

# 福島県原子力発電所周辺環境放射能測定結果（速報）

平成30年度（平成30年5月）測定分

## 1 測定項目

### (1) 空間放射線

| 項目     | 計画地点数 | 調査地点数<br>(5月) | 測定頻度  | 実施機関     |
|--------|-------|---------------|-------|----------|
| 空間線量率  | 39    | 39            | 連続    | 環境創造センター |
| 空間積算線量 | 64    | (結果は3ヵ月毎)     | 3ヵ月積算 |          |

### (2) 環境試料

| 区分   | 試料名    | 計画地点数 | 調査地点数<br>(5月) | 採取回数<br>(5月) | 採取頻度 | 測定試料数(5月)  |    |                  |                |    |    |       | 実施機関 |              |
|------|--------|-------|---------------|--------------|------|------------|----|------------------|----------------|----|----|-------|------|--------------|
|      |        |       |               |              |      | 全β         | γ  | <sup>131</sup> I | <sup>3</sup> H | Sr | Pu | Am,Cm |      |              |
| 大気   | 大気浮遊じん | 17    | 17            | 1            | 毎月   | 連続<br>全α全β | 17 |                  |                |    |    |       |      | 環境創造<br>センター |
|      |        | 25    | 25            | 1            |      |            | 25 |                  |                |    |    |       |      |              |
|      | 大気中水分  | 5     | 5             | 1            | 毎月   |            |    |                  | 5              |    |    |       |      |              |
| 降下物  | 降下物    | 10    | 10            | 1            | 毎月   |            | 10 |                  |                |    |    |       |      |              |
| 土壌   | 土壌     | 15    | 15            | 1            | 年2回  |            | 15 |                  |                |    |    |       |      |              |
|      |        |       |               |              | 年1回  |            |    |                  |                | 15 | 15 | 15    |      |              |
| 陸上   | 水      | 13    | 0             | 0            | 年4回  |            | 0  |                  | 0              |    |    |       |      |              |
|      |        |       |               |              | 年1回  |            |    |                  |                | 0  | 0  |       |      |              |
| 海水   | 水      | 6(*1) | 6(*1)         | 1            | 毎月   | 6          | 6  |                  | 6              | 6  | 6  |       |      |              |
|      |        | 2(*2) | 2(*2)         | 1            | 年4回  | 2          | 2  |                  | 2              |    |    |       |      |              |
|      |        |       |               |              | 年1回  |            |    |                  |                | 2  | 2  |       |      |              |
| 海底土  | 海底土    | 6(*1) | 6(*1)         | 1            | 年4回  |            | 6  |                  |                | 6  | 6  |       |      |              |
|      |        | 2(*2) | 2(*2)         | 1            | 年4回  |            | 2  |                  |                |    |    |       |      |              |
|      |        |       |               |              | 年1回  |            |    |                  |                |    | 2  | 2     |      |              |
| 指標植物 | 松葉     | 15    | 15            | 1            | 年4回  |            | 15 | 15               |                |    |    |       |      |              |

\*1 東京電力ホールディングス(株)福島第一原子力発電所周辺海域

\*2 東京電力ホールディングス(株)福島第二原子力発電所周辺海域

## 2 測定項目（比較対照地点調査）

### (1) 空間放射線

| 項目    | 計画地点数 | 調査地点数<br>(5月) | 測定頻度 | 実施機関     |
|-------|-------|---------------|------|----------|
| 空間線量率 | 3     | 3             | 連続   | 環境創造センター |

### (2) 環境試料

| 区分   | 試料名    | 計画地点数 | 調査地点数<br>(5月) | 採取回数<br>(5月) | 採取頻度 | 測定試料数(5月) |   |                  |                |    |    |       | 実施機関 |
|------|--------|-------|---------------|--------------|------|-----------|---|------------------|----------------|----|----|-------|------|
|      |        |       |               |              |      | 全β        | γ | <sup>131</sup> I | <sup>3</sup> H | Sr | Pu | Am,Cm |      |
| 大気   | 大気浮遊じん | 7     | 7             | 1            | 毎月   |           | 7 |                  |                |    |    |       |      |
|      | 大気中水分  | 1     | 1             | 1            |      |           |   |                  | 1              |    |    |       |      |
| 降下物  | 降下物    | 2     | 2             | 1            | 毎月   |           | 2 |                  |                |    |    |       |      |
| 土壌   | 土壌     | 7     | 7             | 1            | 年1回  |           | 7 |                  |                | 7  | 7  |       |      |
|      |        | 1     | 1             | 1            |      |           |   |                  |                |    | 1  |       |      |
| 陸上   | 水      | 2     | 0             | 0            | 年1回  |           | 0 |                  | 0              |    |    |       |      |
|      |        | 1     |               |              |      |           |   |                  | 0              | 0  |    |       |      |
| 海水   | 水      | 1     | 0             | 0            | 年1回  | 0         | 0 |                  | 0              | 0  | 0  |       |      |
| 海底土  | 海底土    | 1     | 0             | 0            | 年1回  |           | 0 |                  |                | 0  | 0  |       |      |
| 指標植物 | 松葉     | 5     | 5             | 1            | 年4回  |           | 5 | 5                |                |    |    |       |      |

