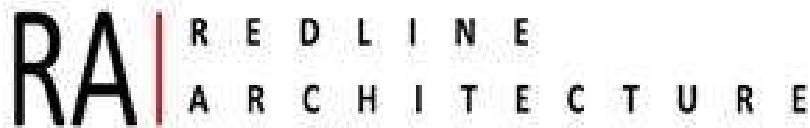




P.O. BOX 41081, Ottawa, Ontario K1G 5K9
Tel.: 613-731-5500 • Fax: 613-822-0463
1-866-809-1504 • www.aquadrain.ca

VIDEO CAMERA INSPECTION REPORTS



REDLINE ARCHITECTURE INC.

**116 – 118 CARRUTHERS AVENUE
LYNDALE - STONEHURST
OTTAWA**

PRE CONSTRUCTION

**SANITARY
APRIL 6, 2026
AQ-4841A**



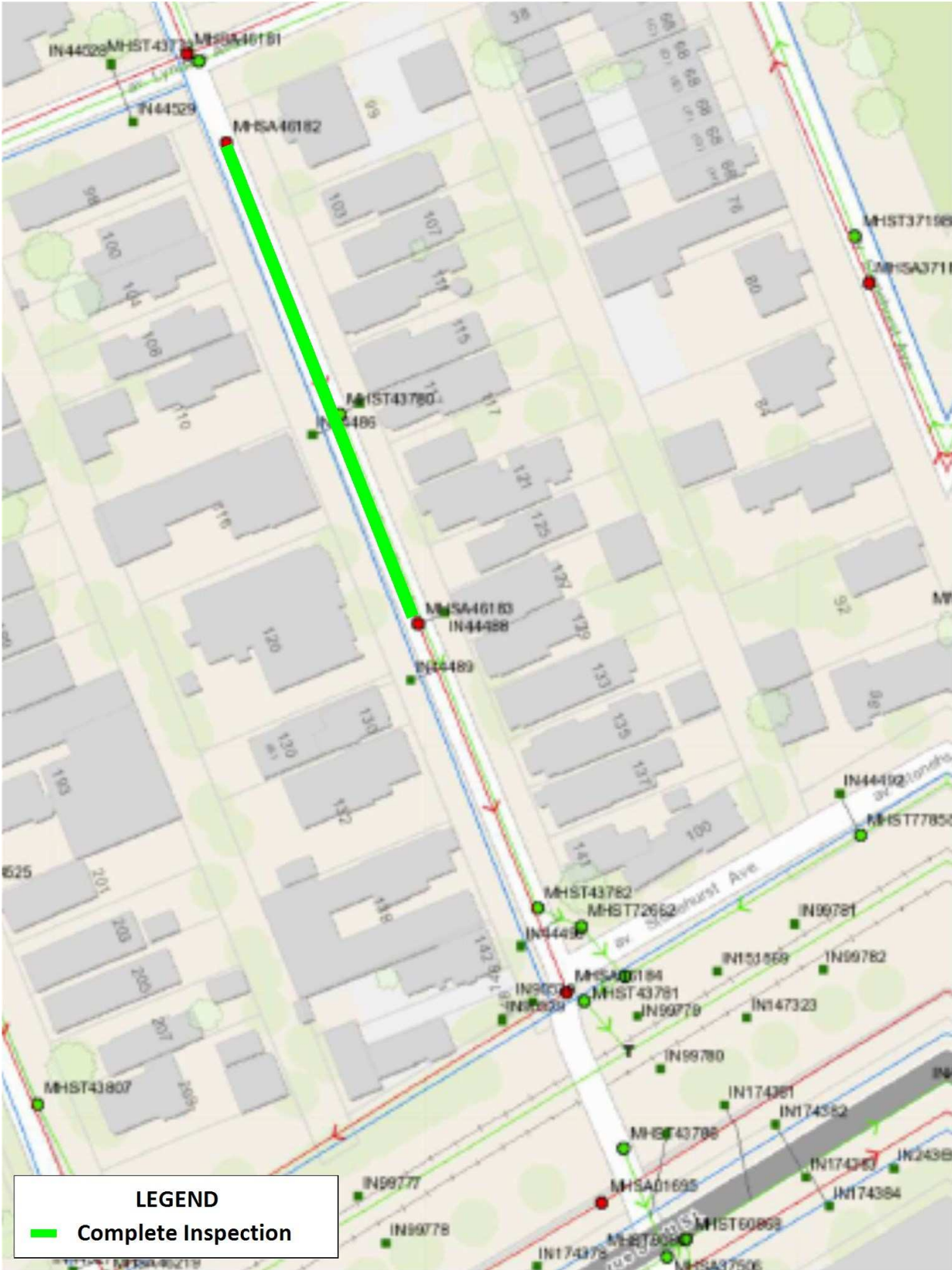
P.O. BOX 41081, Ottawa, Ontario K1G 5K9
 Tel.: 613-731-5500 • Fax: 613-822-0463
 1-866-809-1504 • www.aquadrain.ca

VIDEO LOG SHEET

CUSTOMER: REDLINE ARCHITECTURE INC.
DESCRIPTION: 116 - 118 CARRUTHERS AVENUE
PROJECT ID: QUOTE 8197 - PRE CONSTRUCTION
REPORT ID: AQ-4841A
DATE: APRIL 6, 2026

| REPORT | DATE | STRUCTURE ID | STREET | START MANHOLE | END MANHOLE | LENGTH (M) | SEWER TYPE | SIZE (mm) | NOTES |
|----------------|----------|--------------|-------------------|---------------|-------------|------------|------------|-----------|-------|
| SL-10 | 6-Apr-26 | SAN45072 | CARRUTHERS AVENUE | MHSA46182 | MHSA46183 | 74.0 | SA | 250 | D |
| TOTAL METERS = | | | | | | 74.0 | | | |

