## EXHIBIT XIII.C.17.a.Attachment "B"

## Pipe Cleaning and CCTV Survey Report ALCo Property <br> Schenectady, NY <br> December 2010

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December 28, 2010

Mr. Paul LaFond<br>Deputy Director, Water and Wastewater<br>Department of Engineering and Public Works<br>City of Schenectady, NY<br>105 Jay Street, Room 205<br>Schenectady, NY 12305

## RE: Pipe Cleaning and CCTV Project - ALCo Property

Dear Paul,
Veolia Water North America - Asset Management Group is pleased to submit the results of the stormwater pipe cleaning and CCTV project conducted on the ALCo Property in Schenectady, NY during the month of November 2010.

## Methodology

The sections of stormwater pipe that were focused on were first jetted using a high velocity combination jet/vac unit. The pipes were then CCTV'd using a closed circuit television recording system (CCTV) to identify any structural defects. The Veolia UGAM crews utilized electronic handheld devices to record the work completed via a field data acquisition software program, which would then be uploaded to the InfoNet asset management database program each day. Quality control measures were then executed on the collected data to ensure accuracy and the following report was generated directly from InfoNet, which includes defect photos and summaries.

## Report Layout

The report is divided into two sections. First is the CCTV Survey report information. The second section of the report highlights the defects that were discovered during the CCTV Surveys.

## Summary

In this phase of work, Veolia field crews completed 1,535 linear feet of pipe cleaning and 1,057 linear feet of CCTV Inspections during the month of November 2010.

## Summary of Pipe Cleaning:

| Date | Location | Job Description | Passes |
| :---: | :---: | :---: | :---: |
| November 3, 2010 | ALCo Property | Jetted 500 ft of 18" VCP storm pipe | 4 |
|  |  |  |  |
| November 11, 2010 | ALCo Property | Jetted 110 ft of 10" VCP storm pipe | 4 |
|  |  |  |  |
| November 12, 2010 | ALCo Property | Jetted 300 ft of 20" VCP storm pipe | 4 |
|  |  | Jetted 100 ft of 20" VCP storm pipe | 4 |
|  |  | Jetted 300 ft of 20" VCP storm pipe | 4 |
|  |  | Jetted 225 ft of 20" VCP storm pipe | 4 |

## Summary of CCTV Work:

| Date | Location | Description | Survey Length (ft) |
| :---: | :---: | :---: | :---: |
| November 5, 2010 | ALCo Property | Overflow Gate to Access Drain | 335 |
| November 9, 2010 | ALCo Property | Outfall Mohawk R. to Drain Gate Access | 716 |
| November 12, 2010 | ALCo Property | Drain Manhole in Bldg 320 to Unknown | 6 ft |

## Defects Found

| Defect | Count |
| :--- | :---: |
| Break | 1 |
| Fracture | 3 |
| Crack | 1 |
| Obstacle | 13 |
| Intruding Tap | 17 |
| Infiltration | 6 |
| Missing Brick | 4 |
| Missing Mortar | 2 |

If you have any questions or require additional information, please do not hesitate to contact me at (508) 821-0576. Veolia Water North America UGAM group looks forward to continuing our valued partnership with the City of Schenectady.

Sincerely,

Jonathan Mongie
Director, Asset management
Veolia Water North America - Northeast LLC
CC: Farzin Kiani - VP of Operations, Veolia Water
Andrew Coppola - Project Manager, Veolia Water
Steve Luciano - Property Manager, Galesi Management Corporation

## I. CCTV Survey Report

# CCTV Survey Report 

Network: Schenectady, NY<br>ALCo Property<br>PACP Standard

## Summary of CCTV Survey:

Number of Surveys: 3

Total Length of Surveyed Pipes(ft): 1057.00
Total Length of Survey(ft): 1057.00

| Upstream <br> MH | Downstrea <br> $\mathbf{m}$ MH | Inspection ID | Sewer <br> Use | Height <br> (in) | Total <br> Length <br> (ft) | Survey <br> Length <br> (ft) | Structure <br> Ratings <br> Index | AddItional <br> Info |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVERFLOW <br> GATE MH | ACCESS <br> DRAIN | OVERFLOW <br> GATE <br> MH_ACCESS <br> DRAIN_D_11/5/ <br> 201 | SW | 108.0 | 335.000 | 335.000 | 3.500000 | - |
| DMH IN <br> BLDG 320 | UNKNOWN | UNKNOWN_D <br> MH IN BLDG <br> 320_U_11/12/20 | SW | 18.0 | 6.000 | 6.000 | 4.000000 | - |
| OUTFALL <br> MOHAWK R. | DRAIN <br> GRATE <br> ACCESS | DRAIN GRATE <br> ACCESS_OUTF <br> ALLMOHAWK <br> R._U_1 | SW | 108.0 | 716.000 | 716.000 | 3.670000 | - |