(注) 次ページ以降の黄色網掛け部分が、今回の公表分です。





| No. | 測定年月<br>測定項目<br>測定地点名                              | H30.4            |      | 5                |      | 6   |      | 7   |      | 8   |      | 9   |      | 10  |      | 11  |      | 12  |      | H31.1 |      | 2   |      | 3   |      |
|-----|--|------------------|------|------------------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-------|------|-----|------|-----|------|
|     |  | 線量率              | 測定時間 | 線量率              | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 | 線量率   | 測定時間 | 線量率 | 測定時間 | 線量率 | 測定時間 |
| 28  | 浪江町 請 <sup>う</sup> 戸 <sup>こ</sup> *1               | 115<br>(132)     | 720  | 114<br>(133)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 29  | 浪江町 棚 <sup>な</sup> 塩 <sup>しほ</sup> *1              | 81<br>(105)      | 720  | 80<br>(103)      | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 30  | 浪江町 浪 <sup>な</sup> 江 <sup>か</sup>                  | 155<br>(167)     | 720  | 154<br>(163)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 31  | 浪江町 幾 <sup>よ</sup> 世 <sup>よ</sup> 橋 <sup>はし</sup>  | 99<br>(119)      | 720  | 98<br>(112)      | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 32  | 浪江町 大 <sup>おほ</sup> 柿 <sup>かき</sup> ダム             | 796<br>(813)     | 720  | 795<br>(813)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 33  | 浪江町 南 <sup>みな</sup> 津 <sup>つ</sup> 島 <sup>しま</sup> | 1,170<br>(1,220) | 720  | 1,170<br>(1,220) | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 34  | 葛尾村 夏 <sup>なつ</sup> 湯 <sup>ゆ</sup>                 | 149<br>(164)     | 720  | 148<br>(160)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 35  | 南相馬市 泉 <sup>いずみ</sup> 沢 <sup>ざ</sup>               | 122<br>(148)     | 720  | 120<br>(134)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 36  | 南相馬市 横 <sup>よこ</sup> 川 <sup>かわ</sup> ダム            | 245<br>(255)     | 720  | 242<br>(253)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 37  | 南相馬市 萱 <sup>いば</sup> 浜 <sup>はま</sup>               | 46<br>(59)       | 720  | 46<br>(71)       | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 38  | 飯館村 伊 <sup>い</sup> 丹 <sup>たん</sup> 沢 <sup>ざ</sup>  | 170<br>(178)     | 720  | 167<br>(188)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |
| 39  | 川俣町 山 <sup>やま</sup> 木 <sup>き</sup> 屋 <sup>や</sup>  | 147<br>(158)     | 720  | 142<br>(160)     | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |

(注) 1 No.の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域

2 \*1 可搬型モニタリングポストによる測定

3 \*2 空間線量率の測定はモニタリングポスト (NaIシンチレーション検出器、単位：ナノグレイ/時) により行ったが、概ね10,000nGy/h (10μGy/h)を超えた場合は、

併設している高線量用モニタリングポスト (電離箱検出器、単位：ナノグレイ/時) の測定値で補完した。





(単位 mGy)