Map of inspected pipes

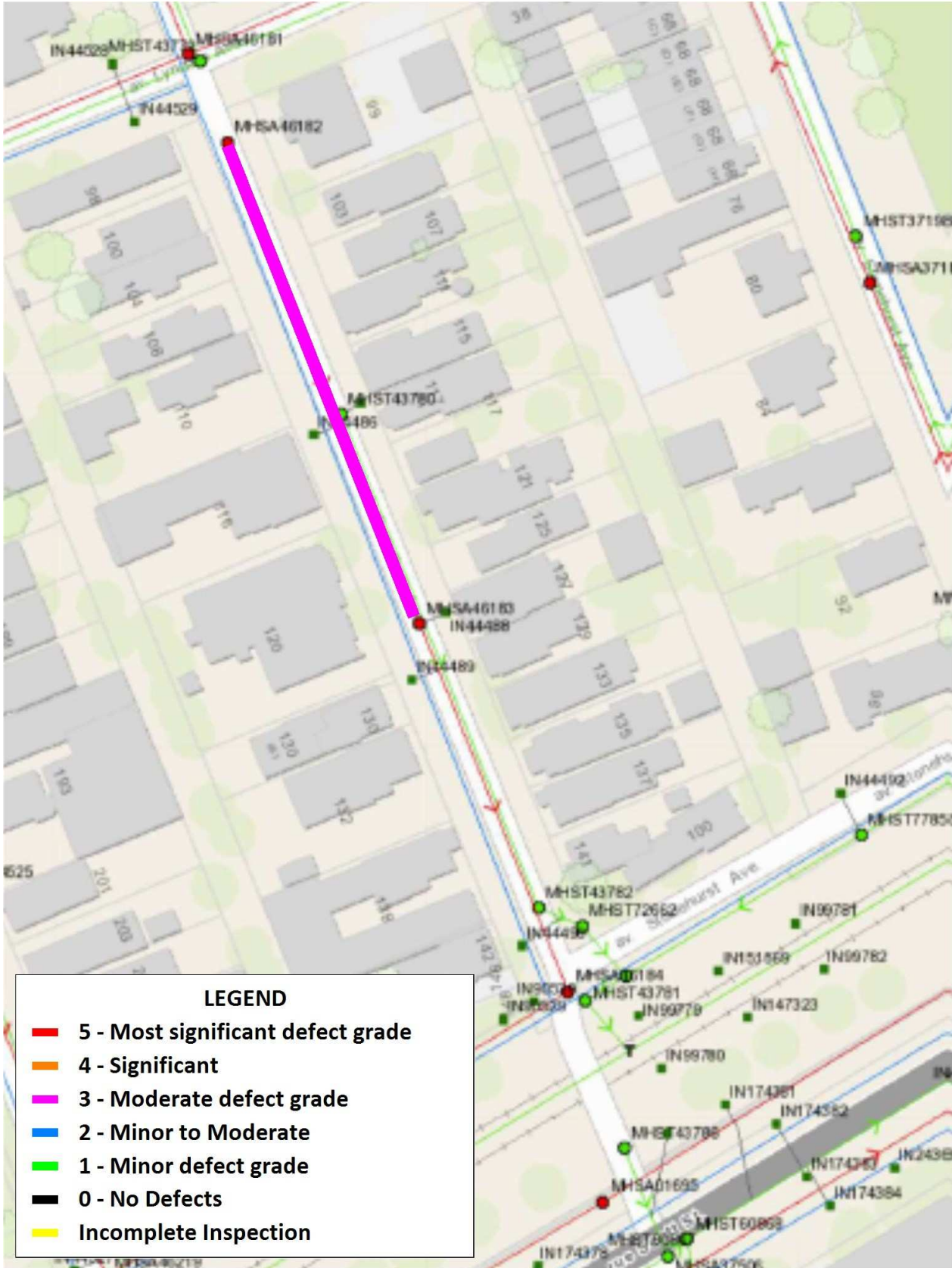


Index of pipes

1 item

| Pipe | Upstream | Downstream | Street | Date | Inspected | Total | Completed | Inspection Status | Page |
|----------|-----------|------------|----------------|---------------------|-----------|-------------|-----------|---------------------|-------------------|
| SAN45072 | MHSA46182 | MHSA46183 | CARRUTHERS AVE | 06/04/2026, 7:01 AM | 74 | 74.5 | 99 % | Complete Inspection | 9 |
| | | | | | Total: 74 | Total: 74.5 | | | |

Structural rating map



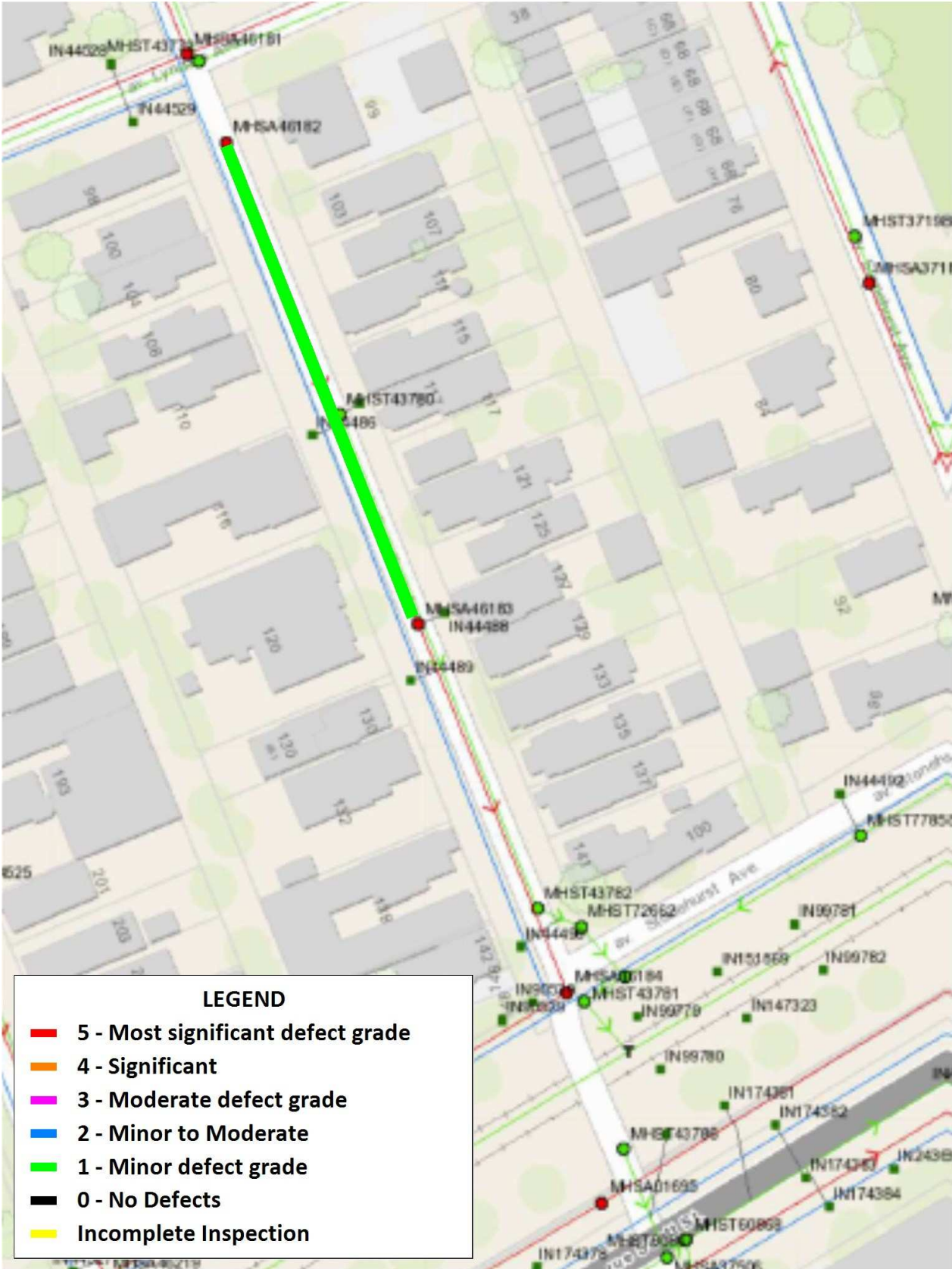
Structural rating

1 item

3 - Moderate defect grade (1 of 1 items)

| Score | Quick | Index | Pipe | Upstream | Downstream | Street | Page |
|-------|-------|-------|----------|-----------|------------|----------------|------|
| 3 | 3100 | 3 | SAN45072 | MHSA46182 | MHSA46183 | CARRUTHERS AVE | 9 |

O&M rating map



O&M rating

1 item

1 - Minor defect grade (1 of 1 items)

| Score | Quick | Index | Structural | Pipe | Upstream | Downstream | Street | Page |
|-------|-------|-------|------------|----------|-----------|------------|----------------|------|
| 1 | 1100 | 1 | 3 | SAN45072 | MHSA46182 | MHSA46183 | CARRUTHERS AVE | 9 |

Pipe summary and condition details

Pipe identification

Pipe: SAN45072
Direction of flow: MHSA46182 --> MHSA46183
Direction of inspection: Downstream