## Survey Report

| Date: <br> 02:52 05 <br> Nov 2010 | Drainage Area: | Weather: <br> 3 (Light <br> Rain) | Operator: NELSON | Job No: <br> 20237 | Inspection ID: <br> OVERFLOW <br> GATE <br> MH_ACCESS <br> DRAIIN_D_11/5/20 <br> 1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Location Code: D |  |  | City: SCHENECTADY,NY |  |  |
| Location Details: |  |  | Road Name: ALCo PROPERTY |  |  |
| Upstream MH: OVERFLOW GATE MH |  | Rim to Grade(U) (ft): - |  | Total Length (ft): 335.000 |  |
| Downstream MH: ACCESSDRAIN |  | Rim to Grade(D) (ft): - |  | Length Surveyed (ft): 335.000 |  |
| Sewer Use: SW | Direction of Survey: D (Downstream) | $\begin{aligned} & \text { Height (in) } \\ & 108.0 \end{aligned}$ | Shape: R | Material: - | Lining Method: - |
| Structure Rating: 14 |  | O\&M Rating: 98 |  | Overall Rating: 112 |  |
| $\begin{array}{\|l\|} \hline \text { Structure Ratings Index: } \\ 3.500000 \\ \hline \end{array}$ |  | O\&M Ratings Index:$2.130000$ |  | Overall Ratings Index: 2.240000 |  |
| Structure Quick Rating:$4232$ |  | O\&M Quick Rating:432G |  | Overall Quick Rating: 4532 |  |
| Comment: - |  |  |  |  |  |


| Actual Duration: - | Actual Cost (\$): - |
| :--- | :--- |
| Estimated Duration: - | Estimated Cost (\$): - |


| Schedule Number: - | Completed: $\quad$ Y |
| :--- | :--- |
| Date/Time Planned: - | Task Status: - |
| Estimated Completion Date: - | Date/Time Started: - |
| Repeat Period: - | Date Completed: - |
| Team Leader: - | Repeat Schedule Number: - |
| Contractor: |  |


| Video | Photo | Distance <br> (ft) | \% | Value <br> 1st Dim | Value <br> 2nd Dim | CD | Clock <br> At | Clock <br> To | Code | Remarks |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 128.0 |  | 0.00 |  |  |  |  |  |  | AMH | . |
| 462.0 |  | 2.00 |  |  |  |  |  |  | MGO | CULVERT <br> STARTS OUT AS <br> RECTANGULAR <br> RCP |
| 128.0 |  | 2.00 | 5 |  |  |  |  |  | MWL |  |
| 128.0 |  | 5.00 |  | 10 |  |  | 8 |  | TB |  |
| 171.0 |  | 8.00 |  |  |  |  | 3 |  | IR |  |
| 287.0 |  | 24.80 |  |  |  |  | 3 |  | FL |  |


| 285.0 |  | 24.80 |  |  |  |  | 2 |  | IR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 350.0 | Picture IOVER FLOW GATE MH_A <br> CCES <br> S <br> DRAIN <br> 03401 <br> 9_051 <br> 12010 <br> A.JP | 31.70 |  | 48 | 48.00 |  |  |  | MSC |  |
| 480.0 |  | 38.00 |  |  |  | S01 | 3 | 9 | IW |  |
| 462.0 |  | 46.00 |  | 4 | 5.00 |  | 10 |  | TBI |  |
| 692.0 |  | 67.60 | 20 |  |  |  |  |  | LL |  |
| 928.0 |  | 104.00 |  |  |  |  |  |  | MGO | ACCESS POINT PLATED OVER |
| 948.0 |  | 106.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 1094.0 | Picture IOVER FLOW GATE MH_A <br> CCES <br> S <br> DRAIN 04044 <br> 0_051 <br> 12010 <br> $\bar{G}^{\text {A.JP }}$ | 133.50 | 5 |  |  |  | 10 | 2 | OBP |  |
| 1235.0 |  | 145.20 |  | 10 |  |  | 4 |  | TB |  |
| 1279.0 | Picture IOVER FLOW GATE MH_A CCES S DRAIN 04092 7_051 12010 | 147.90 | 5 |  |  |  | 10 | 2 | OBP |  |