| No. | 測定地点名     | 測定項目 | 測定期間 |      | 測定期間 |      | 測定期間 |      | 測定期間 |      |
|-----|-----------|------|------|------|------|------|------|------|------|------|
|     |           |      | 積算線量 | 測定日数 | 積算線量 | 測定日数 | 積算線量 | 測定日数 | 積算線量 | 測定日数 |
| 45  | 浪江町 津島    |      |      |      |      |      |      |      |      |      |
| 46  | 葛尾村 大畠    |      |      |      |      |      |      |      |      |      |
| 47  | 葛尾村 落合    |      |      |      |      |      |      |      |      |      |
| 48  | 葛尾村 野行    |      |      |      |      |      |      |      |      |      |
| 49  | 南相馬市 浦尻   |      |      |      |      |      |      |      |      |      |
| 50  | 南相馬市 みなが谷 |      |      |      |      |      |      |      |      |      |
| 51  | 南相馬市 かわぶき |      |      |      |      |      |      |      |      |      |
| 52  | 南相馬市 関場   |      |      |      |      |      |      |      |      |      |
| 53  | 南相馬市 高    |      |      |      |      |      |      |      |      |      |
| 54  | 南相馬市 大木戸  |      |      |      |      |      |      |      |      |      |
| 55  | 南相馬市 晝浜   |      |      |      |      |      |      |      |      |      |
| 56  | 南相馬市 大原   |      |      |      |      |      |      |      |      |      |
| 57  | 南相馬市 川子   |      |      |      |      |      |      |      |      |      |
| 58  | 飯館村 蔵平    |      |      |      |      |      |      |      |      |      |
| 59  | 飯館村 長泥    |      |      |      |      |      |      |      |      |      |
| 60  | 飯館村 飯樋    |      |      |      |      |      |      |      |      |      |
| 61  | 飯館村 白石    |      |      |      |      |      |      |      |      |      |
| 62  | 飯館村 草野    |      |      |      |      |      |      |      |      |      |
| 63  | 川俣町 山木屋坂下 |      |      |      |      |      |      |      |      |      |
| 64  | 川俣町 山木屋   |      |      |      |      |      |      |      |      |      |

注) 1 ( ) 内は90日換算値

2 No. の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域

5-2 調査材料

5-2-1 大気浮遊じん中の全アルファ放射能及び全ベータ放射能

| No. | 測定地名   | 測定項目         | 測定年月             |          |                  |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|-----|--|--------------|------------------|----------|------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|     |  |              | H30.4            |          | 5                |          | 6       |          | 7       |          | 8       |          | 9       |          | 10      |          | 11      |          | 12      |          | H31.1   |          | 2       |          | 3       |          |
|     |  |              | 測定<br>値          | 測定<br>時間 | 測定<br>値          | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 | 測定<br>値 | 測定<br>時間 |
| 1   | いわき市 <small>いわき</small> 小 <small>こ</small> 川 <small>がわ</small>   | 全アルファ<br>放射能 | 0.044<br>(0.26)  | 684      | 0.032<br>(0.15)  | 732      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.068<br>(0.34)  | 684      | 0.054<br>(0.20)  | 732      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 2   | 田村市 <small>たむら</small> 都 <small>つと</small> 馬 <small>ま</small> 渡 <small>わた</small> 戸 <small>と</small>   | 全アルファ<br>放射能 | 0.013<br>(0.10)  | 720      | 0.014<br>(0.10)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.034<br>(0.16)  | 720      | 0.037<br>(0.16)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 3   | 広野町 <small>ひろの</small> 小 <small>こ</small> 滝 <small>たき</small> 川 <small>がわ</small>                      | 全アルファ<br>放射能 | 0.015<br>(0.065) | 720      | 0.017<br>(0.067) | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.037<br>(0.11)  | 720      | 0.041<br>(0.12)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 4   | 楢葉町 <small>のがは</small> 米 <small>こめ</small> 戸 <small>と</small> ダ <small>た</small> ム <small>む</small>    | 全アルファ<br>放射能 | 0.021<br>(0.089) | 720      | 0.024<br>(0.11)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.042<br>(0.13)  | 720      | 0.046<br>(0.15)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 5   | 楢葉町 <small>のがは</small> 繁 <small>はら</small> 小 <small>こ</small> 川 <small>がわ</small>                      | 全アルファ<br>放射能 | 0.020<br>(0.17)  | 720      | 0.023<br>(0.15)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.045<br>(0.28)  | 720      | 0.050<br>(0.25)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 6   | 富岡町 <small>とみおか</small> 電 <small>でん</small> 小 <small>こ</small> 川 <small>がわ</small>                     | 全アルファ<br>放射能 | 0.019<br>(0.13)  | 720      | 0.018<br>(0.097) | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.068<br>(0.38)  | 720      | 0.067<br>(0.29)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 7   | 川内村 <small>かわうち</small> 下 <small>した</small> 小 <small>こ</small> 川 <small>がわ</small> 内 <small>うち</small> | 全アルファ<br>放射能 | 0.028<br>(0.13)  | 720      | 0.031<br>(0.12)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.051<br>(0.18)  | 720      | 0.055<br>(0.16)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| 8   | 大郷町 <small>おほご</small> 大 <small>おほ</small> 小 <small>こ</small> 川 <small>がわ</small> 野 <small>の</small>   | 全アルファ<br>放射能 | 0.016<br>(0.091) | 720      | 0.017<br>(0.088) | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|     |  | 全ベータ<br>放射能  | 0.067<br>(0.29)  | 720      | 0.070<br>(0.27)  | 744      |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |

単位:放射能濃度:Bg/m<sup>3</sup> 測定時間:h  
上段:平均値(下段):最大値



| No. | 測定地名          | 測定項目  | H30.4   |      | 5       |      | 6   |      | 7   |      | 8   |      | 9   |      | 10  |      | 11  |      | 12  |      | H31.1 |      | 2   |      | 3   |      |  |
|-----|---------------|-------|---------|------|---------|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-------|------|-----|------|-----|------|--|
|     |               |       | 測定値     | 測定時間 | 測定値     | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 | 測定値   | 測定時間 | 測定値 | 測定時間 | 測定値 | 測定時間 |  |
| 9   | 大瀬町<br>たつとぎ次  | 全アルファ | 0.018   | 720  | 0.018   | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.12)  |      | (0.095) |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 10  | 双葉町<br>おひやま山  | 全ベータ  | 0.077   | 720  | 0.078   | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.37)  |      | (0.30)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 11  | 浪江町<br>幾上世橋   | 全アルファ | 0.016   | 720  | 0.017   | 684  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.093) |      | (0.077) |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 12  | 浪江町<br>大船ダム   | 全ベータ  | 0.036   | 720  | 0.036   | 684  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.14)  |      | (0.13)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 13  | 葛尾村<br>夏っ湯    | 全アルファ | 0.027   | 720  | 0.027   | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.15)  |      | (0.16)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 14  | 藤相馬市<br>イサキス次 | 全ベータ  | 0.047   | 720  | 0.048   | 702  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.20)  |      | (0.22)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 15  | 藤相馬市<br>いば紙   | 全アルファ | 0.033   | 720  | 0.030   | 684  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.15)  |      | (0.13)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 16  | 飯沼村<br>いとださ次  | 全ベータ  | 0.075   | 720  | 0.071   | 684  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.28)  |      | (0.23)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
| 17  | 川俣町<br>山木屋    | 全アルファ | 0.048   | 720  | 0.047   | 744  |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |
|     |               | 放射能   | (0.30)  |      | (0.25)  |      |     |      |     |      |     |      |     |      |     |      |     |      |     |      |       |      |     |      |     |      |  |

注) 1 No.の欄付け部分は東京電力がアルファベータ線型NaIシンチレーション型検出器を用いた測定結果を示す。

5-2-2 大気浮遊じん核種濃度

| No. | 地点名                                      | 採取期間                  | 核種濃度 (mBq/m <sup>3</sup> ) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |       |       |    |    |
|-----|--|-----------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|----|-------|-------|----|----|
|     |  |                       | <sup>51</sup> Cr           | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |    |       |       |    |    |
| 1   | いわき市<br>おがわ小川<br>(連続ダストモニタ)              | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    |    |    |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    | ND |    |
| 2   | 田村市<br>みよこしよまみらいど<br>都路馬洗戸<br>(連続ダストモニタ) | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.005 | ND    | ND |    |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    | ND | ND |
| 3   | 広野町<br>こまねから<br>小滝平<br>(連続ダストモニタ)        | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    | ND | ND |
| 4   | 榎葉町<br>きど<br>木戸ダム<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.004 | ND    | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND    | ND | ND |
| 5   | 榎葉町<br>ほげおが<br>繁岡<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.013 | 0.12  | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.016 | 0.14  | ND | ND |
| 6   | 富岡町<br>とみおが<br>富岡<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.005 | 0.043 | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.022 | ND | ND |
| 7   | 川内村<br>しもがわ<br>下川内<br>(連続ダストモニタ)         | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.010 | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.008 | ND | ND |
| 8   | 大熊町<br>おお<br>大野<br>(連続ダストモニタ)            | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.005 | 0.043 | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.006 | 0.045 | ND | ND |
| 9   | 大熊町<br>おつとど<br>夫沢<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.035 | 0.33  | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.098 | ND | ND |
| 10  | 双葉町<br>こおりやま<br>郡山<br>(連続ダストモニタ)         | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.053 | 0.52  | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.043 | 0.43  | ND | ND |
| 11  | 浪江町<br>きよはし<br>幾世橋<br>(連続ダストモニタ)         | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.042 | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | 0.049 | ND | ND |
| 12  | 浪江町<br>おがき<br>大稲ダム<br>(連続ダストモニタ)         | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.011 | 0.094 | ND | ND |
|     |  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.010 | 0.10  | ND | ND |

