**Załącznik nr 5**

**SZCZEGÓŁOWY OPIS PRZEDMIOTU ZAMÓWIENIA- HARMONOGRAM.**

**Znak sprawy: FZ.38.293.2023.JK**

**HARMONOGRAM 2024 i 2025 rok.**

**WYDZIAŁ EKSPLOATACJI SIECI WOD. - KAN. - EWK**

**ROK 2024 i 2025**

**Pan Michał Iwon , tel. 664 084 843**

1.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **1.** **EWK - Wydział Eksploatacji Sieci Wod. - Kan. punkt poboru w sieci dla dzielnicy Torunia, Rubinkowo ul.Niesiołowskieg 8E - hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Ʃ WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  |  |  |  |  |  |  |  |  |  |

2.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **2**. **EWK - Wydział Eksploatacji Sieci Wod.- Kan. punkt poboru w sieci dla dzielnicy Torunia, Rubinkowo ul.Rydygiera 24 – hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  |  |  |  |  |  | **X** |  |

3.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **3. EWK - Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Mokre ul. Przy Kaszowniku 27 - hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | | **4. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Jakubskie Przedmieście**  **ul. Żółkiewskiego 13-19 – punkt poboru wody dla mieszkańców** | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  |  |  |  |  | **X** |  |  |

4.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **5. EWK - Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Chełmińskie Przedmieście ul. Wybickiego 14 – hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | | **6. EWK - Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia,Mokre ul. Bażyńskich 30/36 – punkt poboru wody dla mieszkańców** | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  |  | **X** |  |  |  |  |  |

5.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **7. EWK - Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Chełmińskie Przedmieście ul. Legionów 70/76 Toruń – punkt poboru wody dla mieszkańców** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Chlorek winylu dla Ciechocinka ul. Wołuszewska pkt.8** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | | **8. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci, Ciechocinek ul. Wołuszewska- komora wodomierza przed zbiornikami wody** | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  | **X** |  |  |  |  |  |  |

6.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **9. EWK - Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Bydgoskie Przedmieście ul. Gagarina 152 - hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  | **X** |  |  |  |  |  |  |  |

7.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **10. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Bydgoskie Przedmieście**  **ul. Gałczyńskiego 51B - hydrofornia** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  | **X** |  |  |  |  |  |  |  |  |

8.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **11. EWK- Wydział Eksploatacji Sieci Wod- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Wrzosy ul. Owsiana 36/38 – pomieszczenie wodomierza** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  | **X** |  |  |  |  |  |  |  |  |  |

9.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **12. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Podgórz**  **ul. Parkowa 22 - Piekarnia Bartkowscy** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | | **13. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Na Skarpie**  **ul. Malinowskiego 4**  **– punkt poboru wody dla mieszkańców** | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  | **X** |  |  |  |  |  |  |  |

10.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **14. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Podgórz**  **ul. Letnia 23B -**  **pomieszczenie wodomierza** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  |  |  |  |  |  |  |  |  |  |

11.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **15**. **EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Stawki**  **ul. Włocławska 167 -**  **Toruński Park Technologiczny** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  |  |  | **X** |  |  |  |  |

12.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **16. EWK- Wydział Eksploatacji Sieci Wod.- Kan.- punkt poboru w sieci dla dzielnicy Torunia, Czerniewice**  **ul. Włocławska 252C -sklep JG Sport** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  |  |  | **X** |  |  |  |  |

