29.03.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Belsk Duży, IGF PAN                                   |           |           |          |
|--|---|-----------|-----------|----------|
| Station type:<br>(urban, suburban, non-urban)        | non-urban   |           |           |          |
| Coordinatos  | from documentation verified on sit                    |           | l on site |          |
| Coordinates:   | 51.835242   | 20.791912 | 51.83524  | 20.79194 |
| Land owner:  | Institute of Geophysics of Polish Academy of Sciences |           |           |          |
| Institution responsible for operation of the station | CIEP  |           |           |          |

|                                     | NW - NE  | NE - SE | SE - SW | SW - NW                        |
|-------------------------------------|--|---------|---------|--------------------------------|
| 10km from industry                  | YES  | YES     | YES     | YES                            |
| 100m from houses with low emissions | YES, builsing with a heat pump<br>and building heated with gas | YES     | YES     | YES, building with a heat pump |
| 50m from roads with light traffic   | YES  | YES     | YES     | YES                            |
| 500m from roads with heavy traffic  | YES  | YES     | YES     | YES                            |

| Station name and address:   |  | Belsk Duż           | y, IGF PAN          |                     |
|---|--|---------------------|---------------------|---------------------|
| 1km from livestock farms  | YES  | YES                 | YES                 | YES                 |
| 200m from grazing land  | YES  | YES                 | YES                 | YES                 |
| Dust-free surrounding   | YES  | YES                 | YES                 | YES                 |
| Presence of trees   | orchards, low trees  | orchards, low trees | orchards, low trees | orchards, low trees |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | orchards   | orchards            | orchards            | forest, reserve     |
| Additional information  | To the south, there is a corn field - possibility of presence of wild boars. |                     |                     |                     |

Belsk Duży, IGF PAN

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE  | SE - SW | SW - NW |  |  |
|---|---|--|---------|---------|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | garage, used infrequently                            | YES     | YES     |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Level ground, no slopes, surfac   | Level ground, no slopes, surface covered with grass. |         |         |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Large area, there is Stevenson screen.  |  |         |         |  |  |
| Fencing of the site and securing against unauthorised access  | YES. Closed area, Institute employees present.  |  |         |         |  |  |
| Access to power<br>(location of the electrical box)   | YES   |  |         |         |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | There is the possibility to set up a collector; to NW of the current container (photo) - it will be necessary to connect power to the meadow. |  |         |         |  |  |







12.04.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Białystok, ul. Ciołkowskiego 2/3   |           |           |          |
|--|------------------------------------|-----------|-----------|----------|
| Station type:<br>(urban, suburban, non-urban)        | urban                              |           |           |          |
| Coordinates:   | from documentation verified on sit |           | l on site |          |
| Coordinates:   | 53.107250                          | 23.162333 | 53.10733  | 23.16235 |
| Land owner:  | IMWM-NRI                           |           |           |          |
| Institution responsible for operation of the station | IMWM-NRI                           |           |           |          |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | NO      | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | NO      | YES     | YES     | YES     |

| Station name and address:   |                               | Białystok, ul. Cio                       | ołkowskiego 2/3  |   |
|---|-------------------------------|--|--|---|
| 1km from livestock farms  | YES                           | YES                                      | YES  | YES   |
| 200m from grazing land  | YES                           | YES                                      | YES  | YES   |
| Dust-free surrounding   | YES                           | YES                                      | YES  | YES   |
| Presence of trees   | YES                           | YES                                      | YES  | YES   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Car park at a distance of 50m | Grass, trees at a distance of ca.<br>60m | Grass<br>trees at a distance of ca. 60m<br>Airfield at a distance of over<br>500m behind a belt of trees | Grass<br>trees at a distance of around<br>60m |
| Additional information  |                               |  |  |   |

Białystok, ul. Ciołkowskiego 2/3

III. DESRIPTION OF THE STATION'S AREA

|  | NW - NE  | NE - SE                   | SE - SW | SW - NW |  |
|--|--|---------------------------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)   | Street lamp with a height of<br>11m  | Mast with a height of 15m | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)  | Grass  | Grass                     |         |         |  |
| Station area<br>(container, fenced area or sampler, potential for setting up<br>a collector, Presence of meteorological instruments at the<br>measurement point (screen, rain gauge, etc.) | Weather station with a size of 20m x 20m with meteorological devices   |                           |         |         |  |
| Fencing of the site and securing against unauthorised access   | YES  |                           |         |         |  |
| Access to power<br>(location of the electrical box)  | YES  |                           |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)  | YES, suggested place for setting up a collector: the place of manual collector; planned transferring of the station by around 50-<br>70m westwards |                           |         |         |  |





| • | kolektor                   |
|---|----------------------------|
| ٠ | maszt meteorologiczny      |
|   | budynek                    |
|   | ogródek meteorologiczny    |
|   | parking                    |
| * | drzewo                     |
|   | odległość między obiektami |

06.04.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Borówiec  |           |                                     |           |
|--|---|-----------|-------------------------------------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban   |           |                                     |           |
| Coordinates:   | from documentation verified on                      |           | from documentation verified on site |           |
| Coordinates:   | 52.276794   | 17.074114 | 52.276794                           | 17.074114 |
| Land owner:  | Space Research Centre of Polish Academy of Sciences |           |                                     |           |
| Institution responsible for operation of the station | CIEP  |           |                                     |           |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW                                 |
|-------------------------------------|---------|---------|---------|---|
| 10km from industry                  | YES     | YES     | YES     | 1.3km from a wastewater treatment plant |
| 100m from houses with low emissions | YES     | YES     | YES     | YES                                     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES                                     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES                                     |

| Station name and address:   |                         | Borć  | ówiec                          |  |
|---|-------------------------|-------|--------------------------------|--|
| 1km from livestock farms  | YES                     | YES   | YES                            | YES  |
| 200m from grazing land  | YES                     | YES   | YES                            | YES  |
| Dust-free surrounding   | YES                     | YES   | YES                            | YES  |
| Presence of trees   | YES                     | YES   | YES                            | trees (35m)  |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | grass                   | grass | radio telescope receiver (50m) | car park for several cars,<br>observatory building (100m),<br>building inhabited by 4 families<br>(120m) |
| Additional information  | area fenced and guarded |       |                                |  |

| Station name and address:  |   | Boró            | owiec   |         |  |  |  |
|--|---|-----------------|---------|---------|--|--|--|
| III. DESCRIPTION OF THE STATION'S AREA   |   |                 |         |         |  |  |  |
|  | NW - NE   | NE - SE         | SE - SW | SW - NW |  |  |  |
| <b>Obstacles higher than the collector</b><br>(type, height)   | YES   | YES             | YES     | YES     |  |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)  | grass   | grass           |         |         |  |  |  |
| Station area<br>(container, fenced area or sampler, potential for setting up<br>a collector, Presence of meteorological instruments at the<br>measurement point (screen, rain gauge, etc.) | Container, weather station not separated. Whole area fenced.  |                 |         |         |  |  |  |
| Fencing of the site and securing against unauthorised access   | YES   | YES YES YES YES |         |         |  |  |  |
| Access to power<br>(location of the electrical box)  | YES   | YES             | YES     | YES     |  |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)  | Yes, there are many possibilities to select a place for setting up a collector.<br>Koniecznośćogrodzenia terenu stacji. |                 |         |         |  |  |  |





📩 drzewa

budynki

11.04.2022

# **STATION DESCRIPTION SHEET**

### I. BASIC INFORMATION

| Station name and address:                            | Diabla Góra, Puszcza Borecka |  |          |          |  |
|--|------------------------------|--|----------|----------|--|
| Station type:<br>(urban, suburban, non-urban)        | non-urban                    |  |          |          |  |
| Coordinates:   | z dokun                      | z dokumentacji zweryfikowane na stacji |          |          |  |
|  | 54.124819                    | 22.038056                              | 54.12491 | 22.03817 |  |
| Land owner:  | IEP-NRI                      |  |          |          |  |
| Institution responsible for operation of the station | IEP-NRI                      |  |          |          |  |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   |                                 | Diabla Góra, P                  | uszcza Borecka                  |                                 |
|---|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1km from livestock farms  | YES                             | YES                             | YES                             | YES                             |
| 200m from grazing land  | YES                             | YES                             | YES                             | YES                             |
| Dust-free surrounding   | YES                             | YES                             | YES                             | YES                             |
| Presence of trees   | YES                             | YES                             | YES                             | YES                             |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Meadow (mowed once per<br>year) |
| Additional information  | Hilly terrain                   |                                 |                                 |                                 |