| No. | 地点名                               | 採取期間                  | 核種濃度 (mBq/m <sup>3</sup> ) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |
|-----|-----------------------------------|-----------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|----|
|     |                                   |                       | <sup>51</sup> Cr           | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |    |
| 13  | 葛尾村<br>夏湯<br>(連続ダストモニタ)           | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.006             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.013             | ND |
| 14  | 南相馬市<br>泉沢<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.039             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.017             | ND |
| 15  | 南相馬市<br>豊浜<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.024             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.024             | ND |
| 16  | 飯沼村<br>伊丹沢<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.016             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.029             | ND |
| 17  | 川俣町<br>山木屋<br>(連続ダストモニタ)          | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.013             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.013             | ND |
| 18  | いわき市<br>久之浜<br>(リアルタイム<br>ダストモニタ) | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND |
| 19  | いわき市<br>下榑売<br>(リアルタイム<br>ダストモニタ) | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND |
| 20  | いわき市<br>川前<br>(リアルタイム<br>ダストモニタ)  | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.021             | ND |
| 21  | 大熊町<br>向畑<br>(リアルタイム<br>ダストモニタ)   | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.11              | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.10              | ND |
| 22  | 双葉町<br>山田<br>(リアルタイム<br>ダストモニタ)   | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.097             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.14              | ND |
| 23  | 双葉町<br>新山<br>(リアルタイム<br>ダストモニタ)   | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.10              | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | 0.057             | 0.18              | ND |
| 24  | 双葉町<br>上羽鳥<br>(リアルタイム<br>ダストモニタ)  | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.059             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.095             | ND |
| 25  | 浪江町<br>南津島<br>(リアルタイム<br>ダストモニタ)  | H30. 4. 1 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.062             | ND |
|     |                                   | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.062             | ND |



| No. | 地点名                              | 採取期間                  | 核種濃度 (mBq/m <sup>3</sup> ) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |    |    |    |    |    |    |    |
|-----|----------------------------------|-----------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|----|----|----|----|----|----|----|----|
|     |                                  |                       | <sup>51</sup> Cr           | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |    |    |    |    |    |    |    |    |
| 39  | 川内村<br>上川内<br>(簡易型ダスト<br>サンブラー)  | H30. 4. 2 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND |    |    |    |    |
|     |                                  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND |    |    |    |
|     |                                  | ~                     |                            |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |    |    |    |    |    |    |    |
| 40  | 南相馬市<br>馬場<br>(簡易型ダスト<br>サンブラー)  | H30. 4. 2 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND |    |    |    |
|     |                                  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND | ND |    |    |
|     |                                  | ~                     |                            |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |    |    |    |    |    |    |    |
| 41  | 南相馬市<br>大木戸<br>(簡易型ダスト<br>サンブラー) | H30. 4. 2 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND | ND |    |    |
|     |                                  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND | ND | ND |    |
|     |                                  | ~                     |                            |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |    |    |    |    |    |    |    |
| 42  | 南相馬市<br>権原<br>(簡易型ダスト<br>サンブラー)  | H30. 4. 2 ~ H30. 5. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND | ND | ND |    |
|     |                                  | H30. 5. 1 ~ H30. 6. 1 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND | ND | ND | ND | ND | ND | ND |
|     |                                  | ~                     |                            |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |    |    |    |    |    |    |    |

(注) 1 No. の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域

2 [ND]：検出限界未満

3 上記の他、人工放射性核種は検出されなかった。

4 <sup>134</sup>Cs及び<sup>137</sup>Csの検出限界値：連続ダストモニタはおおむね0.01 mBq/m<sup>3</sup>以下、リアルタイムダストモニタはおおむね0.06 mBq/m<sup>3</sup>以下、