Pipe location

Road: CARRUTHERS AVE
Crossroad: LYNDALE AVE
Drainage Area:
City: Ottawa
Location: Secondary roads
Location details:
Owner:
Road segment:
UPSTREAM DOWNSTREAM
Easting (X): **Easting (X):**
Northing (Y): **Northing (Y):**
Elevation (Z): **Elevation (Z):**
GPS Accuracy:
Coordinate System:
Vertical Datum:

Pipe location map



Pipe characteristics

| | |
|---------------------------------------|--------------------------------|
| Pipe Use: Sanitary Sewage Pipe | Surveyed Length: 74.000 |
| Height: 250 | Total length: 74.5 |
| Width: | Joint length: |
| Shape: Circular | Rim/Inv.: |
| Material: Polyvinyl Chloride | Grade/Inv.: |
| Lining: | Rim/Grade: |
| Coating Method: | Rim/Inv.: |
| Year Constructed: | Grade/Inv.: |
| Year renewed: | Rim/Grade: |

Additional details

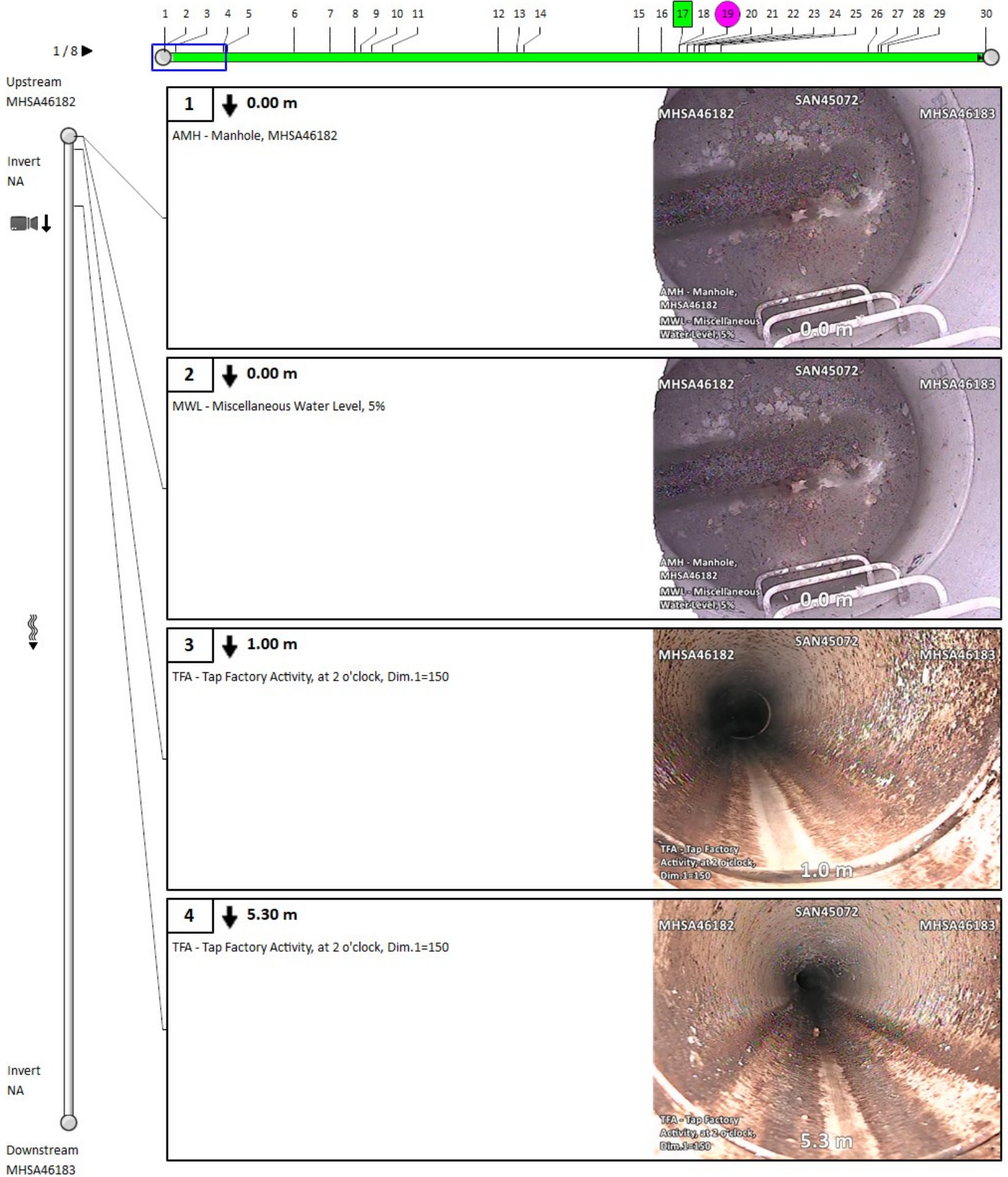
| | |
|---|---|
| Inspection standard: PACP 7.0 | Surveyed by: David Taylor |
| Inspection Status: Complete Inspection | Certificate Number: U-0517-07007687 |
| Date: 06/04/2026, 7:01 AM | Reviewed By: |
| Project: | Reviewer Certificate: |
| Customer: Redline Architecture Inc | Pre-Cleaning: No Pre-Cleaning |
| PO number: | Date cleaned: |
| Work Order: QUOTE # 9187 | Media Label: |
| Purpose: Routine Assessment | Unit of measurement: Metric |
| Weather: | Sheet Number: |
| Flow control: Not Controlled | Additional information: PRE CONSTRUCTION |
| Used Technology: | |

| Structural rating | | O&M rating | | Overall rating | | Failure | |
|----------------------|-------|----------------------|-------|----------------------|-------|---------------------|-------|
| Peak: | 3 | Peak: | 1 | Peak: | 3 | Consequence: | |
| Quick rating: | 3100 | Quick rating: | 1100 | Quick rating: | 3111 | Likelihood: | 3.100 |
| Score: | 3 | Score: | 1 | Score: | 4 | Risk: | |
| Index: | 3.000 | Index: | 1.000 | Index: | 2.000 | | |

