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,53 | 0,53 |
| 3. | Nr.colonii - 22°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 2 | 1 |
| 4. | Nr.colonii - 37°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 4 | 3 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

* Cand sursa este de suprafata

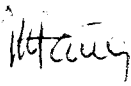
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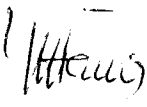
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 Biol.Mioara Enoiu



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Raport de analizaNr. 432 Data 14.08.2013 – Rezervor Furnica – ZAA-FURNICA-1Nr. 433 Data 14.08.2013 – Rezervor Manastire - ZAA-MANAST-1

BENEFICIAR : Sinaia

DATA PRELEVARII : 14.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;

PUNCT DE RECOLTARE : iesire rezervor

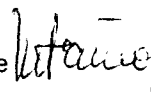
DATA EFECTUARII ANALIZEI : 14.08.2013

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|--------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 432 | 433 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,5 | 0,52 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,51 | 0,50 |
| 3. | Nr.colonii - 22°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 1 |
| 4. | Nr.colonii - 37°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 1 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

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Raport de analiza

Nr. 434 Data 14.08.2013 – Retea Spital – ZAA-SPITAL-2
 Nr. 435 Data 14.08.2013 – Retea Cumpatu – ZAA-CUMPAT-2

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE: Hotel Cristal; Hotel Cumpatu

DATA PRELEVARII : 14.08.2013

DATA EFECTUARII ANALIZEI : 14.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Rezultate obtinute | |
|----------|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------|------|
| | | | | 434 | 435 |
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 7 | 3 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 1,72 | 0,70 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,8 | 7,5 |
| 6 | Conductivitate (μS/cm) | SR EN 27888 / 1997 | 2500 | 310 | 212 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10 – capat de retea | 0,25 | 0,35 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,21 | 1,77 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 12,65 | 9,21 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥ 5 | 9,51 | 6,11 |
| 13 | Aluminiu (μg/l) | SR ISO 10566 / 2001 | 200 | 22 | - |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,59 | 0,56 |
| 15 | Fier (μg/l) | SR ISO 6332 / 1996 | 200 | - | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | - | - |
| 17 | Nr.colonii - 22 C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | - | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | - | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

*Cand sursa este de suprafata.

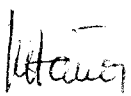
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 Elaborat,
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 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu



Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

Nr. 436 Data 14.08.2013 – Retea V.Dorului – ZAA-VALDOR-1

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE: str. C. Moroieni-mag. alim.

DATA PRELEVARII : 14.08.2013

DATA EFECTUARII ANALIZEI : 14.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Rezultate obtinute |
|----------|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------|
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 4 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,80 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,8 |
| 6 | Conductivitate (μS/cm) | SR EN 27888 / 1997 | 2500 | 274 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10 – capat de retea | 0.32 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,65 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 12,76 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥ 5 | 9,06 |
| 13 | Aluminiu (μg/l) | SR ISO 10566 / 2001 | 200 | 73 |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,51 |
| 15 | Fier (μg/l) | SR ISO 6332 / 1996 | 200 | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | - |
| 17 | Nr.colonii - 22 C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - |

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Nota:

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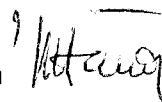
 Elaborat,
 Responsabil analiza
 Laborant Simona Sovaiala



 Verificat,
 Responsabil analiza
 Chim.Manuela Tanase



 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu



Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

 Nr. 464 Data 4.09.2013 – Statia Oppler – UP-OPPLER
 Nr. 465 Data 4.09.2013 – Retea Oppler – ZAA-OPPLER-1