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|  | $\overline{\mathrm{G}}^{\text {A.JP }}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1427.0 |  | 151.50 |  |  |  | S02 | 11 | 1 | CM |  |
| 1320.0 |  | 151.50 |  | 12 |  |  | 10 |  | TB |  |
| 1521.0 |  | 157.60 |  | 3 | 6.00 |  | 1 |  | TBI |  |
| 1598.0 |  | 176.00 |  | 6 |  |  | 2 |  | TBA |  |
| 1682.0 |  | 181.60 |  | 12 |  |  | 8 |  | TB |  |
| 1794.0 |  | 187.20 |  |  |  |  | 3 | 5 | IR |  |
| 1801.0 |  | 187.20 |  | 8 |  |  | 3 |  | TB |  |
| 1883.0 |  | 193.90 |  |  |  | F01 | 3 | 9 | IW |  |
| 1886.0 |  | 193.90 |  |  |  |  |  |  | MMC | ZZZ, STONE |
| 1903.0 |  | 193.90 |  | 8 |  |  | 3 |  | TB |  |
| 2009.0 |  | 201.80 |  | 8 |  |  | 10 |  | TBA |  |
| 1989.0 |  | 201.80 |  | 12 | 3.00 |  | 8 |  | TBI |  |
| 2058.0 | $\begin{aligned} & \hline \text { Picture } \\ & \text { IOVER } \\ & \text { FLOW } \\ & \text { GATE } \\ & \text { MH-A } \\ & \text { CCES } \\ & \text { S } \\ & \text { DRAIN } \\ & 04275 \\ & 4.051 \\ & 12010 \\ & \text { A.JP } \\ & \hline \end{aligned}$ | 211.50 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2214.0 |  | 218.20 |  |  |  |  |  |  | MGO | DRAIN GRATE BURIED |
| 2359.0 |  | 248.00 |  |  |  |  | 12 |  | MB |  |
| 2375.0 |  | 248.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2481.0 |  | 261.60 |  | 6 |  |  | 2 |  | TBA |  |
| 2760.0 |  | 274.80 |  |  |  |  |  |  | MGO | BURIED DRAIN GRATE |
| 2843.0 |  | 292.40 |  | 10 | 4.00 |  | 8 |  | TBI |  |
| 2920.0 |  | 305.30 |  | 10 |  |  | 10 |  | TBA |  |
| 3009.0 | Picture IOVER FLOW GATE MH_A CCES S <br> DRAIN <br> 04493 <br> 4_051 <br> 12010 <br> $\mathrm{G}_{\mathrm{G}}^{\mathrm{A} . J P}$ | 308.20 |  |  |  |  | 11 | 12 | MB |  |
| 2949.0 |  | 308.20 | 5 |  |  |  | 10 | 2 | OBP |  |

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| 3172.0 |  | 330.00 |  | 15 |  |  | 4 |  | TBA |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3172.0 |  | 330.00 |  | 10 | 6.00 |  | 8 |  | TBI |  |
| 3172.0 |  | 335.00 |  |  |  |  |  |  | AMH | . |

## Defect Photos




## Defect Photos



## Defect Photos



## Survey Report

| Date: <br> 09:51 12 <br> Nov 2010 | Drainage Area: | Weather: 1 (Dry) | Operator: <br> NELSON | Job No: <br> 20237 | Inspection ID: <br> UNKNOWN_DMH <br> IN BLDG <br> 320_ U 11/12/2010 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Location Code: D |  |  | City: <br> SCHENECTADY,NY |  |  |
| Location Details: |  |  | Road Name: ALCo PROP. |  |  |
| $\begin{aligned} & \hline \text { Upstream MH: DMH IN } \\ & \text { BLDG } 320 \\ & \hline \end{aligned}$ |  | Rim to Grade(U) (ft): - |  | Total Length (ft): 6.000 |  |
| Downstream MH: UNKNOWN |  | Rim to Grade(D) (ft): - |  | Length Surveyed (ft): 6.000 |  |
| Sewer Use: SW | Direction of Survey: U (Upstream) | $\begin{aligned} & \text { Height (in): } \\ & 18.0 \end{aligned}$ | Shape: C | Material: VCP (Vitrified Clay Pipe) | Lining Method: - |
| Structure Rating: 4 |  | O\&M Rating: 4 |  | Overall Rating: 8 |  |
| Structure Ratings Index: |  | O\&M Ratings Index:$4.000000$ |  | Overall Ratings Index: 4.000000 |  |
| Structure Quick Rating:$4100$ |  | O\&M Quick Rating:$4100$ |  | Overall Quick Rating:4200 |  |
| Comment: - |  |  |  |  |  |