ダストサンブラーはおおむね0.1 mBq/m<sup>3</sup>以下、簡易型ダストサンブラーはおおむね0.03 mBq/m<sup>3</sup>以下、

簡易型ダストサンブラー（1日集じん）はおおむね0.05 mBq/m<sup>3</sup>以下である。

5-2-3 大気中水分のトリチウム濃度

| No. | 地点名                   | 採取期間                  | トリチウム濃度                        |                       | 備考  |
|-----|-----------------------|-----------------------|--------------------------------|-----------------------|-----|
|     |                       |                       | 大気中濃度<br>(mBq/m <sup>3</sup> ) | (参考値) 捕集水濃度<br>(Bq/l) |     |
| 1   | 檜葉町<br>しげ<br>おか<br>岡  | H30. 4. 4 ~ H30. 5. 1 | 6.0                            | 0.69                  | 8.7 |
|     |                       | H30. 5. 1 ~ H30. 6. 1 | 9.1                            | 0.84                  | 11  |
|     |                       | ~                     |                                |                       |     |
| 2   | 富岡町<br>とみ<br>おか<br>岡  | H30. 4. 5 ~ H30. 5. 1 | 6.5                            | 0.78                  | 8.3 |
|     |                       | H30. 5. 1 ~ H30. 6. 1 | 10                             | 0.96                  | 11  |
|     |                       | ~                     |                                |                       |     |
| 3   | 大熊町<br>おお<br>の<br>野   | H30. 4. 4 ~ H30. 5. 1 | 7.0                            | 0.87                  | 8.0 |
|     |                       | H30. 5. 1 ~ H30. 6. 1 | 12                             | 1.1                   | 11  |
|     |                       | ~                     |                                |                       |     |
| 4   | 大熊町<br>おと<br>きわ<br>沢  | H30. 4. 4 ~ H30. 5. 1 | 51                             | 5.9                   | 8.6 |
|     |                       | H30. 5. 1 ~ H30. 6. 1 | 64                             | 5.4                   | 12  |
|     |                       | ~                     |                                |                       |     |
| 5   | 双葉町<br>ふたば<br>やま<br>山 | H30. 4. 4 ~ H30. 5. 1 | 36                             | 4.2                   | 8.6 |
|     |                       | H30. 5. 1 ~ H30. 6. 1 | 56                             | 4.7                   | 12  |
|     |                       | ~                     |                                |                       |     |

(注) 1 No.の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域

2 「ND」：検出限界未満

3 検出限界値はおおむね5mBq/m<sup>3</sup>以下

5-2-4 降下物の核種濃度

| No. | 地点名          | 採取期間                  | 核種濃度 (Bq/m <sup>2</sup> (MBq/km <sup>2</sup> )) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |     |    |
|-----|--------------|-----------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-----|----|
|     |              |                       | <sup>51</sup> Cr                                | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>133</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |     |    |
| 1   | いわさき市<br>久之浜 | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.56              | 5.1 | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.22              | 2.3 | ND |
| 2   | 田村市<br>都路    | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 1.3               | 12  | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.34              | 3.4 | ND |
| 3   | 富岡町<br>富岡    | H30. 4. 2 ~ H30. 5. 1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 1.6               | 14  | ND |
|     |              | H30. 5. 1 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.79              | 7.3 | ND |
| 4   | 大熊町<br>大野    | H30. 4. 2 ~ H30. 5. 1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 15                | 130 | ND |
|     |              | H30. 5. 1 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 5.8               | 54  | ND |
| 5   | 双葉町<br>山     | H30. 4. 2 ~ H30. 5. 1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 16                | 160 | ND |
|     |              | H30. 5. 1 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 8.5               | 79  | ND |
| 6   | 南相馬市<br>晝    | H30. 4. 2 ~ H30. 5. 1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.96              | 8.4 | ND |
|     |              | H30. 5. 1 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 0.56              | 4.9 | ND |
| 7   | 浪江町<br>浪江    | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 1.5               | 14  | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 2.1               | 19  | ND |
| 8   | 浪江町<br>津島    | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 3.4               | 31  | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 6.9               | 61  | ND |
| 9   | 葛尾村<br>相原    | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 2.8               | 23  | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 5.4               | 48  | ND |
| 10  | 川俣町<br>山木屋   | H30. 4. 3 ~ H30. 5. 2 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 1.7               | 13  | ND |
|     |              | H30. 5. 2 ~ ~         | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | 1.9               | 15  | ND |

(注) 1 No. の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域

2 「ND」：検出限界未満







| 試料名 | 種類<br>又は<br>部位 | 採取<br>年月日 | 単位       | 全体的<br>放射性<br>濃度 | 核 種 濃 度          |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |                |                  |                  |                  |                   | 天然<br>核種 |                   |                   |                   |                   |    |    |     |    |
|-----|----------------|-----------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|----------------|------------------|------------------|------------------|-------------------|----------|-------------------|-------------------|-------------------|-------------------|----|----|-----|----|
|     |                |           |          |                  | <sup>60</sup> Cr | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>93</sup> Nb | <sup>100</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce | <sup>3</sup> H | <sup>127</sup> I | <sup>87</sup> Sr | <sup>90</sup> Sr | <sup>238</sup> Pu |          | <sup>239</sup> Pu | <sup>240</sup> Pu | <sup>241</sup> Am | <sup>244</sup> Cm |    |    |     |    |
| 松 葉 | 2年葉            | 5         | 富岡町 小浜   | Bq/kg生           | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | 62                |                   |    |    |     |    |
|     |                | 6         | 川内村 上川内  |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | 70 |    |     |    |
|     |                | 7         | 大熊町 夫沢   |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | 63 |     |    |
|     |                | 8         | 大熊町 大川原  |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | 83  |    |
|     |                | 9         | 双葉町 郡山   |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | 45  |    |
|     |                | 10        | 浪江町 北幾世橋 |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | 110 |    |
|     |                | 11        | 葛尾村 柏原   |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | 81  |    |
|     |                | 12        | 南相馬市 浦原  |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | ND  | 58 |
|     |                | 13        | 飯館村 磯豆   |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | ND  | 73 |
|     |                | 14        | 飯館村 長泥   |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | ND  | 66 |
|     |                | 15        | 川俣町 山木屋  |                  | /                | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND             | ND               | ND               | ND               | ND                | ND       | ND                | ND                | ND                | ND                | ND | ND | ND  | 65 |