 BENEFICIAR : Sinaia PUNCT DE RECOLTARE: iesire statie; str. Ferdinand-rest. Reg. Maria
 DATA PRELEVARII : 4.09.2013 DATA EFECTUARII ANALIZEI : 4.09.2013
 Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007


| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Rezultate obtinute | |
|----------|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--------------------|-------|
| | | | | 464 | 465 |
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 2 | 3 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,7 | 0,9 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,7 | 7,6 |
| 6 | Conductivitate (µS/cm) | SR EN 27888 / 1997 | 2500 | 354 | 353 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10 – capat de retea | 0,52 | 0,42 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,65 | 2,65 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 7,80 | 7,80 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥ 5 | 11,39 | 11,34 |
| 13 | Aluminiu (µg/l) | SR ISO 10566 / 2001 | 200 | 6 | 6 |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,56 | 0,56 |
| 15 | Fier (µg/l) | SR ISO 6332 / 1996 | 200 | - | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | 36 | - |
| 17 | Nr.colonii - 22 °C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 3 | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | 0 | - |


*Cand sursa este de suprafata.

Nota:

1. Raportul de analiza se refera numai la proba de apa specificata.
2. Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

 Elaborat,
 Responsabil analiza
 Laborant Daniela Ghetu 

 Verificat,
 Responsabil analiza
 Chim. Manuela Tanase 

 Aprobat,
 Sef laborator
 Biol. Mioara Enoiu 

Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

 Nr. 466 Data 4.09.2013 – Statia V.Dorului – UP-VALDOR
 Nr. 467 Data 4.09.2013 – Retea V.Dorului – ZAA-VALDOR-1

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE: iesire statie; Hotel Mara-Bucatarie

DATA PRELEVARII : 4.09.2013

DATA EFECTUARII ANALIZEI : 4.09.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxime admise | Rezultate obtinute | |
|----------|-------------------------------------------------------|-----------------------------------------------|----------------------------------------------|--------------------|-------|
| | | | | 466 | 467 |
| 1 | Miros | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 2 | Gust | SR EN 1622 / 2007 | Nici o modificare anormala | 0 | 0 |
| 3 | Culoare | SR EN ISO 7887 / 2002 | Nici o modificare anormala | 3 | 10 |
| 4 | Turbiditate (UNT) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,8 | 2,2 |
| 5 | pH (unit.pH) | SR EN ISO 10523/1997 | ≥ 6,5 ; ≤ 9,5 | 7,0 | 7,2 |
| 6 | Conductivitate (µS/cm) | SR EN 27888 / 1997 | 2500 | 290 | 296 |
| 7 | Clor rezidual liber (mg/l) | SR EN ISO 7393-2/2002 | 0,50 - iesire statie 0,10 –capat de retea | 0,50 | 0,35 |
| 8 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 0,50 | abs | abs |
| 9 | Nitriti (mg/l) | SR EN 26777:2002 | 0,10 - iesire statie 0,50 - retea | abs | abs |
| 10 | Nitrati (mg/l) | SR EN 7890-3 / 2000 | 50 | 2,21 | 2,21 |
| 11 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 250 | 12,05 | 12,05 |
| 12 | Duritate totala (Suma de calciu si magneziu) gr.germ. | SR ISO 6059 / 2008 | ≥5 | 9,42 | 11,34 |
| 13 | Aluminiu (µg/l) | SR ISO 10566 / 2001 | 200 | 72 | 58 |
| 14 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 0,72 | 0,86 |
| 15 | Fier (µg/l) | SR ISO 6332 / 1996 | 200 | - | - |
| 16 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | 16 | - |
| 17 | Nr.colonii - 22 C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 0 | - |
| 18 | Nr.colonii - 37°C (UFC/ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 0 | - |
| 19 | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 20 | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1/2004 | 0 | 0 | 0 |
| 21 | Enterococi (UFC/100ml) | SR EN ISO 7899-2/2002 | 0 | 0 | 0 |
| 22 | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | 0 | - |

*Cand sursa este de suprafata.