**Parametry do wykonania na zlecenie zewnętrzne w ramach monitoringu przeglądowego oraz ich ogólna liczba w 2024 i 2025 roku – woda z sieci wodociągowej.**

|  |  |
| --- | --- |
| **Parametr** | **Ogólna liczba analiz w 2024 i 2025 roku.** |
| **Bor** | **32** |
| **Benzen** | **32** |
| **Antymon** | **32** |
| **Akryloamid** | **32** |
| **Epichlorohydryna** | **32** |
| **Arsen** | **32** |
| **Rtęć** | **32** |
| **Selen** | **32** |
| **Chlorek winylu** | **10** |
| **Benzo(a)piren** | **32** |
| **Suma WWA** | **32** |
| **1,2 dichloropropan** | **32** |
| **1,3 dichloropropen cis** | **32** |
| **1,3 dichloropropen trans** | **32** |
| **1,2 dibromoetan** | **32** |
| **1,2-dibromo-3-chloropropan** | **32** |
| **Chloropiryfos** | **32** |
| **Cypermetryna** | **32** |
| **Deltametryna** | **32** |
| **Diflufenikan** | **32** |
| **Fluopikolid** | **32** |
| **Kaptan** | **32** |
| **Oksyfluorofen** | **32** |
| **Trifloksystrobina** | **32** |
| **λ- cyhalotryna** | **32** |
| **β - cyflutryna** | **32** |
| **Σ pestycydów** | **32** |

**Punkty poboru wody w sieci wodociągowej w 2024 i 2025 roku**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lp** | **Dzielnica** | **Miejsce poboru** | **Adres** | **Woda** |
| **1** | Bydgoskie Przedmieście | Hydrofornia | Gagarina 152 | Głębinowa |
| **2** | Bydgoskie Przedmieście | Hydrofornia | Gałczyńskiego 51B | Głębinowa |
| **3** | Chełmińskie Przedmieście | Punkt poboru wody dla mieszkańców | Legionów 70/76 | Mieszana |
| **4** | Chełmińskie Przedmieście | Hydrofornia | Wybickiego 14 | Mieszana |
| **5** | Czerniewice | Sklep J.G.SPORT | Włocławska 252C | Głębinowa |
| **6** | Jakubskie Przedmieście | Punkt poboru wody dla mieszkańców | Żółkiewskiego 13 - 19 | Mieszana |
| **7** | Mokre | Punkt poboru wody dla mieszkańców | Bażyńskich 30/36 | Mieszana |
| **8** | Mokre | Hydrofornia | Przy Kaszowniku 27 | Mieszana |
| **9** | Na Skarpie | Punkt poboru wody dla mieszkańców | Malinowskiego 4 | Mieszana |
| **10** | Podgórz | Pomieszczenie  wodomierza | Letnia 23B | Głębinowa |
| **11** | Podgórz | Piekarnia Bartkowscy | Parkowa 22 | Głębinowa |
| **12** | Rubinkowo | Hydrofornia | Niesiołowskiego 8E | Mieszana |
| **13** | Rubinkowo | Hydrofornia | Rydygiera 24 | Mieszana |
| **14** | Stawki | Toruński Park Technologiczny | Włocławska 167 | Głębinowa |
| **15** | Ciechocinek | Komora wodomierza przed zbiornikami wody | Wołuszewska 174 | Głębinowa |
| **16** | Wrzosy | Pomieszczenie  wodomierza | Owsiana 36/38 | Mieszana |

**WYDZIAŁ UJĘĆ GRUNTOWYCH- EG**

**ROK 2024**

**Kontakt Pani Renata Gajewska, Tel. 56 65 86 564**

1.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH** SUW Mała Nieszawka  ul. Wodociągowa 28, Toruń  - woda surowa zbiorcza | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  | **X** |  |  |  |  | **X** |  |  |  |

2.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Mała Nieszawka  ul. Wodociągowa 28, Toruń  - woda uzdatniona zbiorcza | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  | **X** |  |  | **X** | |  | **X** |  | **X** |  |

3.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Czerniewice  ul. Gajowa 13, Toruń  – woda surowa zbiorcza | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  | **X** |  |  |  |  | |  | **X** |  |  |  |

4.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Czerniewice  ul. Gajowa 13, Toruń  – woda na wyjściu ze stacji | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  | **X** |  |  |  |  |  | **X** |  |  |  |

5.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH** Przepompownia Stare Bielany, ul. Św. Józefa 37-40, Toruń | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  |  |  |  |  | |  |  |  |  |  |

