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|  |  | **Questionnaire ОТ- Т and OT-K** |
| REPUBLIC OF SERBIA |  | Law on Official Statistics, “Official Gazette”, No 104/2009 |
| Statistical Office of the Republic of Serbia |  |

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 **SURVEY ON WASTE TREATMENT AND WASTE TRETMANT FACILITY**

**CAPACITY FOR 2019**

The obligation for provide data is laid down in Article 26, and penalty provisions in Article 52 of the Law on Official Statistics (“Official Gazette of RS“, No 104/2009).

**Data will be used for statistical purposes only and will not be published in form of individual data. All data are subject to confidentiality**

**This questionnaire can be filled in electronically. The electronic form is available at: pod2.stat.gov.rs/unos or** [**www.stat.gov.rs**](http://www.stat.gov.rs/) **(part Surveys) or** [**www.euprava.gov.rs.**](http://www.euprava.gov.rs/)

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|  |  | (name of the legal person – local incorporated unit) |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | Sequence number of the part of the legal person - local incorporated unit |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | **3.** | **Tax identification number** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | **4.** | **Activity** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | **5.** | **Municipality** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | **Sequence number of the questionnaire from the address book** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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Printed in the Statistical office of the Republic of Serbia

www.stat.gov.rs

**Waste treatment in** **2019**

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| --- | --- | --- | --- |
| Sequence number | WASTE TYPE | WASTE GENERATED AND OVERTAKEN AND WASTE FROM STOCKS | TREATMENT OF GENERATED AND OVERTAKEN WASTE |
| Code of wastein accordance with (LoW)1) | Name of waste in accordance with (LoW)2) | Total Waste: 3=(4+5+7+8); 3=(9+10+11+13) | Overtaken waste  | Import code: 1- EU countries; 2- non-EU countries; | Amount of waste generated3) | Stored waste from previous year  | Quantities of waste recovered ▼ and R code ► | R code of treatment | Quantities of waste disposed ▼ and D code ► | D code of treatment | Waste delivered to other legal units for further treatment ► | code of delivery: 1 - in EU ; 2 - other European countries; 3 - Serbia | Waste quantities in the end of the year (in temporary storage) |
| from Republic of Serbia | from abroad |
| tonnes | tonnes | tonnes | tonnes | tonnes | tonnes | tonnes | tonnes |  | tonnes |
| 1 | 2 | а | 3 | 4 | 5 | 6 | 7 | 8 | 9 | b | 10 | c | 11 | 12 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1)2) Codes and names of waste are available on the website of the Statistical Office of the Republic of Serbia: [www.stat.gov.rs](http://www.stat.gov.rs), within the publication Methodological Guidelines accompanying the Questionnaire on waste.

3) Quantity of generated waste must be equal to waste quantity in column 6 of the questionnaire on waste generated in 2019.

Quantities of waste to be indicated in tonnes with three decimals. If the values are indicated in another unit, e.g. m3 or in pieces, and you cannot convert them into tonnes, indicate clearly the unit that you have used.

**INSTRUCTIONS for filling the questionnaire on waste treatment (ОТ-Т)1)**

In the Questionnaire on waste treatment (OT-T), legal entities that have the relevant permit for performing one or more activities regarding the waste management (collection, transport, storage, treatment, disposal) report on waste treated and further operations in 2019.

Other legal entities that use or dispose waste generated in performing their activities also submit report on waste treatment in this questionnaire.