Diabla Góra, Puszcza Borecka

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW                                |  |  |
|---|---|---------|---------|--|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | YES     | YES     | Stevenson screen<br>Met mast, 15m tall |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Grass, paving stone walkways<br>downward slope towards NW |         |         |  |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 30m x 30m   |         |         |  |  |  |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |  |  |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |  |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Presence of wet-only collectors at the station.           |         |         |  |  |  |





| • | kolektor                   |  |  |  |
|---|----------------------------|--|--|--|
| • | maszt meteorologiczny      |  |  |  |
|   | budynek                    |  |  |  |
|   | ogródek meteorologiczny    |  |  |  |
|   | odległość między obiektami |  |  |  |
| * | drzewo                     |  |  |  |

21.04.2022

# STATION DESCRIPTION SHEET

## I. BASIC INFORMATION

| Station name and address:                            | Dzwirzyno                              |  |           |               |  |
|--|--|--|-----------|---------------|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban station                       |  |           |               |  |
| Coordinates:   | z dokumentacji zweryfikowane na stacji |  |           | ane na stacji |  |
|  |  |  | 54.158578 | 15.389092     |  |
| Land owner:  | IMWM-NRI                               |  |           |               |  |
| Institution responsible for operation of the station | IMWM-NRI                               |  |           |               |  |

|                                     | NW - NE | NE - SE | SE - SW      | SW - NW |
|-------------------------------------|---------|---------|--------------|---------|
| 10km from industry                  | YES     | YES     | YES          | YES     |
| 100m from houses with low emissions | YES     | YES     | NO (harbour) | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES          | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES          | YES     |

| Station name and address:   |                     | Dzwi              | rzyno       |               |
|---|---------------------|-------------------|-------------|---------------|
| 1km from livestock farms  | YES                 | YES               | YES         | YES           |
| 200m from grazing land  | YES                 | YES               | YES         | YES           |
| Dust-free surrounding   | YES                 | NO (pine tree)    | YES         | YES           |
| Presence of trees   | NO                  | YES               | NO          | NO            |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | dune, sea, met mast | sea, dune, forest | dunes, port | harbour canal |
| Additional information  |                     |                   |             |               |

Dzwirzyno

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |  |
|---|---|---------|---------|---------|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | met mast  | YES     | YES     | YES     |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | sand  |         |         |         |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Dimensions of weather station 15m x 15m, meteorological instruments |         |         |         |  |  |
| Fencing of the site and securing against unauthorised access  | The area of the station is fenced, no access for third-parties.     |         |         |         |  |  |
| Access to power<br>(location of the electrical box)   | Yes   |         |         |         |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |   |         |         |         |  |  |





| • | kolektor                   |
|---|----------------------------|
| • | maszt meteorologiczny      |
|   | budynek                    |
|   | ogródek meteorologiczny    |
| * | drzewo                     |
|   | odległość między obiektami |

12.04.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Florianka, RPN         |                                     |         |          |  |
|--|------------------------|-------------------------------------|---------|----------|--|
| Station type:<br>(urban, suburban, non-urban)        | non-urban              |                                     |         |          |  |
| Coordinates:   | from docu              | from documentation verified on site |         |          |  |
|  | 50.621482              | 20.614057                           | 50.5519 | 22.98301 |  |
| Land owner:  | Roztocze National Park |                                     |         |          |  |
| Institution responsible for operation of the station |                        |                                     |         |          |  |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   | Florianka, RPN                                   |               |               |               |
|---|--|---------------|---------------|---------------|
| 1km from livestock farms  | YES  | YES           | YES           | YES           |
| 200m from grazing land  | grazing land                                     | grazing land  | grazing land  | grazing land  |
| Dust-free surrounding   | YES  | YES           | YES           | YES           |
| Presence of trees   | >100m forest                                     | >100m forest  | >100m forest  | >100m forest  |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | national park                                    | national park | national park | national park |
| Additional information  | refuge of Polish ponies - breeding in enclosures |               |               |               |

Florianka, RPN

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |
|---|---|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  |   |         |         |         |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | level ground, covered with grass.   |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | container, wind gauge, rain gauge   |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES, area no accessible for visitors, entry prohibited                              |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is possible to set up a collector by way of cooperation - rather than land lease |         |         |         |  |







11.04.2022

# **STATION DESCRIPTION SHEET**

## I. BASIC INFORMATION

| Station name and address:                            | Gołuchów, Ujęcie Wody                |           |                         |         |
|--|--------------------------------------|-----------|-------------------------|---------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                            |           |                         |         |
| Coordinates:   | z dokumentacji                       |           | zweryfikowane na stacji |         |
|  | 50.621482                            | 20.614057 | 50.62135                | 20.6141 |
| Land owner:  | Gmina of Kije, water intake facility |           |                         |         |
| Institution responsible for operation of the station | CIEP                                 |           |                         |         |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW      |
|-------------------------------------|---------|---------|---------|--------------|
| 10km from industry                  | YES     | YES     | YES     | YES          |
| 100m from houses with low emissions | YES     | YES     | YES     | YES          |
| 50m from roads with light traffic   | YES     | YES     | YES     | road ca. 30m |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES          |

| Station name and address:   | Gołuchów, Ujęcie Wody |          |          |                     |
|---|-----------------------|----------|----------|---------------------|
| 1km from livestock farms  | YES                   | YES      | YES      | YES                 |
| 200m from grazing land  | YES                   | YES      | YES      | YES                 |
| Dust-free surrounding   | YES                   | YES      | YES      | YES                 |
| Presence of trees   | YES                   | YES      | YES      | small trees ca. 10m |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | cropland              | cropland | cropland | cropland            |
| Additional information  |                       |          | •<br>    |                     |

Gołuchów, Ujęcie Wody

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |
|---|---|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | building  |         | 52 510  |         |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Terrain without slopes, covered with grass.             |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Containerr on fenced area of the water intake facility. |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |   |         |         |         |  |







budynki

droga
19.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Gorzów Wielkopolski                    |  |  |  |  |
|--|--|--|--|--|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | urban                                  |  |  |  |  |
| Coordinates:   | z dokumentacji zweryfikowane na stacji |  |  |  |  |
| Coordinates.   | 52.741167 15.277250 52.741167 15.2     |  |  |  |  |
| Land owner:  | IMWM-NRI                               |  |  |  |  |
| Institution responsible for operation of the station | IMWM-NRI                               |  |  |  |  |

|                                     | NW - NE                             | NE - SE | SE - SW | SW - NW |
|-------------------------------------|-------------------------------------|---------|---------|---------|
| 10km from industry                  | mineral resources mine 5km to<br>NE | YES     | YES     | YES     |
| 100m from houses with low emissions | YES                                 | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES                                 | YES     | NO      | YES     |
| 500m from roads with heavy traffic  | YES                                 | YES     | NO      | YES     |

| Station name and address:   |                         | Gorzów W | ielkopolski |     |
|---|-------------------------|----------|-------------|-----|
| 1km from livestock farms  | YES                     | YES      | YES         | YES |
| 200m from grazing land  | YES                     | YES      | YES         | YES |
| Dust-free surrounding   | YES                     | YES      | YES         | YES |
| Presence of trees   | YES                     | YES      | YES         | YES |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | GSM mast 50m            | YES      | YES         | YES |
| Additional information  | area fenced and guarded |          |             |     |

Gorzów Wielkopolski

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |
|---|---|---------|---------|---------|
| Obstacles higher than the collector<br>(type, height)   | GSM mast 50m  | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 15m x 25m with meteorological instruments |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is possible to set up a collector.                     |         |         |         |





### Legenda

- budynki
- maszt GSM
- droga

29.03.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Granica                              |  |  |  |                    |  |           |
|--|--------------------------------------|--|--|--|--------------------|--|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                            |  |  |  |                    |  |           |
| Coordinates:   | from documentation verified on site  |  |  |  | from documentation |  | l on site |
| Coordinates.   | 52.285801 20.454399 52.285801 20.454 |  |  |  |                    |  |           |
| Land owner:  | Kampinos National Park               |  |  |  |                    |  |           |
| Institution responsible for operation of the station |                                      |  |  |  |                    |  |           |

|                                     | NW - NE                        | NE - SE | SE - SW | SW - NW   |
|-------------------------------------|--------------------------------|---------|---------|---|
| 10km from industry                  | YES                            | YES     | YES     | YES   |
| 100m from houses with low emissions | YES, building with a heat pump | YES     | YES     | YES, 2 unheated houses - open-<br>air ethnographic museum |
| 50m from roads with light traffic   | YES                            | YES     | YES     | YES   |
| 500m from roads with heavy traffic  | YES                            | YES     | YES     | YES   |

| Station name and address:   |   | Gra    | nica   |        |
|---|---|--------|--------|--------|
| 1km from livestock farms  | YES   | YES    | YES    | YES    |
| 200m from grazing land  | YES   | YES    | YES    | YES    |
| Dust-free surrounding   | YES   | YES    | YES    | YES    |
| Presence of trees   | YES, the nearest 7m from the fence  | YES    | YES    | YES    |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | forest  | forest | forest | forest |
| Additional information  | Clearing surrounded by trees. Internal access road, for Park staff use only (gravel). Visitors leave their cars at the car park, approx. 500m from the fenced area. |        |        |        |

Granica

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE                            | SE - SW   | SW - NW |
|---|--|------------------------------------|-----------|---------|
| Obstacles higher than the collector<br>(type, height)   | Stevenson screen, mas, lamps   | YES                                | YES       | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Level ground, no slopes, surface covered with grass.   |                                    |           |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | The weather station contains Stevenson screen, mast, water level gauge, rain gauges, collector. The area is large, it is possible to set up an additional collector. |                                    |           |         |
| Fencing of the site and securing against unauthorised access  | YES  |                                    |           |         |
| Access to power<br>(location of the electrical box)   | Power is available, but there are significant voltage drops, it is necessray to provide UPS.   |                                    |           |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is possible to set up a collect   | or; to NE of the current collector | r (photo) |         |







Data wizytacji:

11/04/2022 r.

### STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Guty Duże                           |   |          |          |
|--|-------------------------------------|---|----------|----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                           |   |          |          |
| Coordinates:   | from documentation verified on site |   |          |          |
| Coordinates.   | 52.943172                           | 21.288167   | 52.94322 | 21.28836 |
| Land owner:  | Wiesława Mikołajczewska, ul. '      | Wiesława Mikołajczewska, ul. Wrzosowa 16, 06-200 Maków Mazowiecki |          |          |
| Institution responsible for operation of the station | CIEP                                |   |          |          |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | NO      | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   |   | Guty   | Duże   |          |
|---|---|--|--|----------|
| 1km from livestock farms  | YES   | YES  | ca. 150m to NE (?)   | YES      |
| 200m from grazing land  | YES   | YES  | YES  | YES      |
| Dust-free surrounding   | YES   | YES  | YES  | YES      |
| Presence of trees   | A single tree at a distance of ca.<br>25m from the fence with a<br>height of ca. 15-20m | Trees at a distance of ca. 7m<br>from the fence with a height of<br>ca. 7m | A single tree at a distance of ca.<br>3m from the fence with a<br>height of ca. 3m | YES      |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Cropland  | Cropland   | Cropland   | Cropland |
| Additional information  | Telecommunications mast to E  | at a distance of ca. 100m  |  |          |

Guty Duże

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE          | SE - SW          | SW - NW          |
|---|---|------------------|------------------|------------------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Container, fence  | Container, fence | Container, fence | Container, fence |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Paving blocks   |                  |                  |                  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 7m x 7m   |                  |                  |                  |
| Fencing of the site and securing against unauthorised access  | YES   |                  |                  |                  |
| Access to power<br>(location of the electrical box)   | YES   |                  |                  |                  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is not possible to set up a collector due to high fence (ca. 3m) and its proximity to the container.<br>Need to extend the station area. |                  |                  |                  |







### Legenda:

| • | kontener pomiarowy         |  |  |  |
|---|----------------------------|--|--|--|
| • | maszt telekomunikacyjny    |  |  |  |
|   | budynek                    |  |  |  |
| * | drzewo                     |  |  |  |
|   | odległość między obiektami |  |  |  |

04.04.2022

### STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Hel                            |                         |           |  |
|--|--------------------------------|-------------------------|-----------|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban station               |                         |           |  |
| Coordinates:   | z dokumentacji                 | zweryfikowane na stacji |           |  |
| Coordinates:   |                                | 54.602656               | 18.813400 |  |
| Land owner:  | State Forests, use by IMWM-NRI |                         |           |  |
| Institution responsible for operation of the station | IMWM-NRI                       |                         |           |  |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   |  | Н                     | el                    |                       |
|---|--|-----------------------|-----------------------|-----------------------|
| 1km from livestock farms  | YES  | YES                   | YES                   | YES                   |
| 200m from grazing land  | YES  | YES                   | YES                   | YES                   |
| Dust-free surrounding   | NO (pine trees)  | NO (pine trees)       | NO (pine trees)       | NO (pine trees)       |
| Presence of trees   | YES  | YES                   | YES                   | YES                   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | forest, met mast, sea  | forest, met mast, sea | forest, met mast, sea | forest, met mast, sea |
| Additional information  | the HEL meteorological station HEL is located at the end of the Hel Peninsula extending into the sea, surrounded by the waters<br>of the Gulf of Gdańsk and the open sea. Therefore, it would be an ideal station to study and evaluate atmospheric deposition<br>of pollutants to the Baltic Sea. |                       |                       |                       |

Hel

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| Obstacles higher than the collector<br>(type, height)   | met mast (317º)  | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass, moss  |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Dimensions of the weather station 15m x15m, meteorological instruments   |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES  |         |         |         |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | the HEL meteorological station HEL is located at the end of the Hel Peninsula extending into the sea, surrounded by the waters<br>of the Gulf of Gdańsk and the open sea. Therefore, it would be an ideal station to study and evaluate atmospheric deposition<br>of pollutants to the Baltic Sea. |         |         |         |





### Legenda:



01.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Jarczew                            |           |          |           |
|--|------------------------------------|-----------|----------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                          |           |          |           |
| Coordinates:   | from doumentation verified on site |           |          | l on site |
| Coordinates:   | 51.814408                          | 21.972419 | 51.81455 | 21.97257  |
| Land owner:  | IMWM-NRI                           |           |          |           |
| Institution responsible for operation of the station | IMWM-NRI                           |           |          |           |

|                                     | NW - NE  | NE - SE | SE - SW | SW - NW |
|-------------------------------------|--|---------|---------|---------|
| 10km from industry                  | YES  | YES     | YES     | YES     |
| 100m from houses with low emissions | YES<br>(detached house under<br>construction - ca. 100m) | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES  | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | voivodeship road 807<br>(110m)                           | YES     | YES     | YES     |

| Station name and address:   |       | Jarc  | zew            |       |
|---|-------|-------|----------------|-------|
| 1km from livestock farms  | YES   | YES   | YES            | YES   |
| 200m from grazing land  | YES   | YES   | YES            | YES   |
| Dust-free surrounding   | YES   | YES   | YES            | YES   |
| Presence of trees   | YES   | YES   | YES            | YES   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | grass | grass | cropland/trees | grass |
| Additional information  |       |       |                |       |

Jarczew

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |
|---|---|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Grass   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Large area, meteorological measuring instruments                        |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Yes, many options to set up a collector on the area of the IMWM station |         |         |         |







20.04.2022

### STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Kalisz                                 |           |           |               |
|--|--|-----------|-----------|---------------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                              |           |           |               |
| Coordinates:   | z dokumentacji zweryfikowane na stacji |           |           | ane na stacji |
| Coordinates:   | 51.781213                              | 18.080921 | 51.781213 | 18.080921     |
| Land owner:  | IMWM-NRI                               |           |           |               |
| Institution responsible for operation of the station | IMWM-NRI                               |           |           |               |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | NO      | YES     | YES     |

| Station name and address:   |                         | Ка                   | lisz |     |
|---|-------------------------|----------------------|------|-----|
| 1km from livestock farms  | YES                     | YES                  | YES  | YES |
| 200m from grazing land  | YES                     | YES                  | YES  | YES |
| Dust-free surrounding   | YES                     | YES                  | YES  | YES |
| Presence of trees   | YES                     | YES                  | YES  | YES |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | agricultural land       | detached houses 170m | YES  | YES |
| Additional information  | area fenced and guarded |                      |      |     |

Kalisz

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                   | NE - SE | SE - SW | SW - NW |
|---|---------------------------|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | GSM mast 40m              | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass                     |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 18m x 18m |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES                       |         |         |         |
| Access to power<br>(location of the electrical box)   | YES                       |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   |                           |         |         |         |







- budynki
- maszt GSM
- droga

11.05.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Karkonosze  |         |                         |         |
|--|---|---------|-------------------------|---------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | pozamiejska   |         |                         |         |
| Coordinates:   | z dokumentacji  |         | zweryfikowane na stacji |         |
|  | 50.790699   | 15.5121 | 50.790699               | 15.5121 |
| Land owner:  | State Treasury, managed by the Karkonosze National Park |         |                         |         |
| Institution responsible for operation of the station |   |         |                         |         |

|                                     | NW - NE                 | NE - SE | SE - SW | SW - NW |
|-------------------------------------|-------------------------|---------|---------|---------|
| 10km from industry                  | granite quarry 4km to N | YES     | YES     | YES     |
| 100m from houses with low emissions | YES                     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES                     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES                     | YES     | YES     | YES     |

| Station name and address:   | Karkonosze   |                       |     |                       |
|---|--|-----------------------|-----|-----------------------|
| 1km from livestock farms  | YES  | YES                   | YES | YES                   |
| 200m from grazing land  | YES  | YES                   | YES | YES                   |
| Dust-free surrounding   | YES  | YES                   | YES | YES                   |
| Presence of trees   | 20m to mountain pines  | 20m to mountain pines | YES | 20m to mountain pines |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | area of the Karkonosze<br>National Park  |                       |     |                       |
| Additional information  | area of the Karkonosze National Park, fenced area, with CCTV. The guardian of the weather station visits it at least once per<br>week. |                       |     |                       |