**WYDZIAŁ UJĘĆ GRUNTOWYCH- EG**

**ROK 2025**

**Kontakt: Pani Renata Gajewska, Tel. 56 65 86 564**

1.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Mała Nieszawka  ul. Wodociągowa 28, Toruń  - woda surowa zbiorcza | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  | **X** |  |  |  | |  | **X** |  |  |  |

2.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Mała Nieszawka  ul. Wodociągowa 28, Toruń  - woda uzdatniona zbiorcza | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  | **X** |  |  | **X** | |  | **X** |  | **X** |  |

3.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Czerniewice,  ul. Gajowa 13, Toruń  - woda surowa zbiorcza | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  | **X** |  |  |  |  | |  | **X** |  |  |  |

4.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  SUW Czerniewice,  ul. Gajowa 13, Toruń  - woda zbiorcza na wyjściu ze stacji | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  | **X** |  |  |  |  |  | **X** |  |  |  |

5.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**  Przepompownia Stare Bielany,  ul. Św. Józefa 37-40, Toruń | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  |  |  |  |  | |  |  |  |  |  |

**Wykaz obiektów z częstotliwością analiz przewidzianych do wykonania w 2024 i 2025 roku**

**EG** **WYDZIAŁ UJĘĆ GRUNTOWYCH**

|  |  |  |
| --- | --- | --- |
| **Lp.** | **Punkty poboru** | **Liczba analiz ogółem w 2024 i 2025 roku** |
| 1. | SUW Mała Nieszawka – woda surowa zbiorcza | 4 |
| 2. | SUW Mała Nieszawka – woda uzdatniona zbiorcza | 10 |
| 3. | SUW Czerniewice – woda surowa zbiorcza | 4 |
| 4. | SUW Czerniewice – woda uzdatniona zbiorcza | 4 |
| 5. | Przepompownia ,,Stare Bielany” | 2 |
|  | **Suma** | **24** |

**Parametry do wykonania na zlecenie zewnętrzne w ramach monitoringu przeglądowego oraz ich ogólna liczba w 2024 i 2025 roku (woda surowa zbiorcza, woda uzdatniona zbiorcza)**

| **Parametr** | **Liczba analiz w 2024 i 2025 roku** |
| --- | --- |
| **Bor** | **24** |
| **Benzen** | **24** |
| **Antymon** | **24** |
| **Akryloamid** | **24** |
| **Epichlorohydryna** | **24** |
| **Arsen** | **24** |
| **Rtęć** | **24** |
| **Selen** | **24** |
| **∑WWA** | **24** |
| **Chlorek winylu** | **8** |
| **Benzo(a)piren** | **24** |
| **1,2 dichloropropan** | **24** |
| **1,3 dichloropropen cis** | **24** |
| **1,3 dichloropropen trans** | **24** |
| **1,2 dibromoetan** | **24** |
| **1,2-dibromo-3-chloropropan** | **24** |
| **Chloropiryfos** | **24** |
| **Cypermetryna** | **24** |
| **Deltametryna** | **24** |
| **Diflufenikan** | **24** |
| **Fluopikolid** | **24** |
| **Kaptan** | **24** |
| **Oksyfluorofen** | **24** |
| **Trifloksystrobina** | **24** |
| **λ- cyhalotryna** | **24** |
| **β - cyflutryna** | **24** |
| **Σ pestycydów** | **24** |

**EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**

**ROK 2024**

**Kontakt: Pani Marta Chojnacka-Graczyk, Tel: 56 65 86 571, 451 070 910**

1.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda surowa - Zatoka** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Chrom sześciowartościowy** | | | | | | |
| **Rozpuszczalne lub zemulgowane węglowodory (ekstrahujące się eterem naftowym)** | | | | | | |
| **Σ WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Azot Kjeldahla** | | | | | | |
| **Fenole (indeks fenolowy)** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  | **X** |  | **X** |  |  |  | **X** |  | **X** |