| Actual Duration: - | Actual Cost (\$): - |
| :--- | :--- |
| Estimated Duration: - | Estimated Cost (\$): - |
|   <br> Schedule Number: - Completed: $\quad$ Y <br> Date/Time Planned: - Task Status: $\quad$ - <br> Estimated Completion Date: - Date/Time Started: - <br> Repeat Period: - Date Completed: - <br> Team Leader: - Repeat Schedule Number: - <br> Contractor:  |  |


| Video | Photo | Distance (fi) | \% | $\begin{array}{\|c\|} \hline \text { Value } \\ \text { 1st Dim } \\ \hline \end{array}$ | $\begin{aligned} & \text { Value } \\ & \text { 2nd Dim } \end{aligned}$ | CD | $\begin{gathered} \text { Clock } \\ \mathrm{At} \end{gathered}$ | Clock To | Code | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.0 |  | 0.00 |  |  |  |  |  |  | AMH |  |
| 76.0 |  | 4.00 |  |  |  |  |  |  | MCU |  |
| 75.0 | $\begin{array}{\|l\|} \hline \text { Picture } \\ \text { lUNKN } \\ \text { OWN } \\ \text { DMH } \\ \text { IN } \\ \text { BLDG } \\ 32010 \\ 0246- \\ 12112 \\ \text { O10_A. } \\ \text { JPG } \\ \hline \end{array}$ | 6.00 |  |  |  |  | 12 | 12 | B |  |
| 77.0 |  | 6.00 |  |  |  |  |  |  | MSA |  |

## Defect Photos



| Date: <br> 02:32 09 <br> Nov 2010 | Drainage Area: | Weather: $1 \text { (Dry) }$ | Operator: NELSON | Job No: <br> 20237 | Inspection ID: DRAIN GRATE ACCESS_OUTFAL L MOHAW̄K R. U_1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Location Code: D |  |  | City: SCHENECTADY,NY |  |  |
| Location Details: |  |  | Road Name: ALCo PROPERTY |  |  |
| Upstream MH: OUTFALL MOHAWK R. |  | Rim to Grade(U) (ft): - |  | Total Length (ft): 716.000 |  |
| Downstream MH: DRAIN GRATE ACCESS |  | Rim to Grade(D) (ft): - |  | Length Surveyed (ft): 716.000 |  |
| Sewer Use: SW | Direction of Survey: U (Upstream) | $\begin{aligned} & \text { Height (in): } \\ & 108.0 \end{aligned}$ | Shape: A | Material: - | Lining Method: - |
| Structure Rating: 22 |  | O\&M Rating: 50 |  | Overall Rating: 72 |  |
| $\begin{array}{\|l\|} \hline \text { Structure Ratings Index: } \\ 3.670000 \\ \hline \end{array}$ |  | $\begin{aligned} & \text { O\&M Ratings Index: } \\ & 2.080000 \end{aligned}$ |  | Overall Ratings Index: 2.400000 |  |
| Structure Quick Rating:$4432$ |  | O\&M Quick Rating:$322 \mathrm{C}$ |  | Overall Quick Rating: 4434 |  |
| Comment: - |  |  |  |  |  |


| Actual Duration: - | Actual Cost (\$): - |
| :--- | :--- |
| Estimated Duration: - | Estimated Cost (\$): - |


| Schedule Number: - | Completed: |
| :--- | :--- |
| Date/Time Planned: - | Task Status: $\quad$ - |
| Estimated Completion Date: - | Date/Time Started: - |
| Repeat Period: - | Date Completed: - |
| Team Leader: - | Repeat Schedule Number: - |
| Contractor: |  |


| Video | Photo | Distance <br> (ft) | \% | Value <br> 1st Dim | Value <br> 2nd Dim | CD | Ciock <br> At | Clock <br> To | Code | Remarks |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 0.0 |  | 0.00 |  |  |  |  |  |  | AMH | . |
| 84.0 |  | 8.00 | 10 |  |  |  |  |  | MWL |  |
| 178.0 |  | 32.10 | 15 |  |  |  |  |  | LL |  |
|  | Picture <br> IDRAI <br> N <br> GRAT <br> E <br> ACCE <br> SS_O <br> UTFAL <br> L <br> MOHA | 47.10 |  |  |  |  |  |  |  |  |