(注) 1 土壌及び松葉のNo.の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所から半径5km未満の地域、海水及び海底土のNo.の網掛け部分は東京電力ホールディングス株式会社福島第一原子力発電所の放排水口付近

2 [ND]：検出限界未満 「/」：対象外核種 「-」：欠測

3 第一(発)：東京電力ホールディングス株式会社福島第一原子力発電所 第二(発)：東京電力ホールディングス株式会社福島第二原子力発電所

4 上記の他、人工放射性核種は検出されなかった。

5 \*1 水道未復旧のため試料を採取できず、欠測となった。



5-3-2 大気浮遊じん核種濃度 (比較対照地点)

| No. | 地点名                        | 採取期間                | 核種濃度 (mBq/m <sup>3</sup> ) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |    |       |    |    |
|-----|----------------------------|---------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|----|-------|----|----|
|     |                            |                     | <sup>51</sup> Cr           | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |    |       |    |    |
| 1   | 福島市<br>(簡易型ダスト<br>サンプラー)   | H30.4.3 ~ H30.4.4   | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.056 | ND |    |
|     |                            | H30.5.15 ~ H30.5.16 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
| 2   | 会津若松市<br>(簡易型ダスト<br>サンプラー) | H30.4.5 ~ H30.4.6   | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.14 ~ H30.5.15 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
| 3   | 郡山市<br>(簡易型ダスト<br>サンプラー)   | H30.4.11 ~ H30.4.12 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.21 ~ H30.5.22 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.040 | ND | ND |
| 4   | 白河市<br>(簡易型ダスト<br>サンプラー)   | H30.4.5 ~ H30.4.6   | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.14 ~ H30.5.15 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
| 5   | 相馬市<br>(簡易型ダスト<br>サンプラー)   | H30.4.9 ~ H30.4.10  | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.16 ~ H30.5.17 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.059 | ND | ND |
| 6   | 伊達市<br>(簡易型ダスト<br>サンプラー)   | H30.4.9 ~ H30.4.10  | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.16 ~ H30.5.17 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | 0.034 | ND | ND |
| 7   | 南会津町<br>(簡易型ダスト<br>サンプラー)  | H30.4.5 ~ H30.4.6   | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |
|     |                            | H30.5.14 ~ H30.5.15 | ND                         | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | ND | ND    | ND | ND |

(注) 1 「ND」：検出限界未満 「-」：欠測

2 上記の他、人工放射性核種は検出されなかった。

3 ろ紙の灰化処理はせず、ろ紙を直接18容器で測定した。

4 <sup>134</sup>Cs及び<sup>137</sup>Csの検出限界値：簡易型ダストサンプラー (1週間集じん) はおおむね0.04 mBq/m<sup>3</sup>以下である。

5-3-3 大気中水分のトリチウム濃度 (比較対照地点)

| No. | 地点名        | 採取期間                       | トリチウム濃度                        |                       | 備考                                    |
|-----|------------|----------------------------|--------------------------------|-----------------------|---------------------------------------|
|     |            |                            | 大気中濃度<br>(mBq/m <sup>3</sup> ) | (参考値) 捕集水濃度<br>(Bq/l) |                                       |
| 1   | 福島市<br>方木田 | H30. 4. 2 ~ H30. 5. 1      | 5. 8                           | 0. 75                 | 大気中水分量<br>(g/m <sup>3</sup> )<br>7. 8 |
|     |            | H30. 5. 1 ~ H30. 6. 1<br>~ | 7. 4                           | 0. 76                 | 9. 8                                  |