2.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda surowa zbiorcza - Jedwabno** | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Fenole (indeks fenolowy)** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  | **X** |  | |  |  | **X** |  |  |

3.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda uzdatniona- K-14** | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  | **X** |  | **X** | **X** | | **X** |  | **X** |  | **X** |

**EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**

**ROK 2025**

**Kontakt: Pani Marta Chojnacka-Graczyk, Tel: 56 65 86 571, 451 070 910**

1.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda surowa - Zatoka** | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Chrom sześciowartościowy** | | | | | | |
| **Rozpuszczalne lub zemulgowane węglowodory (ekstrahujące się eterem naftowym)** | | | | | | |
| **Σ WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Azot Kjeldahla** | | | | | | |
| **Fenole (indeks fenolowy)** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  | **X** |  | **X** |  |  |  | **X** |  | **X** |

2.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda surowa zbiorcza - Jedwabno** | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **Fenole (indeks fenolowy)** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  |  |  |  |  | **X** |  | |  |  | **X** |  |  |

3.

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Bor** | | | | | | | **EDJ** **WYDZIAŁ UJĘĆ DRWĘCA- JEDWABNO**  **Lubicz, ul. Dworcowa 1 B**  **woda uzdatniona- K-14** | | | | | |
| **Benzen** | | | | | | |
| **Antymon** | | | | | | |
| **Akryloamid** | | | | | | |
| **Epichlorohydryna** | | | | | | |
| **Arsen** | | | | | | |
| **Rtęć** | | | | | | |
| **Selen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Suma WWA** | | | | | | |
| **Chlorek winylu** | | | | | | |
| **1,2 dichloropropan** | | | | | | |
| **1,3 dichloropropen cis** | | | | | | |
| **1,3 dichloropropen trans** | | | | | | |
| **1,2 dibromoetan** | | | | | | |
| **1,2-dibromo-3-chloropropan** | | | | | | |
| **Chloropiryfos** | | | | | | |
| **Cypermetryna** | | | | | | |
| **Deltametryna** | | | | | | |
| **Diflufenikan** | | | | | | |
| **Fluopikolid** | | | | | | |
| **Kaptan** | | | | | | |
| **Oksyfluorofen** | | | | | | |
| **Trifloksystrobina** | | | | | | |
| **λ- cyhalotryna** | | | | | | |
| **β - cyflutryna** | | | | | | |
| **Σ pestycydów** | | | | | | |
| **Badanie w :** | | | | | | | | | | | | |
| **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | | **VIII** | **IX** | **X** | **XI** | **XII** |
|  | **X** |  | **X** |  | **X** | **X** | | **X** |  | **X** |  | **X** |