Nota:

- Raportul de analiza se refera numai la proba de apa specificata.
- Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

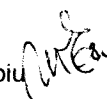
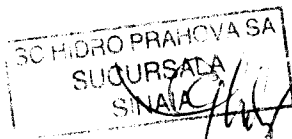
 Elaborat,
 Responsabil analiza
 Laborant Daniela Ghetu



 Verificat,
 Responsabil analiza
 Chim.Manuela Tanase



 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu

Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

Nr. 468 Data 4.09.2013 – Rezervor Furnica – ZAA-FURNIC-1
Nr. 469 Data 4.09.2013 – Rezervor Manastire – ZAA-MANAST-1

 BENEFICIAR : Sinaia
 DATA PRELEVARII : 4.09.2013
 Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;

 PUNCT DE RECOLTARE : iesire rezervor
 DATA EFECTUARII ANALIZEI : 4.09.2013

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|-------------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 468 | 469 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,8 | 0,8 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,52 | 0,50 |
| 3. | Nr.colonii - 22 ^o C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 0 |
| 4. | Nr.colonii - 37 ^o C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 2 | 2 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

* Cand sursa este de suprafata

Nota :

1. Raportul de analiza se refera numai la proba de apa specificata.
2. Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

 Elaborat,
 Responsabil analiza
 Laborant Denisa Mierlita



 Verificat,
 Responsabil analiza
 Chim.Manuela Tanase



 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu



Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza – apa bruta Valea Conci

Nr. 444 Data 20.08.2013

BENEFICIAR : Comarnic

PUNCT DE RECOLTARE : capture

DATA PRELEVĂRII : 20.08.2013

DATA EFECTUĂRII ANALIZEI : 20.08.2013

Metoda de prelevare: conf. SR ISO 5667-1/2007; SR EN ISO 19458/2007

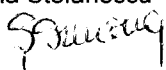
| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori maxim admise | Valori obtinute |
|----------|---------------------------------------------------|--------------------------------------------|---------------------|-----------------|
| 1 | Culoare – dupa filtrare simpla (gr. Pt-Co) | SR ISO 7887 / 1997 | 100 | 50 |
| 2 | pH (unit. pH) | SR EN ISO 10523/1997 | 5,5 - 9 | 8,0 |
| 3 | Temperatura °C | 25 | | 12 |
| 4 | Conductivitate (μS/cm) | SR EN 27888 / 1997 | 1000 | 355 |
| 5 | Amoniu (mg/l) | SR EN 7150-1 / 2001 | 2,5 | abs |
| 6 | Nitriti (mg/l) | SR EN 26777 / C 91 / 2006 | | abs |
| 7 | Nitrati (mg/l) | SR EN 7890-1 / 1998 | 50 | 1,32 |
| 8 | Cloruri (mg/l) | SR ISO 9297 / 2001 | 200 | 10,63 |
| 9 | Determinarea sumei de calciu si magneziu (g.d.) | SR ISO 6059 / 2008 | ≥5 | 11,15 |
| 10 | Calciu (mg/l) | STAS 3662 / 1990 | 100 | 68,93 |
| 11 | Alcalinitate totala (mmol/l HCl) | SR ISO 9963 – 1 / 1997 | | 3,7 |
| 12 | Indice de permanganat (mgO ₂ /l) | SR EN ISO 8467 / 2001 | 5,0 | 1,66 |
| 13 | Oxigen (mg/l) | SR EN 25813 / 2000 | ≥ 6 | 10,11 |
| 14 | Grad de saturatie % | Metoda Winkler | > 50 | 95 |
| 15 | CBO5 (mg / l) | SR EN 1899-2 / 2002 | < 5 | 0,72 |
| 16 | Fier (μg/l) | SR ISO 6332 / C91 / 2006 | 200 | 15 |
| 17 | Sulfati (mg/l) | STAS 3069 / 1987 | 250 | 32 |
| 18 | Materii in suspensie (mg/l) | STAS 6953/1981 | | 20 |
| 20 | Bacterii coliforme (nr./100ml) | SR EN ISO 9308-1/2004 | 5000 | 260 |
| 21 | Escherichia coli (nr./100ml) | SR EN ISO 9308-1/2004 | 2000 | 61 |
| 22 | Enterococi (nr./100ml) | SR EN ISO 7899-2/2002 | 1000 | 38 |
| 23 | Clostridium perfringens * | Legea 458/2002, 311/2004, republicata 2011 | 0 | 0 |