Karkonosze

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES  | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass  |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 20m x 20m  |         |         |         |
| Fencing of the site and securing against unauthorised access  | fence, current weather station of the IMNE did not record aby acts of vandalism or theft                             |         |         |         |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Need to set up a collector 2m above the ground, the current IMNE collector has operated without problems for 6 years |         |         |         |





#### Legenda

- 📩 kosodrzewina
- budynki
- szlak turystyczny
26.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Kasprowy Wierch    |           |                      |           |
|--|--------------------|-----------|----------------------|-----------|
| Station type:<br>(urban, suburban, non-urban)        | non-urban          |           |                      |           |
| Coordinates:   | from documentation |           | verification on site |           |
| Coordinates.   | 49.232492          | 19.981768 | 49.232492            | 19.981768 |
| Land owner:  | IMWM-NRI           | IMWM-NRI  |                      |           |
| Institution responsible for operation of the station | IMWM-NRI           | IMWM-NRI  |                      |           |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   |                  | Kasprow          | y Wierch         |                  |
|---|------------------|------------------|------------------|------------------|
| 1km from livestock farms  | YES              | YES              | YES              | YES              |
| 200m from grazing land  | YES              | YES              | YES              | YES              |
| Dust-free surrounding   | YES              | YES              | YES              | YES              |
| Presence of trees   | YES              | YES              | YES              | YES              |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | mountainous area | mountainous area | mountainous area | mountainous area |
| Additional information  |                  |                  |                  |                  |

Kasprowy Wierch

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                         | NE - SE                      | SE - SW | SW - NW |  |
|---|---------------------------------|------------------------------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES                             | YES                          | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | wood, metal                     |                              |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 10m x 15m                       | 10m x 15m                    |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES, area fenced and guarded    | YES, area fenced and guarded |         |         |  |
| Access to power<br>(location of the electrical box)   | YES                             |                              |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | YES, on the roof of the station |                              |         |         |  |





### Legenda



szlaki turystyczne

31/04/2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Legnica            |           |                      |           |
|--|--------------------|-----------|----------------------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban          |           |                      |           |
| Coordinates:   | from documentation |           | verification on site |           |
| Coordinates.   | 51.192560          | 16.207653 | 51.192560            | 16.207653 |
| Land owner:  | IMWM_NRI           | IMWM_NRI  |                      |           |
| Institution responsible for operation of the station | IMWM-NRI           |           |                      |           |

|                                     | NW - NE                 | NE - SE | SE - SW | SW - NW |
|-------------------------------------|-------------------------|---------|---------|---------|
| 10km from industry                  | landfill 5.5km to N     | YES     | YES     | YES     |
| 100m from houses with low emissions | building of the station | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES                     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES                     | YES     | YES     | YES     |

| Station name and address:   |                   | Leg               | nica              |                   |
|---|-------------------|-------------------|-------------------|-------------------|
| 1km from livestock farms  | YES               | YES               | YES               | YES               |
| 200m from grazing land  | YES               | YES               | YES               | YES               |
| Dust-free surrounding   | YES               | YES               | YES               | YES               |
| Presence of trees   | YES               | YES               | YES               | YES               |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | agricultural land | agricultural land | agricultural land | agricultural land |
| Additional information  |                   |                   |                   |                   |

Legnica

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |
|---|-----------|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES       | YES     | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass     |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 25m x 25m |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES       |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES       |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |           |         |         |         |  |







26.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Lesko, ul. Widokowa 36 |  |           |               |  |
|--|------------------------|--|-----------|---------------|--|
| Station type:<br>(urban, suburban, non-urban)        | suburban               |  |           |               |  |
| Coordinates:   | z dokur                | z dokumentacji zweryfikowane na stacji |           | ane na stacji |  |
| Coordinates.   | 49.4665                | 22.341722                              | 49.466424 | 22.341777     |  |
| Land owner:  | IMWM-NRI               | IMWM-NRI                               |           |               |  |
| Institution responsible for operation of the station | IMWM-NRI               |  |           |               |  |

|                                     | NW - NE                      | NE - SE               | SE - SW | SW - NW |
|-------------------------------------|------------------------------|-----------------------|---------|---------|
| 10km from industry                  | YES                          | YES                   | YES     | YES     |
| 100m from houses with low emissions | gas heating/heat pump > 100m | YES                   | YES     | YES     |
| 50m from roads with light traffic   | YES                          | SE - voivodeship road | YES     | YES     |
| 500m from roads with heavy traffic  | YES                          | YES                   | YES     | YES     |

| Station name and address:   |       | Lesko, ul. W                           | /idokowa 36 |       |
|---|-------|--|-------------|-------|
| 1km from livestock farms  | YES   | 400m to cattle farm (up to 20<br>head) | YES         | YES   |
| 200m from grazing land  | YES   | YES                                    | YES         | YES   |
| Dust-free surrounding   | YES   | YES                                    | YES         | YES   |
| Presence of trees   | YES   | YES                                    | YES         | YES   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | grass | grass                                  | grass       | grass |
| Additional information  |       |  |             |       |

Lesko, ul. Widokowa 36

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Screen   | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass; flat surface; outside of the weather station, land sloping to W |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 20m x 20m, meteorologiccal measuring instruments                       |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES  |         |         |         |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | YES  |         |         |         |







07.04.2022

## **STATION DESCRIPTION SHEET**

### I. BASIC INFORMATION

| Station name and address:                            | Liniewko Kościerskie                      |           |          |           |
|--|---|-----------|----------|-----------|
| Station type:<br>(urban, suburban, non-urban)        | non-urban                                 |           |          |           |
| Coordinatos  | from documentation ver                    |           | verified | l on site |
| Coordinates:   | 54.104111                                 | 18.182972 | 54.10427 | 18.18279  |
| Land owner:  | Gmina Nowa Karczma, water intake facility |           |          |           |
| Institution responsible for operation of the station |   |           |          |           |

|                                     | NW - NE | NE - SE | SE - SW                                 | SW - NW   |
|-------------------------------------|---------|---------|---|---|
| 10km from industry                  | YES     | YES     | YES                                     | YES   |
| 100m from houses with low emissions | YES     | YES     | 2 buildings at a distance of ca.<br>50m | new house under construction<br>at a distance of < 100m |
| 50m from roads with light traffic   | YES     | NIE     | YES                                     | NIE   |
| 500m from roads with heavy traffic  | YES     | YES     | YES                                     | YES   |

| Station name and address:   |  | Liniewko k | Kościerskie      |                         |
|---|--|------------|------------------|-------------------------|
| 1km from livestock farms  | YES  | YES        | YES              | YES                     |
| 200m from grazing land  | YES  | YES        | YES              | YES                     |
| Dust-free surrounding   | cropland                                     | YES        | cropland         | YES                     |
| Presence of trees   | YES  | YES        | coniferous trees | presence of small trees |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | cropland                                     | grass      | cropland         | grass                   |
| Additional information  | Access road, used, at a distance of ca. 30m. |            |                  |                         |

Liniewko Kościerskie

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW                                  |
|---|---|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | YES     | YES     | building of the water utility<br>company |
| Surface type<br>(vegetation, surface type, slope, etc.)   | level ground, covered with grass  |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | container on the area of the water intake facility  |         |         |  |
| Fencing of the site and securing against unauthorised access  | Fenecd area, no access for third parties.   |         |         |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | The existing container is fanced - there is no place to add a new collector, possibility to set it up to the south-west of the container. |         |         |  |





### Legenda:



06.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Łeba IMGW, ul. Rąbka 1 |                                     |          |          |  |
|--|------------------------|-------------------------------------|----------|----------|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban               | suburban                            |          |          |  |
| Coordinates:   | from docu              | from documentation verified on site |          |          |  |
| Coordinates:   | 54.754139              | 17.594528                           | 54.75116 | 17.59425 |  |
| Land owner:  | IMWM-NRI               | IMWM-NRI                            |          |          |  |
| Institution responsible for operation of the station | IMWM-NRI               |                                     |          |          |  |

|                                     | NW - NE | NE - SE                            | SE - SW | SW - NW |
|-------------------------------------|---------|------------------------------------|---------|---------|
| 10km from industry                  | YES     | wastewater treatment plant<br>600m | YES     | YES     |
| 100m from houses with low emissions | YES     | YES                                | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES                                | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES                                | YES     | YES     |

| Station name and address:   |  | Łeba IMGW | , ul. Rąbka 1 |     |
|---|--|-----------|---------------|-----|
| 1km from livestock farms  | YES                                    | YES       | YES           | YES |
| 200m from grazing land  | YES                                    | YES       | YES           | YES |
| Dust-free surrounding   | YES                                    | YES       | YES           | YES |
| Presence of trees   | trees at a distance of ca. 200m        |           |               |     |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | forest                                 |           |               |     |
| Additional information  | All buildings with electrical heating. |           |               |     |