**Parametry do wykonania na zlecenie zewnętrzne w ramach monitoringu przeglądowego oraz ich ogólna liczba w 2024 i 2025 roku – woda uzdatniona K-14, woda surowa Zatoka, woda surowa Jedwabno.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lp.** | **Parametr** | **EDJ**  **Komora 14 woda uzdatniona** | **EDJ**  **Zatoka woda surowa** | **EDJ**  **Jedwabno woda surowa** |
| 1. | Antymon | 14 | 8 | 4 |
| 2. | Akryloamid | 14 | 8 | 4 |
| 3. | Epichlorohydryna | 14 | 8 | 4 |
| 4. | Arsen | 14 | 8 | 4 |
| 5. | Benzen | 14 | 8 | 4 |
| 6. | Benzo(a)piren | 14 | 8 | 4 |
| 7. | Bor | 14 | 8 | 4 |
| 8. | Rtęć | 14 | 8 | 4 |
| 9. | Selen | 14 | 8 | 4 |
| 10. | ∑WWA | 14 | 8 | 4 |
| 11. | Chrom sześciowartościowy | 0 | 8 | 0 |
| 12. | Rozpuszczalne lub zemulgowane węglowodory (ekstrahujące się eterem naftowym) | 0 | 8 | 0 |
| 13. | Azot Kjeldahla | 0 | 8 | 0 |
| 14. | Chlorek winylu | 14 | 8 | 4 |
| 15. | Fenole (indeks fenolowy) | 0 | 8 | 4 |
| 16. | 1,2 dichloropropan | 14 | 8 | 4 |
| 17. | 1,3 dichloropropen cis | 14 | 8 | 4 |
| 18. | 1,3 dichloropropen trans | 14 | 8 | 4 |
| 19. | 1,2 dibromoetan | 14 | 8 | 4 |
| 20. | 1,2-dibromo-3-chloropropan | 14 | 8 | 4 |
| 21. | Chloropiryfos | 14 | 8 | 4 |
| 22. | Cypermetryna | 14 | 8 | 4 |
| 23. | Deltametryna | 14 | 8 | 4 |
| 24. | Diflufenikan | 14 | 8 | 4 |
| 25. | Fluopikolid | 14 | 8 | 4 |
| 26. | Kaptan | 14 | 8 | 4 |
| 27. | Oksyfluorofen | 14 | 8 | 4 |
| 28. | Trifloksystrobina | 14 | 8 | 4 |
| 29. | λ- cyhalotryna | 14 | 8 | 4 |
| 30. | β - cyflutryna | 14 | 8 | 4 |
| 31. | Σ pestycydów | 14 | 8 | 4 |

**DZIAŁ HYDROGEOLOGII - EH**

**Rok 2024**

**Kontakt: Pani Jolanta Kachnic, Tel.: 56 65 86 480, 785 797 814**

**1.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fenole** | | | | | | | **EH Ujęcie JEDWABNO**  87-162 Lubicz, ul. Dworcowa 1B  **(9 studni i 5 piezometrów) x 2** | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  |  |  | ***x*** |  |  | |  |  |  | ***x*** |  |

**2.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Suma WWA** | | | | | | | **EH** - **Ujęcie MAŁA NIESZAWKA**  ul. Wodociągowa 28,  Mała Nieszawka  **27 studni i 21 piezometrów x 1** | | | | | |
| **Benzen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Indeks oleju mineralnego** | | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  |  | ***x*** |  |  |  | |  |  |  |  |  |

**3.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Suma WWA** | | | | | | | **EH Ujęcie CZERNIEWICE**  87-100 Toruń; (Czerniewice),  ul. Gajowa 13  **(4 studnie i 4 piezometry) x 2** | | | | | |
| **Benzen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Indeks oleju mineralnego** | | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  | **x** |  |  |  |  | |  |  | **x** |  |  |

**DZIAŁ HYDROGEOLOGII - EH**

**Rok 2025**

**Kontakt: Pani Jolanta Kachnic, Tel.: 56 65 86 480, 785 797 814**

**1.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fenole** | | | | | | | **EH**  **Ujęcie JEDWABNO**  87-162 Lubicz, ul. Dworcowa 1B  **(9 studni i 5 piezometrów) x 2** | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  |  |  | ***x*** |  |  | |  |  |  | ***x*** |  |

**2.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Suma WWA** | | | | | | | **EH** - **Ujęcie MAŁA NIESZAWKA**  ul. Wodociągowa 28,  Mała Nieszawka  **27 studni i 21 piezometrów x 1** | | | | | |
| **Benzen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Indeks oleju mineralnego** | | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  |  | ***x*** |  |  |  | |  |  |  |  |  |

**3.**

| **Zakres Analiz** | | | | | | | **Punkt poboru** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Suma WWA** | | | | | | | **EH Ujęcie CZERNIEWICE**  87-100 Toruń; (Czerniewice),  ul. Gajowa 13  **(4 studnie i 4 piezometry x 2)** | | | | | |
| **Benzen** | | | | | | |
| **Benzo(a)piren** | | | | | | |
| **Indeks oleju mineralnego** | | | | | | |
| ***Badanie w :*** | | | | | | | | | | | | |
| ***I*** | ***II*** | ***III*** | ***IV*** | ***V*** | ***VI*** | ***VII*** | | ***VIII*** | ***IX*** | ***X*** | ***XI*** | ***XII*** |
|  |  | **x** |  |  |  |  | |  |  | **x** |  |  |

