**Table S3.** DEHP concentrations in groundwater (μg/ L)

|  |  |  |
| --- | --- | --- |
| Year of sampling | Season of sampling | DEHP concentration in groundwater (μg/L)  |
| upstream | downstream |
| 2014 | Summer  | - | - |
| - | - |
| - | - |
| Autumn | - | - |
| - | - |
| - | - |
| Winter | - | - |
| - | - |
| - | - |
| 2015 | Summer  | <LOQ | <LOQ |
| <LOQ | <LOQ |
| <LOQ | <LOQ |
| Autumn | <LOQ | - |
| <LOQ | - |
| <LOQ | - |
| Winter | <LOQ | <LOQ |
| <LOQ | <LOQ |
| <LOQ | <LOQ |
| 2016 | Spring | - | - |
| - | - |
| - | - |
| Summer  | - | - |
| - | - |
| - | - |
| Autumn | 1.5 | - |
| <LOQ | - |
| <LOQ | - |

**Table S4.** DEHP concentrations in raw MSW landfill leachate (μg/L)

|  |  |  |
| --- | --- | --- |
| Year of sampling | Season of sampling | DEHP concentration in leachate (μg/L)  |
|
| 2014 | Summer  | 18.5 |
| 22.3 |
| 17.8 |
| Autumn | 256.7 |
| 394.4 |
| - |
| Winter | 167.0 |
| 184.3 |
| 22.5 |
| 2015 | Summer  | 64.9 |
| 65.4 |
| 73.9 |
| Autumn | 30.2 |
| 58.1 |
| 9.1 |
| Winter | 52.6 |
| 44.6 |
| 34.4 |
| 2016 | Spring | 43.1 |
| 36.0 |
| 32.4 |
| Summer  | 7.5 |
| 12.0 |
| 7.1 |
| Autumn | <LOQ |
| <LOQ |
| <LOQ |

**Table S5.** Observed precipitation at Pruszków weather station [mm]

|  |  |
| --- | --- |
|  | **Year** |
| **Month** | **2014** | **2015** | **2016** |
| January | 60.6 | 42.9 | 21.4 |
| February | 19.0 | 11.0 | 70.5 |
| March  | 35.8 | 33.6 | 31.5 |
| April | 48.8 | 31.2 | 27.7 |
| May  | 87.7 | 39.5 | 30.1 |
| June  | 69.0 | 20.1 | 115.3 |
| July  | 108.4 | 70.2 | 61.4 |
| August | 66.9 | 7.2 | 47.2 |
| September | 20.5 | 36.3 | 31.8 |
| October  | 4.7 | 45.1 | 118.5 |
| November  | 24.1 | 54.8 | 39.4 |
| December  | 76.9 | 15.7 | 72.8 |
| **Total** | **622.4** | **407.6** | **667.6** |