Łeba IMGW, ul. Rąbka 1

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Stevenson screen   | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Level ground, covered with grass   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station ca. 18m x 30m. Stevenson screen, rain gauges, ceilometer, ground plot. |         |         |         |
| Fencing of the site and securing against unauthorised access  | Fenced area, an observer on shifts is present.   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | The area is large, an additional collector can be set up.                              |         |         |         |





### Legenda:

| • | kolektor                   |
|---|----------------------------|
|   | budynek                    |
|   | ogródek meteorologiczny    |
| * | drzewo                     |
|   | odległość między obiektami |

11.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Olsztyn, ul. Sielska 22a |                                     |          |         |
|--|--------------------------|-------------------------------------|----------|---------|
| Station type:<br>(urban, suburban, non-urban)        | urban                    |                                     |          |         |
| Coordinates:   | from docu                | from documentation verified on site |          |         |
| Coordinates:   | 53.768528                | 20.421361                           | 53.76853 | 20.4213 |
| Land owner:  | IMWM-NRI                 |                                     |          |         |
| Institution responsible for operation of the station | IMWM-NRI                 |                                     |          |         |

|                                     | NW - NE  | NE - SE | SE - SW     | SW - NW |
|-------------------------------------|----------|---------|-------------|---------|
| 10km from industry                  | YES      | YES     | YES         | YES     |
| 100m from houses with low emissions | YES      | YES     | NO (50m SW) | YES     |
| 50m from roads with light traffic   | YES      | YES     | YES         | YES     |
| 500m from roads with heavy traffic  | NO (80m) | YES     | NO (60m)    | YES     |

| Station name and address:   |  | Olsztyn, ul. | Sielska 22a |       |
|---|--|--------------|-------------|-------|
| 1km from livestock farms  | YES  | YES          | YES         | YES   |
| 200m from grazing land  | YES  | YES          | YES         | YES   |
| Dust-free surrounding   | YES  | YES          | YES         | YES   |
| Presence of trees   | YES  | YES          | YES         | YES   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Grass  | Grass        | Grass       | Grass |
| Additional information  | PERUN mast at a distance of 18m to S with a height of 16m<br>Wind gauge mast 19m away to N with a height of 16m<br>Olsztyn Airport - Dajtki to NW (runway at a distance of 600m) |              |             |       |

Olsztyn, ul. Sielska 22a

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |
|---|---|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Standard meteorological<br>instruments                        | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Grass   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station   |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Presence of a wet-only collector on the weather station area. |         |         |         |





## Legenda:

| • | kolektor                   |
|---|----------------------------|
| • | maszt meteorologiczny      |
|   | budynek                    |
|   | ogródek meteorologiczny    |
|   | parking                    |
|   | ogrodzenie                 |
| * | drzewo                     |
|   | droga                      |
|   | odległość między obiektami |

29.03.2022

## STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Otwock, u. Brzozowa 2                                     |           |                  |          |
|--|---|-----------|------------------|----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban  |           |                  |          |
| Coordinates:   | from documentation  |           | verified on site |          |
|  | 52.115725   | 21.237297 | 52.11575         | 21.23713 |
| Land owner:  | Institute of Geophysics of the Polish Academy of Sciences |           |                  |          |
| Institution responsible for operation of the station | CIEP  |           |                  |          |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW                        |
|-------------------------------------|---------|---------|---------|--------------------------------|
| 10km from industry                  | YES     | YES     | YES     | YES                            |
| 100m from houses with low emissions | YES     | YES     | YES     | YES, building with a heat pump |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES                            |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES                            |

| Station name and address:   | Otwock, u. Brzozowa 2                       |                     |                     |                     |
|---|---|---------------------|---------------------|---------------------|
| 1km from livestock farms  | YES   | YES                 | YES                 | YES                 |
| 200m from grazing land  | YES   | YES                 | YES                 | YES                 |
| Dust-free surrounding   | YES   | YES                 | YES                 | YES                 |
| Presence of trees   | YES   | YES                 | YES                 | YES                 |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | forest (pine trees)                         | forest (pine trees) | forest (pine trees) | forest (pine trees) |
| Additional information  | Area surrounded by trees; mainly pine trees |                     |                     |                     |

Otwock, u. Brzozowa 2

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE          | SE - SW  | SW - NW |
|---|---|------------------|----------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | Stevenson screen | 17m mast | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Level ground, no slopes, surface covered with grass.  |                  |          |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Area of 50x60m, fenced, car gate and , vehicle and pedestrian gate locked. There is Stevenson screen, rain gauges, temperature measurement plot, atmospheric physics measurement instruments.                       |                  |          |         |
| Fencing of the site and securing against unauthorised access  | YES. An observer is present on shifts, possibility of access 24 h/day.  |                  |          |         |
| Access to power<br>(location of the electrical box)   | YES   |                  |          |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Buildings heated with a heat pump. It is possible to set up a collector except the area to NW of the existing container (proximity of trees) - the most convenient location is to the east of the container (photo) |                  |          |         |







21.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Parsęta - Stacja Bazowa Zintegrowanego Monitoringu Środowiska Przyrodniczego |         |                  |          |
|--|--|---------|------------------|----------|
| Station type:<br>(urban, suburban, non-urban)        | forest station   |         |                  |          |
| Coordinates:   | from documentation   |         | verified on site |          |
|  | 53.778999  | 16.4974 | 53.77897         | 16.49775 |
| Land owner:  | Adam Mickiewicz University in Poznań   |         |                  |          |
| Institution responsible for operation of the station |  |         |                  |          |

|                                     | NW - NE                           | NE - SE  | SE - SW | SW - NW |
|-------------------------------------|-----------------------------------|----------|---------|---------|
| 10km from industry                  | YES                               | YES      | YES     | YES     |
| 100m from houses with low emissions | NO (house heated with oil<br>60m) | YES      | YES     | YES     |
| 50m from roads with light traffic   | YES                               | NO (35m) | YES     | YES     |
| 500m from roads with heavy traffic  | YES                               | YES      | YES     | YES     |
| Station name and address:   | Parsęta                     | - Stacja Bazowa Zintegrowanego | Monitoringu Środowiska Przyrod | dniczego                               |
|---|-----------------------------|--------------------------------|--------------------------------|--|
| 1km from livestock farms  | YES                         | YES                            | YES                            | YES                                    |
| 200m from grazing land  | YES                         | cropland                       | cropland                       | YES                                    |
| Dust-free surrounding   | YES                         | cropland                       | cropland                       | Forest (deiduous, coniferous<br>trees) |
| Presence of trees   | NO                          | NO                             | NO                             | NO                                     |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | met mast, utility buildings | met mast, local road, field    | met mast, cropland, forest     | met mast, meadow, forest               |
| Additional information  |                             |                                |                                |  |

Parsęta - Stacja Bazowa Zintegrowanego Monitoringu Środowiska Przyrodniczego

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |  |
|---|---|---------|---------|---------|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | met mast  |         |         |         |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass   | grass   |         |         |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Dimensions of the weather station 15m x 15m, meteorological instruments |         |         |         |  |  |
| Fencing of the site and securing against unauthorised access  | Area of the station is fenced, no access for third parties.             |         |         |         |  |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |   |         |         |         |  |  |





## Legenda:

| • | kolektor                   |
|---|----------------------------|
| • | maszt meteorologiczny      |
|   | budynek                    |
|   | ogródek meteorologiczny    |
| * | drzewo                     |
|   | droga                      |
|   | odległość między obiektami |
|   |                            |