**Parametry do wykonania na zlecenie zewnętrzne w ramach monitoringu przeglądowego oraz ich ogólna liczba dla Działu Hydrogeologii EH.**

**W 2024 roku – woda podziemna ze studni i piezometrów i źródeł**

1. **Ujęcie Jedwabno**
2. **Ujęcie Mała Nieszawka**
3. **Ujęcie Czerniewice**

|  |  |  |
| --- | --- | --- |
| Lp. | Parametr | Liczba analiz |
|  | **Fenole** | 28 |
|  | **Suma WWA** | 64 |
|  | **Benzen** | 64 |
|  | **Benzo(a)piren** | 64 |
|  | **Indeks oleju mineralnego** | 64 |

**Pobieranie próbek ze studni i piezometrów powinno być dostosowane do terminów pompowań prowadzonych przez TW – EH (próbki z jednego ujęcia zwykle nie mogą być pobrane w ciągu jednego dnia)**

**UWAGA:**

**Fenole** **–** granica oznaczalności ≤ 0,005 mg/l

**W 2025 roku – woda podziemna ze studni i piezometrów .**

1. **Ujęcie Jedwabno**
2. **Ujęcie Mała Nieszawka**
3. **Ujęcie Czerniewice**

|  |  |  |
| --- | --- | --- |
| Lp. | Parametr | Liczba analiz |
|  | **Fenole** | 28 |
|  | **Suma WWA** | 64 |
|  | **Benzen** | 64 |
|  | **Benzo(a)piren** | 64 |
|  | **Indeks oleju mineralnego** | 64 |

**Pobieranie próbek wód podziemnych ze studni i piezometrów powinno być dostosowane do terminów pompowań prowadzonych przez TW – EH (próbki z jednego ujęcia zwykle nie mogą być pobrane w ciągu jednego dnia)**

**UWAGA:**

**Fenole** **-** granica oznaczalności ≤ 0,001 mg

**WYDZIAŁ OCZYSZCZALNI ŚCIEKÓW – ES**

**Rok 2024 i 2025**

**Kontakt : Pan Tomasz Lewandowski , Tel: 56 65 86 527**

**Badanie ścieków oczyszczonych w lach 2024 i 2025.**

# Miejsce poborów próbek ścieków: Wydział Oczyszczalni Ścieków, ul. Szosa Bydgoska 49

Wylot ścieków z oczyszczalni ścieków Komora K10.

**W roku 2024**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Fenole | 12 | badanie 1 raz w miesiącu |

**W roku 2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Fenole | 12 | badanie 1 raz w miesiącu |

Uwaga: Badania parametrów ścieków oczyszczonych muszą być prowadzone na próbkach średnich dobowych.

**Badanie osadu przefermentowanego z WKF w lach 2024 i 2025.**

# Miejsce poboru próbek ścieków: Wydział Oczyszczalni Ścieków, ul. Szosa Bydgoska 49

WKF nr 1 i WKF nr 2

**W roku 2024**

**WKF nr 1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Lotne kwasy tłuszczowe | 12 | badanie 1 raz w miesiącu |

**WKF nr 2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Lotne kwasy tłuszczowe | 12 | badanie 1 raz w miesiącu |

**W roku 2025**

**WKF nr 1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Lotne kwasy tłuszczowe | 12 | badanie 1 raz w miesiącu |

**WKF nr 2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lp** | **Parametr** | **Ilość** | **Uwagi** |
| 1 | Lotne kwasy tłuszczowe | 12 | badanie 1 raz w miesiącu |

Do wyniku badania prosimy o podanie niepewności.

**Numery kontaktowe :**

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