



Data Standard

Standardized Hashtags

Updated January 2021

These fields are required:

- **Latitude (#lat_deg)**

Description: Provide the decimal value of the latitude in WGS 1984. At least four decimals (but more are encouraged) should be included. North and East should be noted as positive numbers.

Format: Numbers only, such as 44.475821.

- **Longitude (#lon_deg)**

Description: Provide the decimal value of the longitude in WGS 1984. At least four decimals (but more are encouraged) should be included. North and East should be noted as positive numbers.

Format: Numbers only, such as 73.211954.

- **Presence of Water when Assessed (#status_id)**

Description: Identify if any water is available on the day of the visit, recognizing that it may be a limited flow.

Format: Binary response, i.e. Yes/No, Functional/Not-Functional, etc. In WPDx data repository, responses will be reported as Yes/No, and unknown/blank values will be shown as empty cells.

- **Date of Data Inventory (#report_date)**

Description: Provide the date that the data was collected on using [ISO 8601](#). Time and time zone designator are optional.

Format: YYYY-MM-DD (2015-08-23) or HH:MM:SS+Timezone offset (2015-11 04T13:51:00-04)

- **Data Source (#source)**

Description: Provide the name of the organization collecting the data record.

Format: Open Text

At least one of these fields is required:

- **Water Source (#water_source)**

Description: Describe the water source (e.g. shallow well, spring, borehole, river, pond, etc.).

Format: Open Text

- **Water Point Technology (#water_tech)**

Description: Describe the system being used to transport the water from the source to the point of collection (e.g. Handpump (include manufacturer, i.e. Afridev, India Mark II, Malda, etc.), Kiosk, Tapstand, etc.).

Format: Open Text

These fields are optional:

- **Country (#country_id)**

Description: Select the ISO two letter country classification code, selected from a list of all [ISO country codes](#).

Format: Two letter code (e.g., ET)

- **Primary Administrative Division (#adm1)**

Description: Provide the name of the primary administrative division. The correct unit can be found at <http://www.statoids.com>. This corresponds to “First Order” and “First Level” administrative units at <http://Geonames.org> and <http://www.gadm.org> respectively.

Format: Open Text

- **Secondary Administrative Division (#adm2)**

Description: Provide the name of the secondary administrative division. The correct unit can be found at <http://www.statoids.com>. This corresponds to “Second Order” and “Second Level” administrative units at <http://Geonames.org> and <http://www.gadm.org> respectively.

Format: Open Text

- **Tertiary Administrative Division (#adm3)**

Description: Provide the name of the tertiary administrative division. The correct unit can be found at <http://www.statoids.com>. This corresponds to “Third Order” and “Third Level” administrative units at <http://Geonames.org> and <http://www.gadm.org> respectively.

Format: Open Text

- **Water Point ID (#activity_id)**

Description: Provide the Unique ID for the specific water point infrastructure, as reported by data collector. This could be a physical ID on the water point or an internal system ID.

Format: Open Text

- **Scheme Identification (#scheme_id)**

Description: The identifier for a small piped scheme that connects multiple individual water points.

Format: Open Text

- **Installation Year (#install_year)**

Description: Provide the 4-digit installation year.

Format: Four numbers (e.g. 1994)

- **Installer (#installer)**

Description: Provide the name of the entity or entities that installed the water system. This should be the entities that completed or were directly responsible for the construction, rather than a donor or other involved stakeholder.

Format: Open Text, with multiple entities separated with a “;”

- **Rehabilitation Year (#rehab_year)**

Description: Provide the 4-digit year when the most recent major rehabilitation (not just regular maintenance) occurred.

Format: Four numbers (ex. 1994)

- **Rehabilitator (#rehabilitator)**

Description: Provide the name of the entity or entities that completed the most recent rehabilitation of the water system. This should be the entities that complete or were directly responsible for the construction, rather than a donor or other involved stakeholder.

Format: Open Text, with multiple entities separated with a “;”

- **Management Structure (#management)**

Description: Select the classification of the entity that directly manages the water point.

Format: Open text, category suggestions include: “Direct Government Operation”, “Private Operator/Delegated Management”, “Community Management”, “School”, “Health Care Facility”, “Religious Institution”, “Other Institutional Management”, “Other”

- **Payment for Water (#pay)**

Description: Provide the payment amount and basis (e.g. monthly, per jerry can, when broken, etc.). If no amount is provided, the basis can be provided alone. An amount without a payment basis cannot be included.

Format: Open Text. If an amount is included, include the currency using [ISO 4217 code](#)

- **Condition (#status)**

Description: Provide a status of the physical/mechanical condition of the water point.

Format: Open Text

- **Public Data Source URL (#orig_ink)**

Description: Provide the public link to the data record for a specific water point or full data set, including any non-standard compliant data.

Format: URL of dataset or record, starting with http://

- **Photograph (#photo_ink)**

Description: Provide the URL of a photograph of the water system. Multiple URLs can be included, with each URL separated by a semi-colon (;).

Format: URL of Photograph, starting with http://

- **Fecal Coliform Presence (#fecal_coliform_presence)**

Description: Results of e. coli or thermotolerant coliform water quality test from a 100ml water sample collected directly from water point. Total coliform should not be included. If thermotolerant, must be noted in the metadata. Value should represent presence or absence.

Format: Binary response, i.e. Present/Absent, Yes/No, etc. In WPDx data repository, responses will be reported as Present/Absent, and unknown/blank values will be shown as empty cells. Details on methods can be entered in metadata during upload process.

- **Fecal Coliform Value (#fecal_coliform_value)**

Description: Results of e. coli or thermotolerant coliform water quality test from a 100ml water sample collected directly from water point. Total coliform should not be included. If thermotolerant, must be noted in the metadata. Value should represent the most probable number or colony forming units in 100ml.

Format: Must be a floating-point value. Details on methods can be entered in metadata during upload process.

- **Subjective Quality (#subjective_quality)**

Description: Information regarding the perceived quality of the water including taste, appearance, and/or odor.

Format: Open Text

- **Notes (#notes)**

Description: This field can be used to incorporate any additional information not already part of the WPDx standard that is useful to the data provider.

Format: Open Text