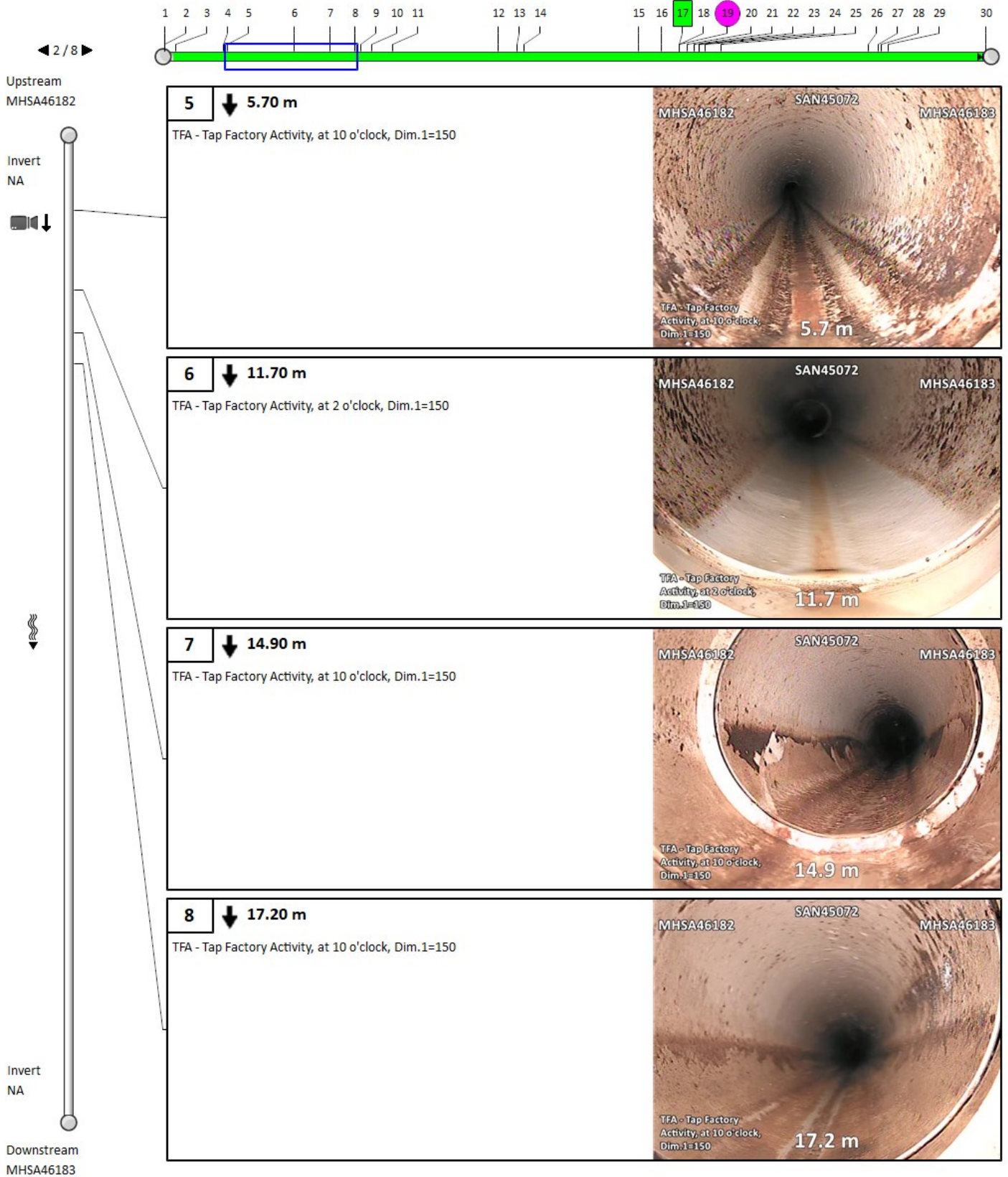
Other information

| | |
|--------------------------------|------------------------|
| Measured Distance: 74.5 | Information 6: |
| Information 2: | Information 7: |
| Information 3: | Information 8: |
| Information 4: | Information 9: |
| Information 5: | Information 10: |