06.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Piaski                      |                    |           |           |
|--|-----------------------------|--------------------|-----------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                   |                    |           |           |
| Coordinates:   | from docu                   | from documentation |           | l on site |
| Coordinates:   | 52.501389                   | 17.773464          | 52.501389 | 17.773464 |
| Land owner:  | Gniezno Forest Inspectorate |                    |           |           |
| Institution responsible for operation of the station |                             |                    |           |           |

|                                     | NW - NE         | NE - SE | SE - SW | SW - NW |
|-------------------------------------|-----------------|---------|---------|---------|
| 10km from industry                  | sand mine 1.6km | YES     | YES     | YES     |
| 100m from houses with low emissions | YES             | YES     | NO      | YES     |
| 50m from roads with light traffic   | NO              | NO      | YES     | NO      |
| 500m from roads with heavy traffic  | YES             | YES     | YES     | YES     |

| Station name and address:   |           | Pia      | aski                                    |                |
|---|-----------|----------|---|----------------|
| 1km from livestock farms  | YES       | YES      | YES                                     | YES            |
| 200m from grazing land  | YES       | YES      | YES                                     | YES            |
| Dust-free surrounding   | YES       | YES      | YES                                     | YES            |
| Presence of trees   | YES       | YES      | trees 5m                                | YES            |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | cropland  | cropland | cropland, forest, fire lookout<br>tower | farm buildings |
| Additional information  | Container |          |   |                |

Piaski

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |  |
|---|--|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES  | YES     | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Paving blocks  |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 8m x 5m  |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES  |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | No place to set up a collector.<br>Need to extend the area of the station. |         |         |         |  |





## Legenda

drzewa
budynki
droga

06.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Poznań Morasko                        |                                     |           |           |
|--|---------------------------------------|-------------------------------------|-----------|-----------|
| Station type:<br>(urban, suburban, non-urban)        | suburban                              |                                     |           |           |
| Coordinates:   | from docu                             | from documentation verified on site |           |           |
| Coordinates:   | 52.463001                             | 16.941401                           | 52.463001 | 16.941401 |
| Land owner:  | Adama Mickiewicz University in Poznań |                                     |           |           |
| Institution responsible for operation of the station |                                       |                                     |           |           |

|                                     | NW - NE | NE - SE  | SE - SW | SW - NW  |
|-------------------------------------|---------|--|---------|--|
| 10km from industry                  | YES     | municipal waste incineration plant 4.5km to SE | YES     | Poznań municipal waste landfill<br>5.5km to NW |
| 100m from houses with low emissions | YES     | YES  | YES     | YES  |
| 50m from roads with light traffic   | YES     | YES  | NO      | NO   |
| 500m from roads with heavy traffic  | YES     | YES  | NO      | NO   |

| Station name and address:   |   | Poznań          | Morasko                              |                         |
|---|---|-----------------|--------------------------------------|-------------------------|
| 1km from livestock farms  | YES   | YES             | YES                                  | YES                     |
| 200m from grazing land  | YES   | YES             | YES                                  | YES                     |
| Dust-free surrounding   | YES   | YES             | YES                                  | YES                     |
| Presence of trees   | YES   | trees 30m       | trees 30m                            | YES                     |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | 50m to University   | 50m to car park | green area overgrowing with<br>trees | 15m to a large car park |
| Additional information  | An obstacle course for wheelchair training right next to the weather station. |                 |                                      |                         |

Poznań Morasko

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE     | NE - SE | SE - SW | SW - NW |  |
|---|-------------|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES         | YES     | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass       |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | 15 m x 15 m |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | fenced area |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES         |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |             |         |         |         |  |







\*

drzewa

budynki

droga

13.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Racibórz  |                                     |           |           |
|--|-----------|-------------------------------------|-----------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban  |                                     |           |           |
| Coordinates:   | from docu | from documentation verified on site |           |           |
| Coordinates:   | 50.061020 | 18.190810                           | 50.061020 | 18.190810 |
| Land owner:  | IMWM-NRI  |                                     |           |           |
| Institution responsible for operation of the station | IMWM-NRI  |                                     |           |           |

|                                     | NW - NE              | NE - SE                                   | SE - SW | SW - NW |
|-------------------------------------|----------------------|---|---------|---------|
| 10km from industry                  | landfill 6.5km to NE | aggregates production<br>company 5km to E | YES     | YES     |
| 100m from houses with low emissions | YES                  | YES                                       | YES     | YES     |
| 50m from roads with light traffic   | YES                  | YES                                       | YES     | YES     |
| 500m from roads with heavy traffic  | YES                  | NO  | YES     | YES     |

| Station name and address:   |                   | Raci              | bórz              |                   |
|---|-------------------|-------------------|-------------------|-------------------|
| 1km from livestock farms  | YES               | YES               | YES               | YES               |
| 200m from grazing land  | YES               | YES               | YES               | YES               |
| Dust-free surrounding   | YES               | YES               | YES               | YES               |
| Presence of trees   | YES               | YES               | YES               | YES               |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | agricultural land | agricultural land | agricultural land | agricultural land |
| Additional information  |                   |                   |                   |                   |

Racibórz

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                   | NE - SE | SE - SW | SW - NW |  |
|---|---------------------------|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  |                           |         |         |         |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass                     |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 40m x 30m |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES                       |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES                       |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | YES                       |         |         |         |  |





## Legenda

- budynki
- droga

11.04.2022

## STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Sandomierz, ul. Ożarowska 65 |                                     |          |          |
|--|------------------------------|-------------------------------------|----------|----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban                     |                                     |          |          |
| Coordinates:   | from docu                    | from documentation verified on site |          |          |
| Coordinates:   | 50.696596                    | 21.715883                           | 50.69568 | 21.71595 |
| Land owner:  | IMWM-NRI                     |                                     |          |          |
| Institution responsible for operation of the station | IMWM-NRI                     |                                     |          |          |

|                                     | NW - NE | NE - SE   | SE - SW | SW - NW |
|-------------------------------------|---------|---|---------|---------|
| 10km from industry                  | YES     | YES   | YES     | YES     |
| 100m from houses with low emissions | YES     | station building ca. 50m coal-fired,<br>to be converted to gas; ca. 100m<br>neighbouring building | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES   | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES   | YES     | YES     |

| Station name and address:   |                       | Sandomierz, ul | . Ożarowska 65        |     |
|---|-----------------------|----------------|-----------------------|-----|
| 1km from livestock farms  | YES                   | YES            | YES                   | YES |
| 200m from grazing land  | YES                   | YES            | YES                   | YES |
| Dust-free surrounding   | orchards              | YES            | sady                  | YES |
| Presence of trees   | orchards, apple trees |                | orchards, apple trees |     |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | orchards, apple trees |                | orchards, apple trees |     |
| Additional information  |                       |                |                       |     |

Sandomierz, ul. Ożarowska 65

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                                      | NE - SE              | SE - SW | SW - NW |
|---|--|----------------------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES  | klatka, deszczomierz | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | terrain without sloping, covered with grass. |                      |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 20m x 20m                    |                      |         |         |
| Fencing of the site and securing against unauthorised access  | YES  |                      |         |         |
| Access to power<br>(location of the electrical box)   | YES  |                      |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is possible to set up a collect           | or.                  |         |         |







13.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Szarów  |           |          |                  |  |
|--|---|-----------|----------|------------------|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban  |           |          |                  |  |
| Coordinates:   | from documentation  |           | verified | verified on site |  |
|  | 50.0075   | 20.259167 | 50.0075  | 20.259167        |  |
| Land owner:  | W. Szafer Institute of Botany of the Polish Academy of Sciences |           |          |                  |  |
| Institution responsible for operation of the station | CIEP  |           |          |                  |  |

|                                     | NW - NE | NE - SE | SE - SW                             | SW - NW |
|-------------------------------------|---------|---------|-------------------------------------|---------|
| 10km from industry                  | YES     | YES     | aggregate mining plant 5km to<br>SE | YES     |
| 100m from houses with low emissions | YES     | YES     | NO                                  | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES                                 | YES     |
| 500m from roads with heavy traffic  | YES     | NO      | YES                                 | YES     |

| Station name and address:   |     | Sza       | rów                           |     |
|---|-----|-----------|-------------------------------|-----|
| 1km from livestock farms  | YES | YES       | YES                           | YES |
| 200m from grazing land  | YES | YES       | YES                           | YES |
| Dust-free surrounding   | YES | YES       | YES                           | YES |
| Presence of trees   | YES | trees 60m | YES                           | YES |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | YES | YES       | building of the Institute 20m | YES |
| Additional information  |     |           |                               |     |