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|  | WK <br> R.0243 <br> 07_09 <br> 11201 <br> O_A.JP <br> G |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


|  |  |  |  |  |  |  |  |  | ACCESS POINT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1632.0 |  | 303.30 |  | 8 | 3.00 | 8 |  | TBI |  |
| 1682.0 |  | 303.40 |  | 6 |  | 12 |  | TB |  |
| 1650.0 |  | 306.20 |  | 8 |  | 12 |  | TB |  |
| 1708.0 |  | 313.90 |  | 6 |  | 9 |  | TB |  |
| 1780.0 |  | 332.30 |  |  |  | 2 |  | MB |  |
| 1778.0 |  | 332.30 |  | 6 |  | 2 |  | TB |  |
| 1837.0 |  | 346.10 |  | 6 |  | 10 |  | TB |  |
| 1869.0 |  | 348.60 |  | 4 |  | 12 |  | TB |  |
| 1870.0 |  | 349.00 |  | 4 |  | 12 |  | TB |  |
| 1872.0 |  | 350.00 |  | 4 |  | 12 |  | TB |  |
| 1903.0 |  | 355.00 |  | 6 |  | 2 |  | TBA |  |
| 1959.0 |  | 369.00 |  | 4 | 6.00 | 12 |  | TBI |  |
| 1994.0 |  | 380.00 |  | 4 | 8.00 | 10 |  | TBI |  |
| 2055.0 |  | 394.30 |  |  |  |  |  | MGO | DRAIN GRATE PAVED OVER |
| 2092.0 |  | 404.50 |  |  |  | 3 | 5 | ID |  |
| 2097.0 |  | 404.60 |  |  |  | 3 | 5 | MMM |  |
| 2155.0 |  | 423.40 |  | 12 |  | 8 |  | TB |  |
| 2192.0 |  | 426.00 |  | 15 |  | 8 |  | TBA |  |
| 2232.0 |  | 435.30 |  | 4 | 5.00 | 12 |  | TBI |  |
| 2234.0 |  | 439.00 |  | 5 | 8.00 | 2 |  | TBI |  |
| 2234.0 |  | 514.00 |  | 4 | 8.00 | 10 |  | TBI |  |
| 2234.0 |  | 568.60 |  | 4 | 6.00 | 10 |  | TBI |  |
| 2234.0 |  | 574.00 |  | 3 | 6.00 | 2 |  | TBI |  |
| 2234.0 |  | 575.00 |  | 4 | 6.00 | 2 |  | TBI |  |
| 2234.0 |  | 579.00 |  |  |  |  |  | MGO | OPENING FOR CHAMBER 9 O' CLOCK |
| 2234.0 |  | 580.00 |  |  |  |  |  | MGO | BURIED DRAIN GATE |
| 2234.0 | Picture <br> IDRAI <br> N <br> GRAT <br> E <br> ACCE <br> SS_O <br> UTFAL <br> L <br> MOHA <br> WK <br> R. 1159 <br> 02_09 <br> 11201 <br> 0 A.jp | 586.00 | 10 |  |  | 10 | 2 | OBP | PIPE PASSING THROUGH |


|  | g |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2234.0 |  | 587.00 |  | 6 |  |  | 10 |  | TB |  |
| 2234.0 |  | 618.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2234.0 |  | 619.00 |  | 15 |  |  | 8 |  | TBA |  |
| 2234.0 |  | 637.00 |  | 8 |  |  | 3 |  | TBA |  |
| 2234.0 |  | 648.00 |  | 8 |  |  | 3 |  | TBA |  |
| 2234.0 |  | 669.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2234.0 |  | 672.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2234.0 |  | 690.00 |  | 4 | 6.00 |  | 2 |  | TBI |  |
| 2234.0 |  | 699.00 |  | 20 |  |  | 2 |  | TB |  |
| 2234.0 |  | 709.00 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2234.0 | 709.00 |  | 8 | 4.00 |  | 1 |  | TBI |  |  |
| 2234.0 |  | 710.60 | 5 |  |  |  | 10 | 2 | OBP |  |
| 2234.0 |  | 716.00 |  |  |  |  |  |  | AMH |  |