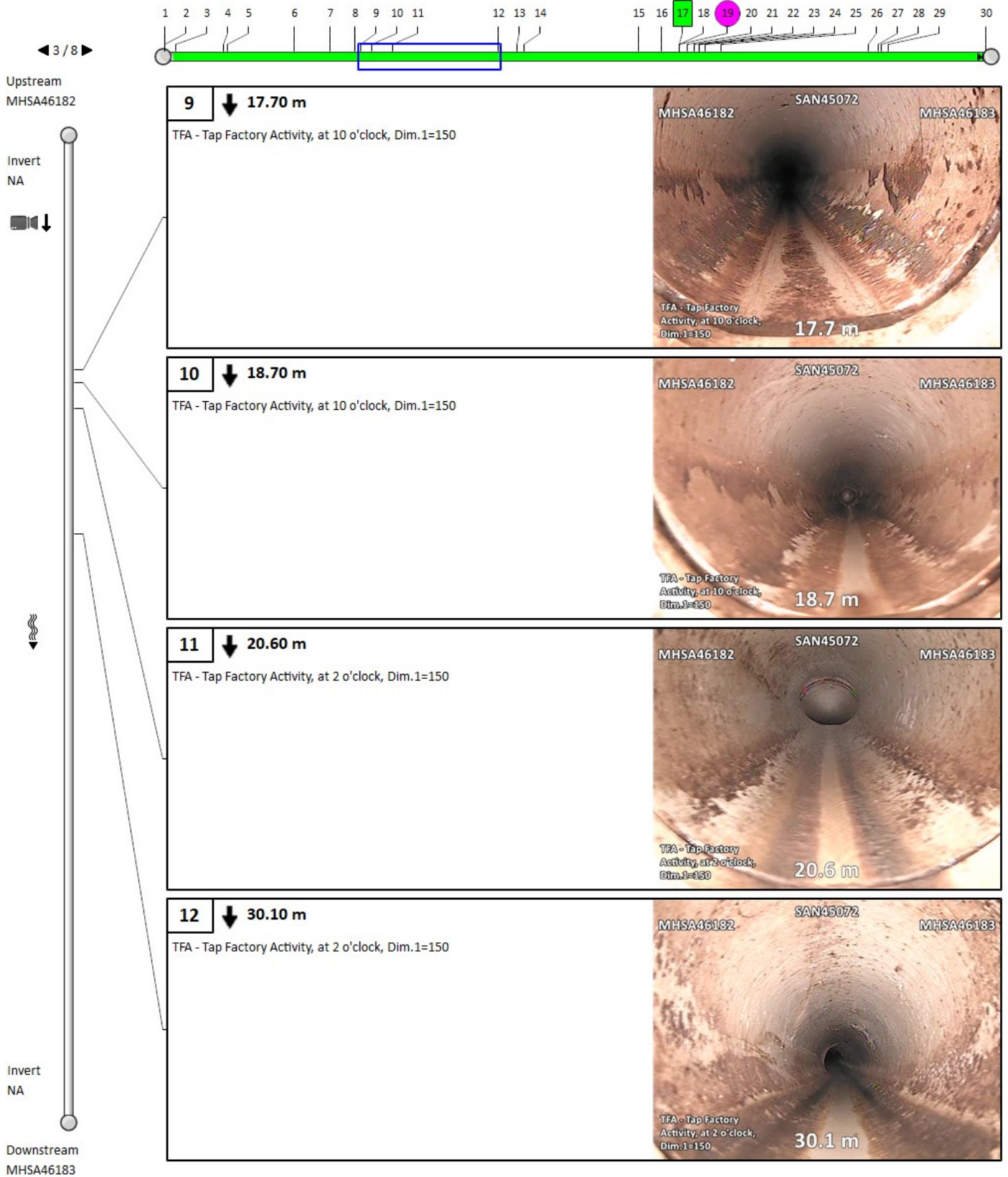
Pipe summary and condition details



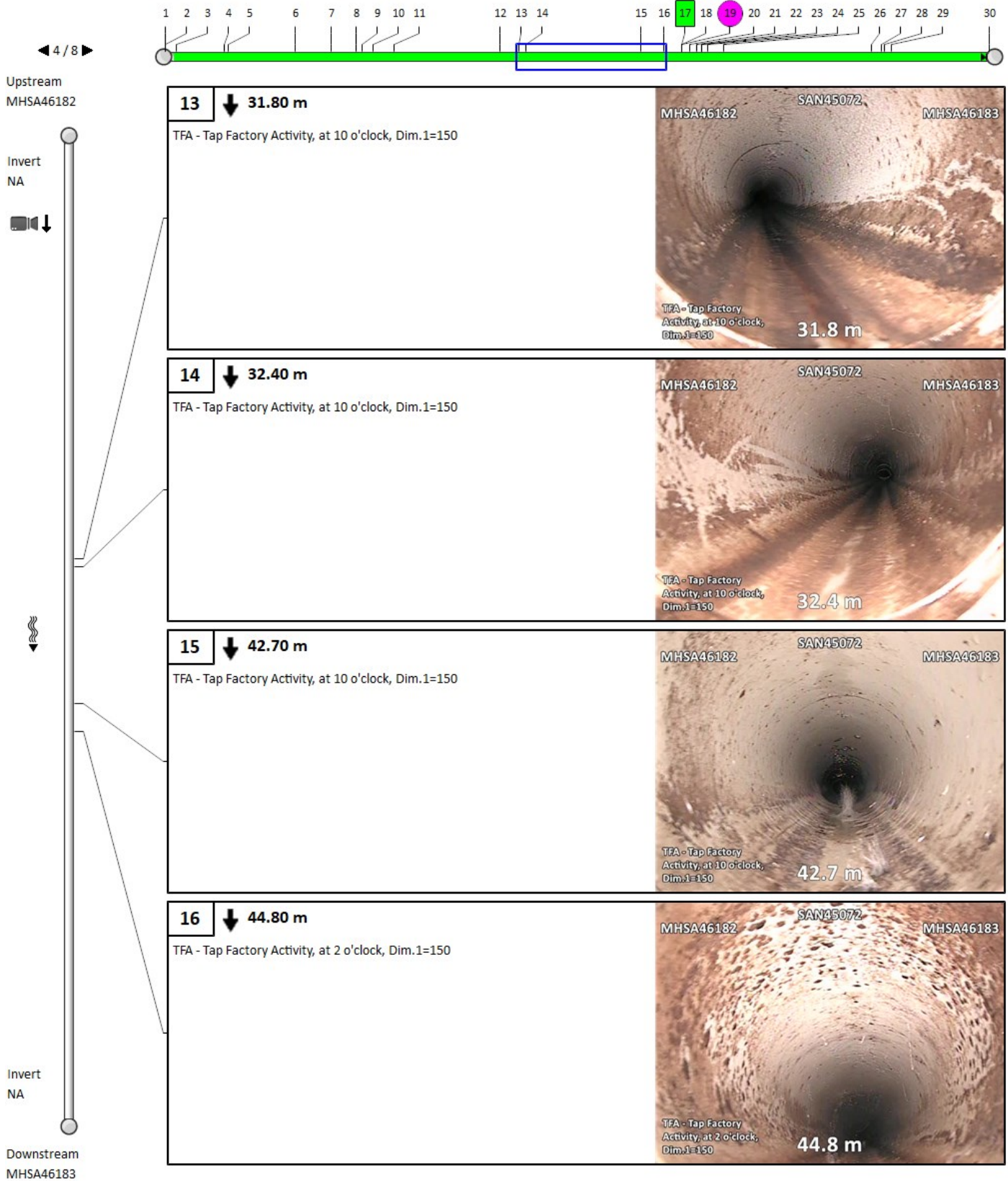
Pipe summary and condition details



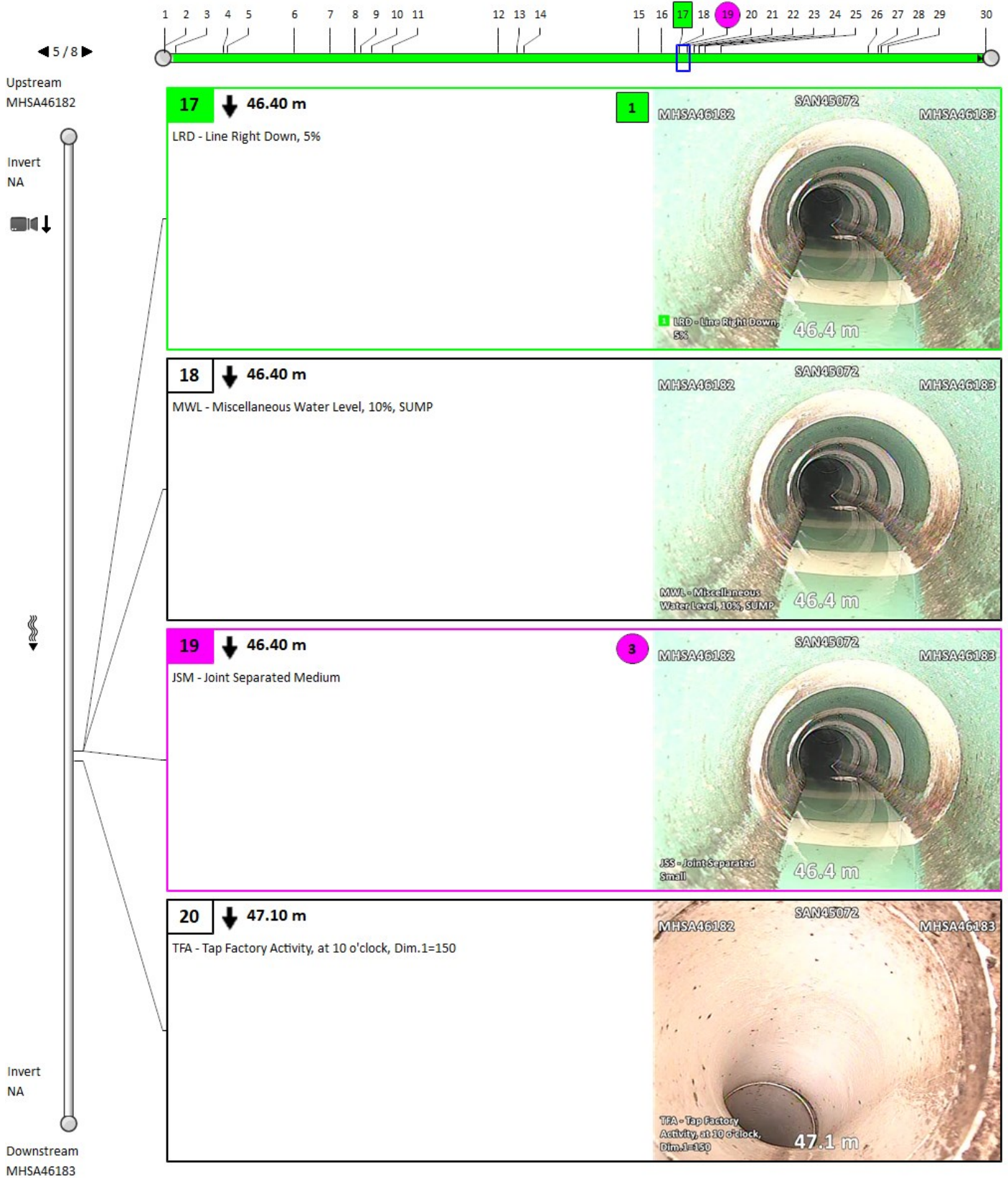
Pipe summary and condition details



Pipe summary and condition details



Pipe summary and condition details



17 ↓ 46.40 m

LRD - Line Right Down, 5%

MHSA46182 SAN45072 MHSA46183

LRD - Line Right Down, 5% 46.4 m

18 ↓ 46.40 m