* cand sursa de apa este de suprafata

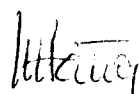
Nota:

- Raportul de analiza se refera numai la proba de apa specificata.
- Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

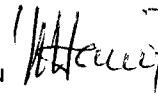
 Elaborat,
 Responsabil analiza
 Laborant Simona Stefanescu



 Verificat,
 Responsabil analiza
 Chim. Manuela Tanase



 Aprobat,
 Sef laborator
 Biol. Mioara Enoiu



Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control

Raport de analiza

Nr. 450 Data 21.08.2013 – Statia Oppler – UP-OPPLER
Nr. 451 Data 21.08.2013 – Statia V.DORULUI - UP-VALDOR

 BENEFICIAR : Sinaia
 DATA PRELEVARII : 21.08.2013
 Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;

 PUNCT DE RECOLTARE : iesire statie
 DATA EFECTUARII ANALIZEI : 21.08.2013

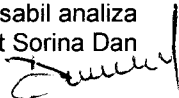
| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|-------------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 450 | 451 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,5 | 0,4 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,50 | 0,52 |
| 3. | Nr.colonii - 22 ^o C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 0 |
| 4. | Nr.colonii - 37 ^o C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 1 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

* Cand sursa este de suprafata

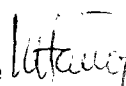
Nota :

1. Raportul de analiza se refera numai la proba de apa specificata.
2. Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

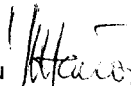
 Elaborat,
 Responsabil analiza
 Laborant Sorina Dan



 Verificat,
 Responsabil analiza
 Chim.Manuela Tanase



 Aprobat,
 Sef laborator
 Biol.Mioara Enoiu



Laborator inregistrat la Ministerul Sanatatii Bucuresti nr. 250/2012 pentru monitorizare de control**Raport de analiza**Nr. 452 Data 21.08.2013 – Rezervor Furnica – ZAA-FURNICA-1Nr. 453 Data 21.08.2013 – Rezervor Manastire - ZAA-MANAST-1

BENEFICIAR : Sinaia

PUNCT DE RECOLTARE : iesire rezervor

DATA PRELEVARII : 21.08.2013

DATA EFECTUARII ANALIZEI : 21.08.2013

Metoda de prelevare : conf. SR EN ISO 5667 – 1/2007; SR EN ISO 5667 – 3/2004; SR EN ISO 19458/2007;

| Nr. crt. | Indicatori analizati | Standardul de analiza | Valori admise | Rezultate obtinute | |
|----------|--------------------------------------|--------------------------------------------|----------------------------|--------------------|------|
| | | | | 452 | 453 |
| 1. | Turbiditate (FNU) | SR EN ISO 7027 / 2001 | ≤ 5 | 0,5 | 0,6 |
| 2. | Clor rezidual liber (mg/l) | SR EN ISO 7393-2 / 2002 | 0,50 | 0,51 | 0,50 |
| 3. | Nr.colonii - 22°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 0 | 1 |
| 4. | Nr.colonii - 37°C (UFC / ml) | SR EN ISO 6222 / 2004 | Nici o modificare anormala | 1 | 1 |
| 5. | Bacterii coliforme (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 6. | Escherichia coli (UFC/100ml) | SR EN ISO 9308-1 / 2004 | 0 | 0 | 0 |
| 7. | Enterococi (UFC/100ml) | SR EN ISO 7899-2 / 2002 | 0 | 0 | 0 |
| 8. | Clostridium perfringens* (nr./100ml) | Legea 458/2002, 311/2004, republicata 2011 | 0 | - | - |

* Cand sursa este de suprafata

Nota :

1. Raportul de analiza se refera numai la proba de apa specificata.
2. Este interzisa reproducerea partiala sau totala a acestui raport de analiza fara aprobarea emitentului.

Elaborat,
Responsabil analiza
Laborant Sorina DanVerificat,
Responsabil analiza
Chim.Manuela TanaseAprobat,
Sef laborator
Biol.Mioara Enoiu