Szarów

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW                       | SW - NW |  |
|---|---|---------|-------------------------------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  |   |         | building of the Institute 20m |         |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass   |         |                               |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | fenced area, container without an additional fence                |         |                               |         |  |
| Fencing of the site and securing against unauthorised access  | fenced area   |         |                               |         |  |
| Access to power<br>(location of the electrical box)   | YES   |         |                               |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | YES, need to fence the station, close proximity to a big building |         |                               |         |  |







drzewabudynkidroga

27.04.2022

## STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Szymbark   |           |  |  |
|--|--|-----------|--|--|
| Station type:<br>(urban, suburban, non-urban)        | non-urban  |           |  |  |
|  | from documentation verified on site                      |           |  | l on site  |
| Coordinates:   | 49.633714  | 21.116833 | 49.63371 (container)<br>49.6335 (wet-only collector<br>IMNE) | 21.11682 (container)<br>21.1166 (wet-only collector<br>IMNE) |
| Land owner:  | Instytut Geografii i Przestrzennego Zagospodarowania PAN |           |  |  |
| Institution responsible for operation of the station |  |           |  |  |

|                                     | NW - NE | NE - SE | SE - SW   | SW - NW   |
|-------------------------------------|---------|---------|-----------|-----------|
| 10km from industry                  | YES     | YES     | YES       | YES       |
| 100m from houses with low emissions | YES     | YES     | gas-fired | gas-fired |
| 50m from roads with light traffic   | YES     | YES     | YES       | YES       |
| 500m from roads with heavy traffic  | YES     | YES     | YES       | YES       |

| Station name and address:   | Szymbark    |             |                         |        |  |
|---|-------------|-------------|-------------------------|--------|--|
| 1km from livestock farms  | YES         | YES         | YES                     | YES    |  |
| 200m from grazing land  | YES         | YES         | YES                     | YES    |  |
| Dust-free surrounding   | YES         | YES         | YES                     | YES    |  |
| Presence of trees   | mixed (40m) | mixed (60m) | apple, pine trees (50m) | YES    |  |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | meadow      | meadow      | meadow                  | meadow |  |
| Additional information  |             |             |                         |        |  |

| Station | name  | and | address:  |
|---------|-------|-----|-----------|
| Julion  | manne | unu | uuui C33. |

Szymbark

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE  | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | screen, mast   | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass, significantly sloping terrain   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | large area   |         |         |         |
| Fencing of the site and securing against unauthorised access  | NO   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES  |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Significantly sloping terrain.<br>Presence of a wet-only collector at the station. |         |         |         |







05.04.2022

## **STATION DESCRIPTION SHEET**

#### I. BASIC INFORMATION

| Station name and address:                            | Toruń IMGW, ul. Storczykowa 124 |           |                  |          |
|--|---------------------------------|-----------|------------------|----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | urban                           |           |                  |          |
| Coordinates:   | from documentation              |           | verified on site |          |
|  | 53.042098                       | 18.595171 | 53.04216         | 18.59526 |
| Land owner:  | IMWM-NRI                        |           |                  |          |
| Institution responsible for operation of the station | IMWM-NRI                        |           |                  |          |

|                                     | NW - NE           | NE - SE           | SE - SW | SW - NW                  |
|-------------------------------------|-------------------|-------------------|---------|--------------------------|
| 10km from industry                  | YES               | YES               | YES     | YES                      |
| 100m from houses with low emissions | building ca. 100m | building ca. 100m | YES     | building heated with gas |
| 50m from roads with light traffic   | NO                | NO                | NO      | NO                       |
| 500m from roads with heavy traffic  | YES               | YES               | YES     | YES                      |

| Station name and address:   | Toruń IMGW, ul. Storczykowa 124 |                         |     |     |  |
|---|---------------------------------|-------------------------|-----|-----|--|
| 1km from livestock farms  | YES                             | YES                     | YES | YES |  |
| 200m from grazing land  | YES                             | YES                     | YES | YES |  |
| Dust-free surrounding   | YES                             | YES                     | YES | YES |  |
| Presence of trees   | YES                             | YES                     | YES | YES |  |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Grass, residential estate       | shops, a large car park |     |     |  |
| Additional information  |                                 |                         |     |     |  |
Toruń IMGW, ul. Storczykowa 124

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE                           | SE - SW                            | SW - NW                           |  |
|---|---|-----------------------------------|------------------------------------|-----------------------------------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES   | YES                               | Stevenson screen, rain gauges,     | mast ca. 20m                      |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Level ground, covered with gra  | Level ground, covered with grass. |                                    |                                   |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station with an area of ca. 10x10 m, area belonging to IMWM is large. Stevenson screen, rain gauges, ground plot, sampler, ceilometer in the weather station. |                                   |                                    |                                   |  |
| Fencing of the site and securing against unauthorised access  | Fenced area, observer on shifts.  |                                   |                                    |                                   |  |
| Access to power<br>(location of the electrical box)   | YES   |                                   |                                    |                                   |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | It is possible to set up a collect station).  | or (best place is the south-weste | ern corner of the weather station; | ; or at the screen outside of the |  |







13.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Ustroń   |                                     |           |           |
|--|--|-------------------------------------|-----------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban   |                                     |           |           |
| Coordinatos  | from docu  | from documentation verified on site |           |           |
| Coordinates:   | 49.719731  | 18.826722                           | 49.719731 | 18.826722 |
| Land owner:  | Uzdrowiskowy Instytut Zdrowia "Ustroń" Sp. z o.o. in Ustroń, ul. Sanatoryjna 1 |                                     |           |           |
| Institution responsible for operation of the station | CIEP   |                                     |           |           |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW         |
|-------------------------------------|---------|---------|---------|-----------------|
| 10km from industry                  | YES     | YES     | YES     | quarry 7km to W |
| 100m from houses with low emissions | YES     | YES     | YES     | YES             |
| 50m from roads with light traffic   | YES     | YES     | NIE     | YES             |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | NO              |

| Station name and address:   |   | Ust                                     | roń                                     |   |
|---|---|---|---|---|
| 1km from livestock farms  | YES                                     | YES                                     | YES                                     | YES                                     |
| 200m from grazing land  | YES                                     | YES                                     | YES                                     | YES                                     |
| Dust-free surrounding   | YES                                     | YES                                     | YES                                     | YES                                     |
| Presence of trees   | YES                                     | 20m                                     | YES                                     | 20m                                     |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | sanatorium, walking and<br>leisure area |
| Additional information  | sloping terrain                         |   |   |   |

Ustroń

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                      | NE - SE | SE - SW | SW - NW |
|---|------------------------------|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | mineral water drinking place |         |         |         |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass                        |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Container fencing 5m x 4m    |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES                          |         |         |         |
| Access to power<br>(location of the electrical box)   | YES                          |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Need to extend station area. |         |         |         |





Legenda

- drzewa
- budynki
- droga

18.05.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Wieluń, ul. Graniczna 45 |                                     |          |          |
|--|--------------------------|-------------------------------------|----------|----------|
| Station type:<br>(urban, suburban, non-urban)        | suburban                 |                                     |          |          |
| Coordinates:   | from docu                | from documentation verified on site |          |          |
| Coordinates:   | 51.21023                 | 18.55657                            | 51.21028 | 18.55656 |
| Land owner:  | IMWM-NRI                 |                                     |          |          |
| Institution responsible for operation of the station | IMWM-NRI                 |                                     |          |          |

|                                     | NW - NE | NE - SE  | SE - SW | SW - NW |
|-------------------------------------|---------|--|---------|---------|
| 10km from industry                  | YES     | YES  | YES     | YES     |
| 100m from houses with low emissions | YES     | NO (residential building at a distance of ca. 50m) | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES  | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES  | YES     | YES     |

| Station name and address:   |  | Wieluń, ul. C   | Graniczna 45                                       |   |
|---|--|---|--|---|
| 1km from livestock farms  | YES  | YES   | YES  | YES                                       |
| 200m from grazing land  | YES  | YES   | YES  | YES                                       |
| Dust-free surrounding   | YES  | YES   | YES  | YES                                       |
| Presence of trees   | YES  | YES   | YES  | YES                                       |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Grass, building of the station at<br>a distance of ca. 40m | Grass, buildings: residential<br>and garages at a distance of 30<br>to 50m. | Grass, shrubs and tree at a<br>distance of ca. 50m | Grass, shrubs at a distance of<br>ca. 50m |
| Additional information  | the area is fenced and monito                              | red   |  |   |

Wieluń, ul. Graniczna 45

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |
|---|---|---------|---------|---------|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Stevenson screen, street lamp<br>with a heigth of ca. 11m | YES     | YES     | YES     |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass   |         |         |         |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 20x20m with meteorological instruments    |         |         |         |  |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | possibility to set up a new collector                     |         |         |         |  |





### Legenda:

| kolektor                   |
|----------------------------|
| ogrodzenie                 |
| budynek                    |
| ogródek meteorologiczny    |
| drzewo                     |
| droga                      |
| odległość między obiektami |
|                            |