MWL - Miscellaneous Water Level, 10%, SUMP

MHSA46182 SAN45072 MHSA46183

MWL - Miscellaneous Water Level, 10%, SUMP 46.4 m

19 ↓ 46.40 m

JSM - Joint Separated Medium

MHSA46182 SAN45072 MHSA46183

JSM - Joint Separated Small 46.4 m

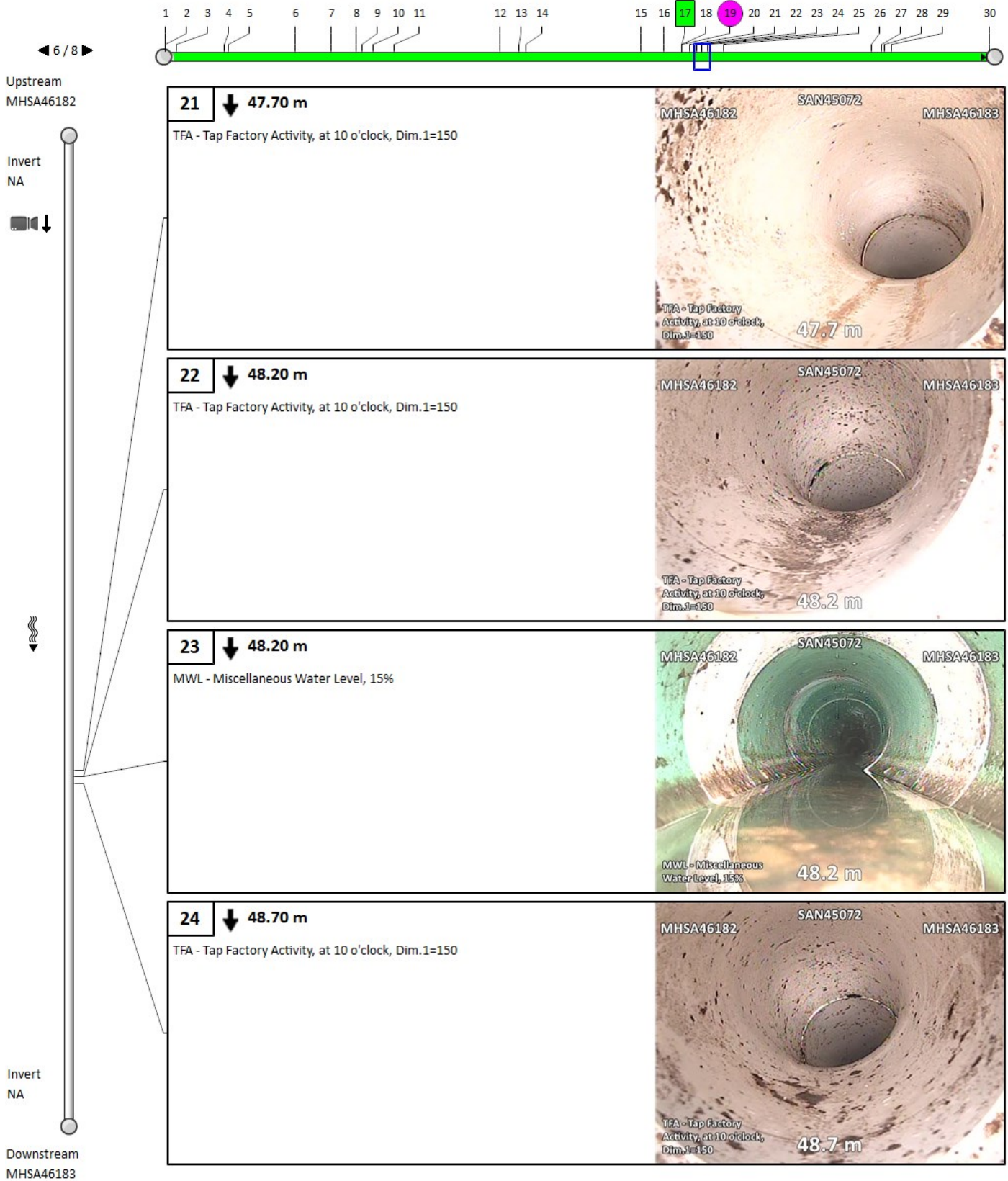
20 ↓ 47.10 m

TFA - Tap Factory Activity, at 10 o'clock, Dim.1=150

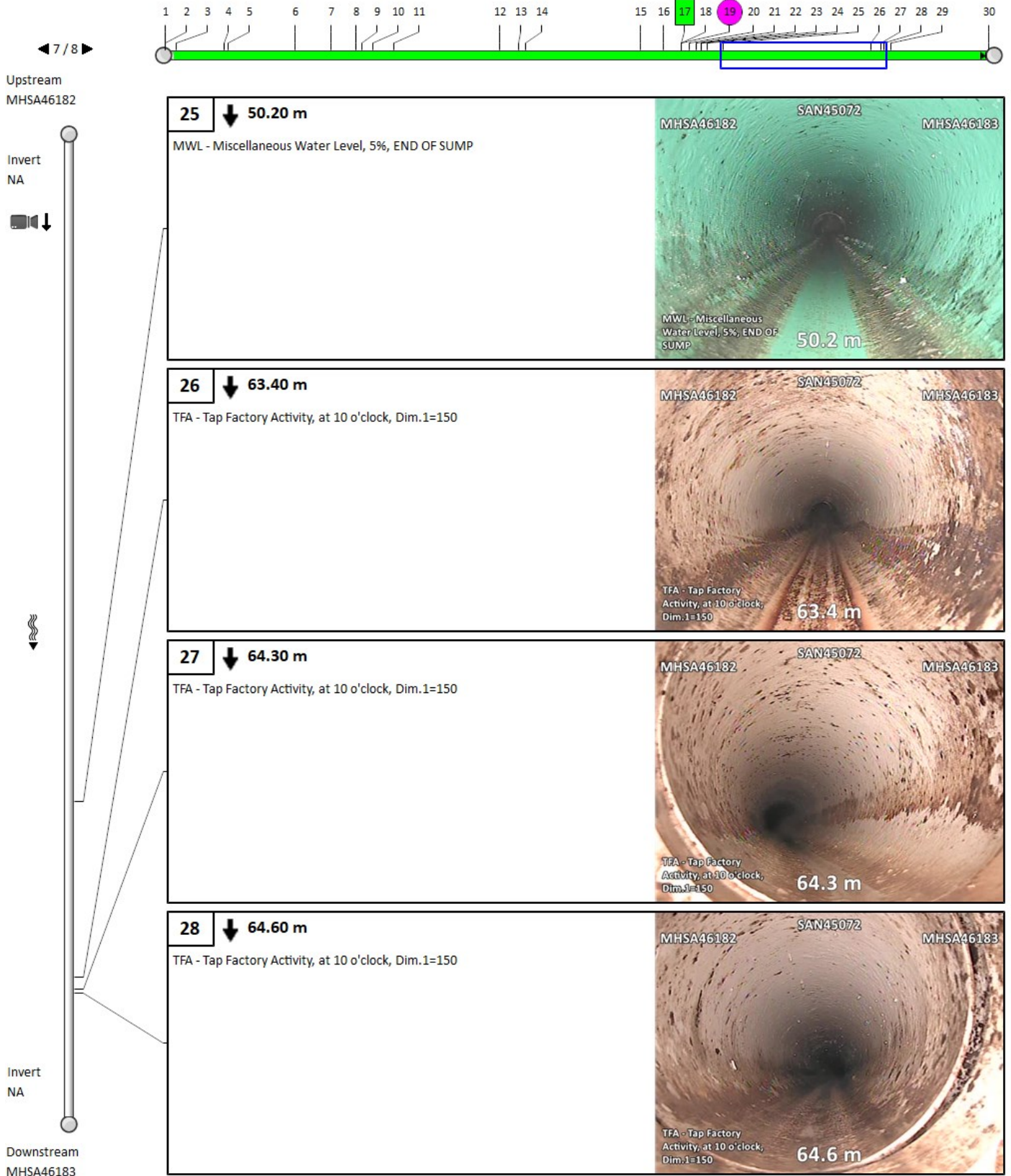
MHSA46182 SAN45072 MHSA46183

