

集中廃棄物処理施設周辺 サブドレン水核種分析結果

I-131 (Bq/cm<sup>3</sup>)

| 測定場所 | 移送後   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|----|
|      | 10/14 | 10/15 | 10/16 | 10/17 | 10/18 | 10/19 | 10/20 | 10/21 | 10/22 | 10/23 | 10/24 | 10/25 | 10/26 | 10/27 | 10/28 | 10/29 | 10/30 | 10/31 | 11/1 | 11/2 |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |
|      | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -    | -  |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |
|      | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -    | -    | -  |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND   | ND |

Cs-134 (Bq/cm<sup>3</sup>)

| 測定場所 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|      | 10/14 | 10/15 | 10/16 | 10/17 | 10/18 | 10/19 | 10/20 | 10/21 | 10/22 | 10/23 | 10/24 | 10/25 | 10/26 | 10/27 | 10/28 | 10/29 | 10/30 | 10/31 | 11/1  | 11/2  |    |
|      | ND    | 0.033 | ND    | ND    | ND    | 0.022 | ND    | 0.018 | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND |
|      | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -  |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND |
|      | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -     | -     | -  |
|      | 0.14  | 0.12  | 0.11  | 0.05  | 0.11  | 0.052 | 0.13  | 0.11  | 0.14  | 0.074 | 0.14  | 0.098 | 0.099 | 0.07  | 0.15  | 0.12  | 0.14  | 0.14  | 0.12  | 0.12  |    |
|      | ND    | 0.036 | 0.029 | 0.027 | 0.052 | 0.045 | 0.044 | 0.029 | 0.04  | ND    | ND    | ND    | 0.03  | 0.033 | 0.036 | ND    | 0.028 | ND    | 0.018 | 0.028 |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND |

Cs-137 (Bq/cm<sup>3</sup>)

| 測定場所 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|
|      | 10/14 | 10/15 | 10/16 | 10/17 | 10/18 | 10/19 | 10/20 | 10/21 | 10/22 | 10/23 | 10/24 | 10/25 | 10/26 | 10/27 | 10/28 | 10/29 | 10/30 | 10/31 | 11/1  | 11/2 |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | 0.023 | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND |
|      | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -  |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND |
|      | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -     | -     | -     | -     | ND    | -     | -     | -     | -    | -  |
|      | 0.21  | 0.18  | 0.18  | 0.075 | 0.2   | 0.098 | 0.23  | 0.2   | 0.19  | 0.099 | 0.23  | 0.17  | 0.14  | 0.11  | 0.22  | 0.21  | 0.2   | 0.23  | 0.22  | 0.21 |    |
|      | 0.027 | 0.026 | 0.051 | 0.054 | 0.067 | 0.076 | 0.069 | 0.046 | 0.04  | 0.028 | 0.022 | ND    | 0.043 | 0.051 | 0.045 | ND    | 0.036 | 0.037 | 0.027 | 0.05 |    |
|      | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND |

「-」はサンプリング・測定を実施していないことを示す。

は が採取不可となったため、地下水流の上流側として選定し、週1回程度の頻度で測定。(H23 4/29 ~)

は地下水流の下流側であることから、追加で測定。(H23 5/26 ~)

を追加で測定。(H23 5/30 ~)

を追加で測定。(H23 8/2 ~)

本分析における放射能濃度の検出限界値 (I-131が約0.01Bq/cm<sup>3</sup>、Cs-134が約0.02Bq/cm<sup>3</sup>、Cs-137が約0.02Bq/cm<sup>3</sup>)

を下回る場合は、「ND」と記載。(H24 11/2)

ただし、検出限界値は検出器や試料性状により異なるため、この値以下でも検出される場合もある。

<測定箇所>

- 4号T/B建屋南東
- プロセス主建屋北東
- プロセス主建屋南東
- プロセス主建屋南西
- 雑固体廃棄物減容処理建屋南
- サイトバンカ建屋南西
- 焼却工作建屋 西側
- 雑固体廃棄物減容処理建屋北
- サイトバンカ建屋南東