Таble 1: Waste treatment in 2019

|  |  |  |
| --- | --- | --- |
| 2 | The choice of waste code | Enter a six-digit code of waste (index number), which name is to be indicated in column “a”. The classification of waste is available in the List of Waste2), which is the integral part of methodological notes from the Questionnaire on Waste 3), and is used to determine the corresponding waste codes. |
| а | Name of waste |
| Generated (collected) and overtaken waste and waste from stocks  |
| 3 | Total quantities of waste + storage | Enter waste quantity that was overtaken in 2019 from other owners of waste, for further treatment or disposal; enter the own waste that has been treated or disposed and also the quantity that was placed as stock and further treated or disposed in 2018. |
| 4 | Collected or taken waste from Republic of Serbia | Enter waste quantity that was, in 2019, collected or overtaken from other waste owners in the Republic of Serbia, for further treatment or disposal.  |
| 5 | Collected or overtaken waste from abroad  | Enter waste quantity that was, in 2019, collected or overtaken from other waste owners from abroad (imported quantity), for further treatment or disposal. Enter code 1 for waste imported from the EU countries and code 2 for waste imported from other European counties. |
| 6 | Import code  |
| 7 | Amount of waste generated in 2019 | Enter generated (own) waste quantity of legal entities that was treated or disposed in 2019. Quantity of own waste in column 7 of this questionnaire must be equal to waste quantity in column 6 of the Questionnaire on waste generation (OT-S). |
| 8 | Stored waste from previous year  | Enter quantity of waste overtaken for further treatment or disposal, which was temporarily stored in the previous year. |
| Treatment of generated (collected) and overtaken waste  |
| 9 | Waste recovered  | Enter waste quantity that was in 2019 treated in one of (R) operations.  |
| b | (R) code of treatment |
| 10 | Waste disposed | Enter waste quantity that was in 2019 disposed in one of (D) operations.  |
| c |  (D) code of treatment |
| 11 | Waste delivered to other legal entities for further treatment | Enter waste quantity that was in 2019 delivered to other legal entities for further treatment, regardless whether the entities were in the country or abroad, with the corresponding delivery code. Regarding waste exported to any of the EU countries, use code 1; for waste exported to the non-EU countries, enter code 2; for waste delivered to other legal entity in the country, enter code 3.  |
| 12 | Delivery code  |
| 13 | Waste quantities in the end of the year (in temporary storage) | Enter waste quantity that remained in temporary storage in 2019, since it was not, due to various reasons, treated, disposed or delivered to other legal entities for further treatment.  |

Таble 2: Types of recovery and disposal operations

|  |  |
| --- | --- |
| R1 | Use principally as a fuel or other means to generate energy |
| R2 | Solvent reclamation/regeneration |
| R3 | Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) |
| R4 | Recycling/reclamation of metals and metal compounds |
| R5 | Recycling/reclamation of other inorganic materials |
| R6 | Regeneration of acids or bases |
| R7 | Recovery of components used for pollution abatement |
| R8 | Recovery of components from catalysts |
| R9 | Oil re-refining or other reuses of oil |
| R10 | Land treatment resulting in benefit to agriculture or ecological improvement (including – *backfilling*) |
| R11 | Use of wastes obtained from any of the operations numbered R1 to R10 |

|  |  |
| --- | --- |
| D1  | Deposit into or onto land (e.g. landfill, etc.) |
| D2  | Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.) |
| D3  | Deep injection (e.g. injection of pump able discards into wells, salt domes or naturally occurring repositories, etc.) |
| D4  | Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.) |
| D5  | Specially engineered landfill (e.g. placement into lined discrete cells which are capped andisolated from one another and the environment, etc.) |
| D6 | Release into a water body except seas/oceans |
| D10 | Incineration on land |
| D12  | Permanent storage (e.g. emplacement of containers in a mine, etc.) |

**Characteristics of waste treatment facilities for 2019 – Questionnaire OT-K/2019**

**Таble 1. Characteristics of waste treatment facilities in 2019**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Types of facilities by types pof treatment** | **Number of facilities**  | **Capacity of facilities for thermal waste treatment or landfills** | **The remaining landfill capacity** |
|  | 1. | 2. | 3. | 4. |
| 1. | For thermal waste treatment, principally as fuels or other means to generate energy (t/yr) |  |  | x |
| 2. | For thermal waste treatment for disposal  (t/yr) |  |  | x |
| 3. | For waste recovery – other than deposit into or onto land (t/yr) |  | x | x |
| 4. | Landiflls for: | Hazardous waste **(m³)** |  |  |  |
| Non-hazardous waste **(m³)** |  |  |  |
| Inert waste **(m³)** |  |  |  |

**Instructions for filling the Questionnaire on the characteristics of waste treatment facilities (ОТ-К)1)**

Enterprises having a license for waste treatment or disposal report on the number and capacity of facilities in 2019 by means of the Questionnaire on the characteristics of waste treatment facilities (ОТ-К).