TFA - Tap Factory Activity, at 10 o'clock, Dim.1=150 47.1 m

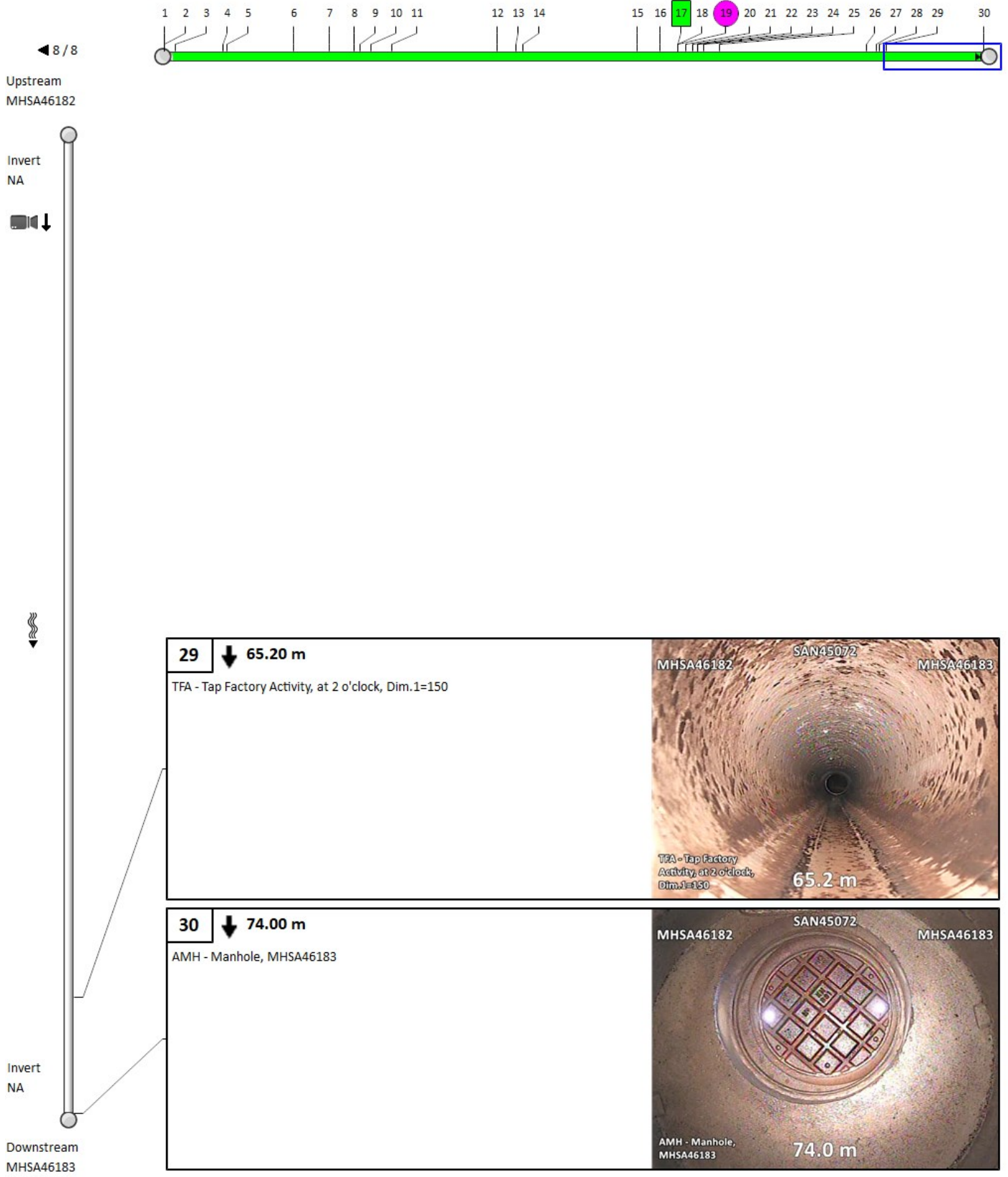
Pipe summary and condition details



Pipe summary and condition details



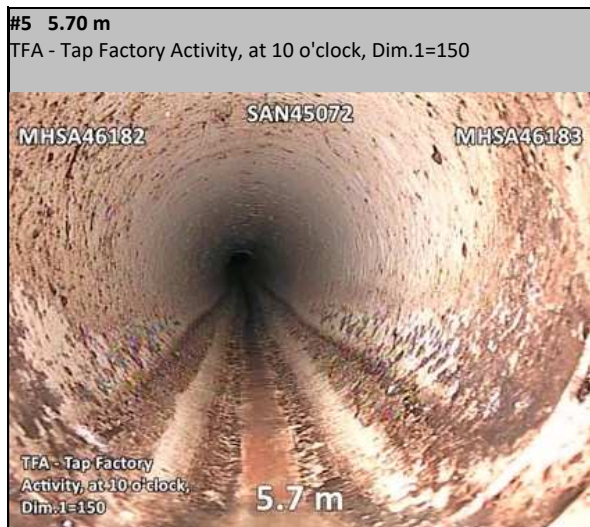
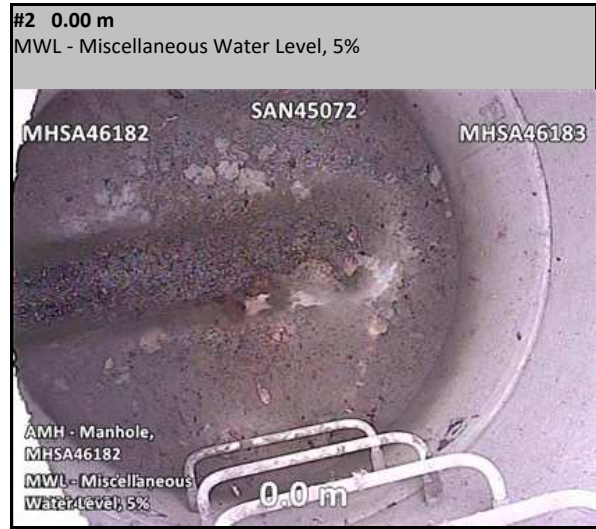
Pipe summary and condition details



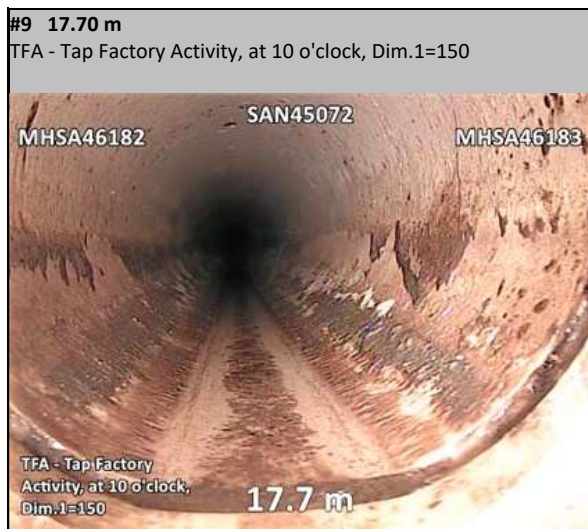
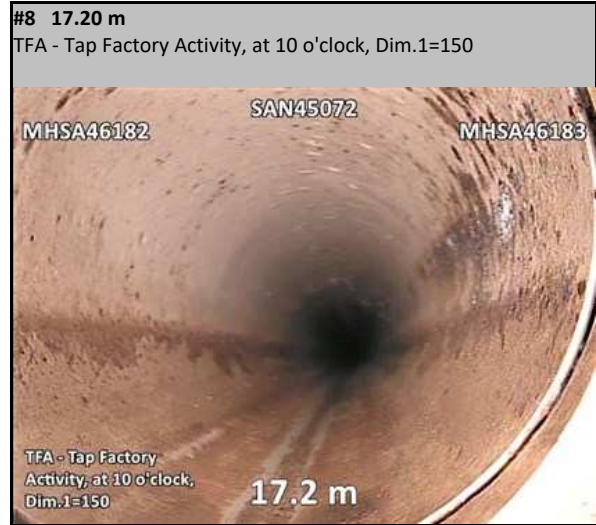
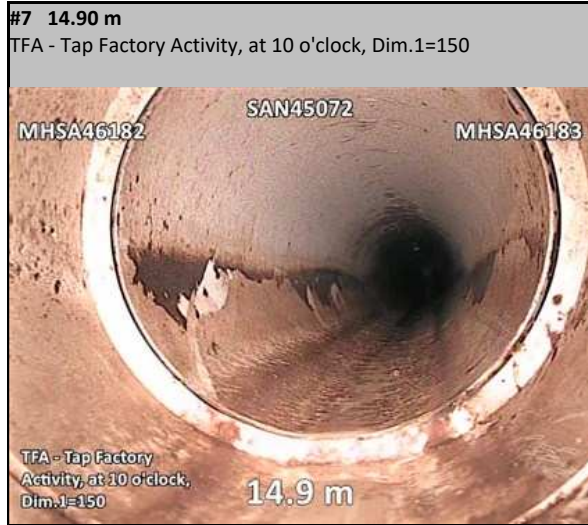
Pipe Pictures