12.04.2022

# STATION DESCRIPTION SHEET

#### I. BASIC INFORMATION

| Station name and address:                            | Wigry  |                                     |          |          |
|--|--|-------------------------------------|----------|----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban   |                                     |          |          |
| Coordinates:   | from docu  | from documentation verified on site |          |          |
| Coordinates:   | 54.060902  | 23.0135                             | 54.06083 | 23.01357 |
| Land owner:  | Wigry National Park, Suwałki Forest Inspectorate |                                     |          |          |
| Institution responsible for operation of the station |  |                                     |          |          |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW   |
|-------------------------------------|---------|---------|---------|---|
| 10km from industry                  | YES     | YES     | YES     | mineral resource mine 3km to W<br>(apparent periodic dusting at the<br>station during strong winds from the<br>W, reported by station attendants) |
| 100m from houses with low emissions | YES     | YES     | YES     | NO (85m)  |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES   |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES   |

| Station name and address:   |                                 | Wi             | gry            |                |
|---|---------------------------------|----------------|----------------|----------------|
| 1km from livestock farms  | YES                             | YES            | YES            | YES            |
| 200m from grazing land  | YES                             | YES            | YES            | YES            |
| Dust-free surrounding   | Pine trees                      | Pine trees     | Pine trees     | Pine trees     |
| Presence of trees   | Pine trees at a distance of 25m | YES            | YES            | YES            |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | Grass                           | Crops (grains) | Crops (grains) | Crops (grains) |
| Additional information  |                                 |                |                |                |

Wigry

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |
|---|---|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | Stevenson screen*<br>Wind gauge mast (10m)  | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | Grass   |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Weather station 15m x 15m, rain gauge, Stevenson screen, etc.   |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES (1.5m tall)   |         |         |         |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | YES (to S of the screen), *the Stevenson screen is oriented in inconsistently with WMO requirements, the doors of the screen should be on the northern side (need to make a change in this scope) |         |         |         |





### Legenda:



21.04.2022

# STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Wolin - Stacja Bazowa Zintegrowanego Monitoringu Środowiska Przyrodniczego |  |           |           |
|--|--|--|-----------|-----------|
| Station type:<br>(urban, suburban, non-urban)        | forest station   |  |           |           |
| Coordinates:   | from documentation verified on site  |  | l on site |           |
| Coordinates:   | 53.946899  | 14.4756  | 53.946667 | 14.475556 |
| Land owner:  | owned by the Wolin National I  | owned by the Wolin National Park, used by Adam Mickiewicz University in Poznań |           |           |
| Institution responsible for operation of the station |  |  |           |           |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW                 |
|-------------------------------------|---------|---------|---------|-------------------------|
| 10km from industry                  | YES     | YES     | YES     | YES                     |
| 100m from houses with low emissions | YES     | YES     | YES     | No (military buildings) |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES                     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES                     |

| Station name and address:   | Wolin -              | Stacja Bazowa Zintegrowanego I                | Monitoringu Środowiska Przyrod | niczego                                    |
|---|----------------------|---|--------------------------------|--|
| 1km from livestock farms  | YES                  | YES   | YES                            | YES  |
| 200m from grazing land  | YES                  | YES   | YES                            | YES  |
| Dust-free surrounding   | No (pine tree 20m)   | No (pine tree 60m)                            | YES                            | YES  |
| Presence of trees   | YES                  | YES   | NO                             | NO   |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | met mast, cliff, sea | met mast, sea, forest,<br>abandoned buildings | met mast, meadow               | met mast, military area,<br>military radar |
| Additional information  |                      |   |                                |  |

Wolin - Stacja Bazowa Zintegrowanego Monitoringu Środowiska Przyrodniczego

### III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE     | SE - SW | SW - NW |  |  |
|---|---|-------------|---------|---------|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | met mast  | YES         | YES     | YES     |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | sand, grass   | sand, grass |         |         |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Dimensions of the weather station 15m x 15m, meteorological instruments |             |         |         |  |  |
| Fencing of the site and securing against unauthorised access  | Station's area fenced, no access for third parties.                     |             |         |         |  |  |
| Access to power<br>(location of the electrical box)   | YES   |             |         |         |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   |   |             |         |         |  |  |







14.04.2022

## STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Złoty Potok                     |           |           |           |
|--|---------------------------------|-----------|-----------|-----------|
| <b>Station type:</b><br>(urban, suburban, non-urban) | non-urban                       |           |           |           |
| Coordinates:   | from documentation verified o   |           | on site   |           |
| Coordinates:   | 50.710889                       | 19.458797 | 50.710889 | 19.458797 |
| Land owner:  | Złoty Potok Forest Inspectorate |           |           |           |
| Institution responsible for operation of the station | CIEP                            |           |           |           |

|                                     | NW - NE | NE - SE | SE - SW | SW - NW |
|-------------------------------------|---------|---------|---------|---------|
| 10km from industry                  | YES     | YES     | YES     | YES     |
| 100m from houses with low emissions | YES     | YES     | YES     | YES     |
| 50m from roads with light traffic   | YES     | YES     | YES     | YES     |
| 500m from roads with heavy traffic  | YES     | YES     | YES     | YES     |

| Station name and address:   |                   | Złoty             | Potok             |                   |
|---|-------------------|-------------------|-------------------|-------------------|
| 1km from livestock farms  | YES               | YES               | YES               | YES               |
| 200m from grazing land  | YES               | YES               | YES               | YES               |
| Dust-free surrounding   | YES               | YES               | YES               | YES               |
| Presence of trees   | YES               | YES               | YES               | YES               |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | agricultural land | agricultural land | agricultural land | agricultural land |
| Additional information  |                   |                   |                   |                   |

Złoty Potok

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE                                | NE - SE | SE - SW | SW - NW |
|---|--|---------|---------|---------|
| <b>Obstacles higher than the collector</b><br>(type, height)  | YES                                    | YES     | YES     | YES     |
| Surface type<br>(vegetation, surface type, slope, etc.)   | grass                                  |         |         |         |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | Container, fenced area 7m x 4.5m       |         |         |         |
| Fencing of the site and securing against unauthorised access  | YES                                    |         |         |         |
| Access to power<br>(location of the electrical box)   | YES                                    |         |         |         |
| Additional information<br>(possibility of setting up a new collector, etc.)   | Need to extend the ara of the station. |         |         |         |





Legenda

drzewabudynki

12.04.2022

## STATION DESCRIPTION SHEET

### I. BASIC INFORMATION

| Station name and address:                            | Włodawa, ul. Korolkowska 77 |                            |          |            |  |
|--|-----------------------------|----------------------------|----------|------------|--|
| <b>Station type:</b><br>(urban, suburban, non-urban) | suburban                    |                            |          |            |  |
| Coordinates:   | from docu                   | from documentation verifie |          | ed on site |  |
| Coordinates:   | 51.553556                   | 23.529194                  | 51.55355 | 23.52964   |  |
| Land owner:  | IMWM-NRI                    |                            |          |            |  |
| Institution responsible for operation of the station | IMWM-NRI                    |                            |          |            |  |

|                                     | NW - NE  | NE - SE | SE - SW | SW - NW |
|-------------------------------------|--|---------|---------|---------|
| 10km from industry                  | YES  | YES     | YES     | YES     |
| 100m from houses with low emissions | station fired with oil; 1 building<br>fired with coal or firewood up<br>to 50m |         |         |         |
| 50m from roads with light traffic   | NO   | NO      | NO      | NO      |
| 500m from roads with heavy traffic  | YES  | YES     | YES     | YES     |

| Station name and address:   | Włodawa, ul. Korolkowska 77 |     |               |     |  |
|---|-----------------------------|-----|---------------|-----|--|
| 1km from livestock farms  | YES                         | YES | YES           | YES |  |
| 200m from grazing land  | YES                         | YES | YES           | YES |  |
| Dust-free surrounding   | YES                         | YES | YES           | YES |  |
| Presence of trees   | small trees ca. 20m         |     |               |     |  |
| <b>Use of nearby land</b><br>(crops (what), forest, houses, meadow, park, orchard,<br>crops, masts, water bodies, etc.) | fields, grass               |     | fields, grass |     |  |
| Additional information  |                             |     |               |     |  |

Włodawa, ul. Korolkowska 77

III. DESCRIPTION OF THE STATION'S AREA

|   | NW - NE   | NE - SE | SE - SW | SW - NW |  |  |
|---|---|---------|---------|---------|--|--|
| <b>Obstacles higher than the collector</b><br>(type, height)  | maszt   | klatka  |         |         |  |  |
| Surface type<br>(vegetation, surface type, slope, etc.)   | level ground, covered with grass  |         |         |         |  |  |
| Station area<br>(container, weather station or sampler, potential for<br>setting up a collector, Presence of meteorological<br>instruments at the measurement point (screen, rain gauge,<br>etc.) | large weather station, screen, rain gauges, gound plot, evaporometric pool, ceilometer. |         |         |         |  |  |
| Fencing of the site and securing against unauthorised access  | YES   |         |         |         |  |  |
| Access to power<br>(location of the electrical box)   | YES   |         |         |         |  |  |
| Additional information<br>(possibility of setting up a new collector, etc.)   | it is possible to set up a collector  |         |         |         |  |  |