Таble 1. Characteristics of waste treatment facilities in 2019

|  |  |  |
| --- | --- | --- |
|  |  | 1. **Facilities for thermal waste treatment, principally as fuels or other means to generate energy**
 |
| 2. | Number of facilities  | Indicate the **number of facilities** (stationary or mobile technical units) for incineration or co-incineration **that use waste as principal or additional fuels to generate energy.**  |
| 3. | Capacity (t/yr) | Indicate the **оperational capacity in tons per year** that should not be larger than the nominal capacity specified in the waste management licence and includes the sum of capacities of all facility furncaces according to manufacturer's specification.Where the operational capacity is larger than the one specified in the licence for waste management, the quantity for which the licence has been issued should be reported.Where there is co-incineration, indicate only the operational capacity reserved for waste entry but not the total capacity of the incineration facility. If there is no data on the capacity for co-incineration, indicate the total amount of waste that was used as fuels for the reference year.  |
|  |  | 1. **Facilities for thermal treatment for disposal**
 |
| 2. | Number of facilities | Indicate the **number of facilities** – (stationary or mobile technical units) for incineration or co-incineration that use waste as principal or additional fuels, **when waste is thermally treated for disposal.** |
| 3. | Capacity (t/yr) | Indicate the **оperational capacity in tons per year** that should not be larger than the nominal capacity specified in the waste management licence and includes the sum of capacities of all facility furnaces according to manufacturer's specification. Where the operational capacity is larger than the one specified in the waste management license, the quantity for which the licence has been issued should be reported.Where there is co-incineration, indicate only the operational capacity reserved for waste entry but not the total capacity of the incineration facility. If there is no data on the capacity for co-incineration, indicate the total amount of waste that was used as fuels for the reference. |
|  |  | 1. **Facilities for waste recovery – other than deposit onto or into land (t/yr)**
 |
| 2. | Number of facilities | Indicate the number of facilities for waste recovery.  |
|  |  | 1. **Landfills for hazardous, non-hazardous and inert waste**
 |
| 2. | Number of landfill  | Indicate the number of landfills by landfill categories (for inert, hazadous or non-hazardous waste). |
| 3. | Total landfill capacity in m³ | Indicate the total landfill capacity in m³.The Rulebook on the content and design of the waste storage, treatment and disposal license („Official Journal of the RS“, number 96/2009) reads that when issueing the waste disposal license one should indicate: landfill class (for inert, hazardous or non-hazardous waste); procedure for waste reception; total landfill capacity; operational plan with the schedule and dynamics of filling up the landfill; plan for closing up and recultivation, as well as financial or corresponding insurance for covering operational costs of the facility, i.e. in case of accdient or damage to third persons. |
| 4 | Remaining landfill capacity in m³ | Indicate the remaining landfill capacity at the end of 2019, in m³. |

1) Questionnaire on waste treatment (ОТ-Т) and Questionnaire on the characteristics of waste treatment facilities (ОТ-К) are available on the website of the Statistical Office of the Republic of Serbia: [www.stat.gov.rs](http://www.stat.gov.rs).

2) Rulebook on waste categories, assessment and classification (“Official Journal of the RS“, number 56/10).

3) Меthodological instructions with the Questionnaire on waste2) are available on the website of the Statistical Office of the Republic of Serbia: [www.stat.gov.rs](http://www.stat.gov.rs).