Pipe identification

| | |
|---|---|
| Pipe: SAN45072 | Direction of inspection: MHSA46182 --> MHSA46183 |
| Direction of flow: MHSA46182 --> MHSA46183 | Direction: Direction of flow |



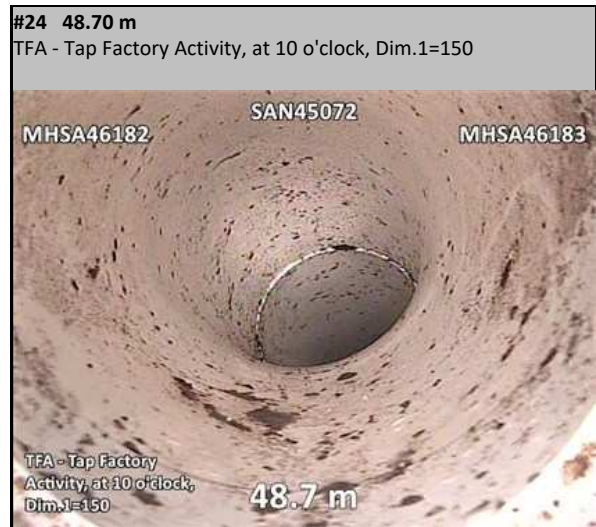
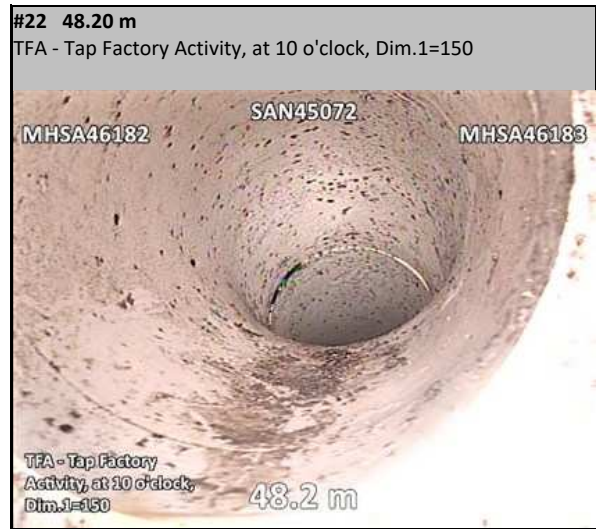
Pipe Pictures



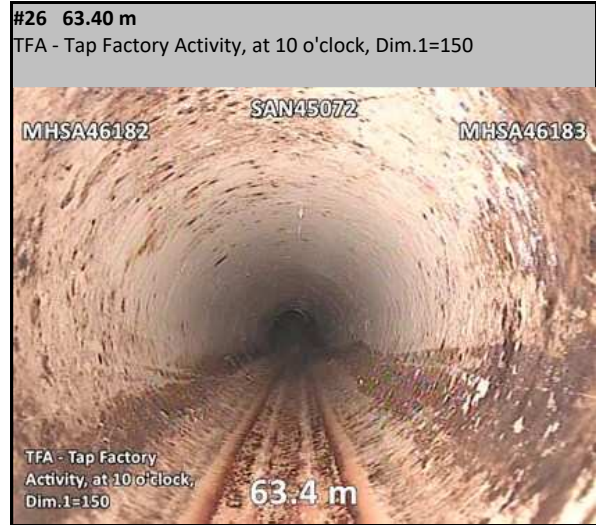
Pipe Pictures



Pipe Pictures



Pipe Pictures



Vision Report © Legend

| | |
|------------------------|--|
| | The numbers sequentially identify each observation. They allow you to find complete descriptions and related photos throughout the pages. Note that when the pipe contains too many observations, the Vision© report hides the least important observations to optimize the display*. |
| 60 | A number with neither a square nor circle indicates a general observation. |
| | A circled number indicates a structural anomaly. The color of the circle indicates the severity of the anomaly on a scale of 1 to 5, 5 being the most severe: green=1, blue=2, magenta=3, orange=4 and red=5. |
| | A number in a square indicates an operation and maintenance anomaly. The color of the square indicates the severity of the anomaly on a scale of 1 to 5, 5 being the most severe: green=1, blue=2, magenta=3, orange=4 and red=5. |
| ◀ 3 / 31 ▶ | Indicates the current page number of the inspection report. |
| | The blue square indicates a section of the pipe; this section is covered in detail on the current page of the report. |
| | The green line indicates the inspected part of the pipe. The remaining white line indicates the uninspected part of the pipe. |
| | Indicates the hold points on the camera during an inspection. |
| | Indicates the hold points on the camera during the reverse inspection. |
| | Indicates that a reverse inspection was carried out, however the camera did not reach the initial inspection hold point. (the hold point of the initial inspection) |
| | Indicates that a reverse inspection was carried out and that it has joined (has arrived at) the initial inspection hold point. |
| 401-059B | Identifies the start manhole number. Note that this manhole is not necessarily the upstream manhole of the pipe. |
| 401-631 | Identifies the end manhole number. Note that this manhole is not necessarily the downstream manhole of the pipe. |
| | A downward arrow indicates that the inspection was carried out in the direction of the current, whereas an upward arrow indicates an inspection against the current. Note that the manhole located on the upper left of the page is always the start manhole, but not necessarily the upstream manhole of the pipe. |
| | This camera followed by a downward arrow is located on the upper left of the vertical pipe; it indicates that an inspection was done from this manhole. |
| | When the second camera appears on the bottom left page it means that a reverse inspection was carried out. Information about the reverse inspection is included in the report, thereby combining both inspections. |
| Invert 3.40 | The measurement shown under the word <Invert> indicates the measurements between the frame and the pipe captured during the inspection. This measurement is available at the top left for the start manhole and the bottom left for the end manhole. If the invert was not measured during the inspection, an <NA> mark will be displayed. |
| | The downward bold arrow to the right of the observation number indicates that this observation was captured during the initial inspection. |
| | The blank arrow pointing upwards and located to the right of the observation number indicates that this observation was taken during the reverse inspection period, thereby confirming that this report combined both inspections. |
| 18.40 m | Located to the right of the observation number is a number identifying the observation distance in relation to the start of the pipe. |
| SRV - Armature visible | A full description of the observation code according to the protocol used. |

*Any hidden observations are readily accessible from the database as well as in other CTSpec report templates.

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