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## II. Defect Report: Defect Images

## Segment: Overflow Gate_Access

Drain
Height: 108 in Width: 84 in
Material: RCP
Street: ALCo Property

Defect: Infiltration Runner
Defect Location: 8.0 ft downstream of the Overflow Gate

Defect: Fracture Longitudinal
Defect Location: 24.8 ft downstream of the Overflow Gate


Defect: Infiltration Runner
Defect Location: 24.8 ft downstream of the Overflow Gate

Defect: Infiltration Weeper
Defect Location: 38.0 ft downstream of the Overflow Gate, continuous for 156 ft

Defect: Tap Break-In Intruding
Defect Location: 46.0 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable (5\%) Defect Location: 106.0 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable (5\%) Defect Location: 133.5 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable Defect Location: 147.9 ft downstream of the Overflow Gate


Defect: Crack Multiple
Defect Location: 151.5 ft downstream of the Overflow Gate

Defect: Tap Break-In Intruding
Defect Location: 157.6 ft downstream of the Overflow Gate

Defect: Infiltration Runner
Defect Location: 187.2 ft downstream of the Overflow Gate


Defect: Tap Break-In Intruding
Defect Location: 201.8 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable Defect Location: 211.5 ft downstream of the Overflow Gate


Defect: Missing Brick
Defect Location: 248.0 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable Defect Location: 248.0 ft downstream of the Overflow Gate


Defect: Tap Break-In Intruding
Defect Location: 292.4 ft downstream of the Overflow Gate


Defect: Obstacle External Pipe or Cable Defect Location: 308.2 ft downstream of the Overflow Gate


Defect: Missing Brick
Defect Location: 308.2 ft downstream of the Overflow Gate


Defect: Tap Break-In Intruding
Defect Location: 330.0 ft downstream of the Overflow Gate


Segment: Unknown_DMH in
Building 320
Height: 18 in
Material: VCP
Street: ALCo Property

Defect: Break
Defect Location: 6.0 ft upstream of the DMH in Building 320 (abandoned survey)


Segment: Drain Gate
Access_Outfall Mohawk
Height: 108 in Width: 84 in
Material: RCP
Street: ALCo Property

Defect: Fracture Multiple
Defect Location: 47.1 ft upstream of the Outfall


Defect: Fracture Multiple
Defect Location: 67.0 ft upstream of the Outfall


Defect: Missing Brick
Defect Location: 138.8 ft upstream of the Outfall

Defect: Mortar Missing Large
Defect Location: 158.5 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 187.9 ft upstream of the Outfall


Defect: Infiltration Dripper
Defect Location: 213.7 ft upstream of the Outfall

Defect: Obstacle External Pipe or Cable (5\%) Defect Location: 216.1 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 255.4 ft upstream of the Outfall



Defect: Tap Break-In Intruding
Defect Location: 267.7 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 303.3 ft upstream of the Outfall

Defect: Missing Brick
Defect Location: 332.3 ft upstream of the Outfall


Defect: Tap Break-In Intruding
Defect Location: 369.0 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 380.0 ft upstream of the Outfall

Defect: Infiltration Dripper
Defect Location: 404.5 ft upstream of the Outfall


Defect: Missing Mortar Medium
Defect Location: 404.6 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 435.3 ft upstream of the Outfall

Defect: Tap Break-In Intruding Defect Location: 568.6 ft upstream of the Outfall


Defect: Tap Break-In Intruding
Defect Location: 574 ft upstream of the Outfall

Defect: Tap Break-In Intruding
Defect Location: 575.0 ft upstream of the Outfall

Defect: Obstacle External Pipe or Cable (10\%) Defect Location: 586.0 ft upstream of the Outfall


Defect: Tap Break-In Intruding
Defect Location: 690.0 ft upstream of the Outfall


Defect: Obstacle External Pipe or Cable Defect Location: 709.0 ft upstream of the Outfall


Defect: Tap Break-In Intruding
Defect Location: 709.0 ft upstream of the Outfall


Defect: Obstacle External Pipe or Cable Defect Location: 710.6 ft upstream of the Outfall