(注) 「ND」：検出限界未満

数値は有効数字2桁にて表記

5-3-4 降下物の核種濃度 (比較対照地点)

| No. | 地点名        | 採取期間              | 核種濃度 (Bq/m <sup>2</sup> (MBq/km <sup>2</sup> )) |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |       |      |    |
|-----|------------|-------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------|------|----|
|     |            |                   | <sup>51</sup> Cr                                | <sup>54</sup> Mn | <sup>58</sup> Co | <sup>59</sup> Fe | <sup>60</sup> Co | <sup>95</sup> Zr | <sup>95</sup> Nb | <sup>106</sup> Ru | <sup>134</sup> Cs | <sup>137</sup> Cs | <sup>144</sup> Ce |       |      |    |
| 1   | 福島市<br>芳木田 | H30.4.2 ~ H30.5.1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | 1.8   | 16   | ND |
|     |            | H30.5.1 ~ H30.6.1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | 1.3   | 13   | ND |
|     |            | ~                 |   |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |       |      |    |
| 2   | 三春町<br>深作  | H30.4.2 ~ H30.5.1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | 0.18  | 1.7  | ND |
|     |            | H30.5.1 ~ H30.6.1 | ND  | ND               | ND               | ND               | ND               | ND               | ND               | ND                | ND                | ND                | ND                | 0.099 | 0.78 | ND |
|     |            | ~                 |   |                  |                  |                  |                  |                  |                  |                   |                   |                   |                   |       |      |    |

(注) 1 「ND」: 検出限界未満 「/」: 対象外核種

2 上記の他、人工放射性核種は検出されなかった。



5-4 試料採取時の付帯データ集  
(原子力発電所周辺等環境放射能測定)

1 上水

| No. | 採取地点名 | 採取年月日      | 気温<br>(°C) | 水温<br>(°C) | p H |
|-----|-------|------------|------------|------------|-----|
| 1   | いわき市  | H30. 4. 3  | 21.0       | 12.0       | 7.6 |
| 2   | 田村市   | H30. 4. 3  | 15.5       | 13.0       | 7.0 |
| 3   | 広野町   | H30. 4. 5  | 13.1       | 12.0       | 7.4 |
| 4   | 檜葉町   | H30. 4. 5  | 12.2       | 11.5       | 7.3 |
| 5   | 富岡町   | H30. 4. 11 | 18.9       | 15.0       | 7.0 |
| 6   | 川内村   | H30. 4. 10 | 12.3       | 11.5       | 7.2 |
| 7   | 大熊町   | —          | —          | —          | —   |
| 8   | 双葉町   | —          | —          | —          | —   |
| 9   | 浪江町   | H30. 4. 11 | 16.7       | 14.5       | 7.0 |
| 10  | 葛尾村   | H30. 4. 11 | 12.5       | 11.5       | 6.8 |
| 11  | 南相馬市  | H30. 4. 11 | 16.4       | 14.0       | 6.8 |
| 12  | 飯館村   | H30. 4. 10 | 12.4       | 11.0       | 7.2 |
| 13  | 川俣町   | H30. 4. 10 | 13.1       | 11.0       | 7.0 |

2 海水

| No. | 採取地点名                    | 採取年月日      | 気温<br>(°C) | 水温<br>(°C) | p H | Cl <sup>-</sup><br>(‰) |
|-----|--------------------------|------------|------------|------------|-----|------------------------|
| 1   | 第一(発)南放水口付近              | H30. 4. 20 | 12.5       | 12.0       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 23.0       | 16.7       | 8.1 | 18                     |
| 2   | 第一(発)北放水口付近              | H30. 4. 20 | 13.0       | 12.0       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 22.5       | 16.2       | 8.2 | 18                     |
| 3   | 第一(発)取水口付近<br>(港湾出入口の外側) | H30. 4. 20 | 12.5       | 12.1       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 23.0       | 16.8       | 8.1 | 18                     |
| 4   | 第一(発)沖合 2 km             | H30. 4. 20 | 14.0       | 12.4       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 23.5       | 16.0       | 8.2 | 18                     |
| 5   | 夫沢・熊川沖 2 km              | H30. 4. 20 | 14.0       | 12.2       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 23.5       | 16.0       | 8.2 | 18                     |
| 6   | 双葉・前田川沖 2 km             | H30. 4. 20 | 13.0       | 11.8       | 8.1 | 18                     |
|     |                          | H30. 5. 16 | 21.5       | 16.5       | 8.2 | 18                     |
| 7   | 第二(発)南放水口                | H30. 5. 22 | 23.3       | 17.6       | 8.1 | 19                     |
| 8   | 第二(発)北放水口                | H30. 5. 22 | 22.0       | 17.0       | 8.2 | 19                     |

(比較対照地点環境放射能測定)

1 上水

| No. | 採取地点名 | 採取年月日      | 気温<br>(°C) | 水温<br>(°C) | p H |
|-----|-------|------------|------------|------------|-----|
| 1   | 福島市   | H30. 4. 10 | 21.9       | 9.9        | 7.2 |
| 2   | 会津若松市 | H30. 4. 5  | 16.3       | 12.0       | 7.4 |