

Project Project Name Description Start Date

LB LITTLE PADDOCKS WAY LG15 DDP

17/10/2016





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Scoring Summary

Project Name : LB LITTLE PADDOCKS WAY LG15 DDP Project Number :

Date : 17/10/2016

Structural Defects

| Section | Pipe Ref | Grade | Description |
|---------|----------|-------|--------------------------------------|
| 2 | CP01X | 3 | Fracture, longitudinal at 01 o'clock |

Grade 3: Best practice suggests consideration should be given to repairs in the medium term. Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse. Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure

Service / Operational Defects

| Section | Pipe Ref | Grade | Description |
|---------|----------|-------|--------------------------------------------------------------------------------------|
| 1 | CP02X | 4 | Settled deposits, fine, 20% cross-sectional area loss, Finish |
| 2 | CP01X | 4 | Multiple defects |
| 3 | CP03X | 4 | Settled deposits, fine, 30% cross-sectional area loss |
| 3 | CP03X | | Other obstacles, other from 12 o'clock to 12 o'clock, 100% cross-sectional area loss |

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potentia blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Abandoned Surveys

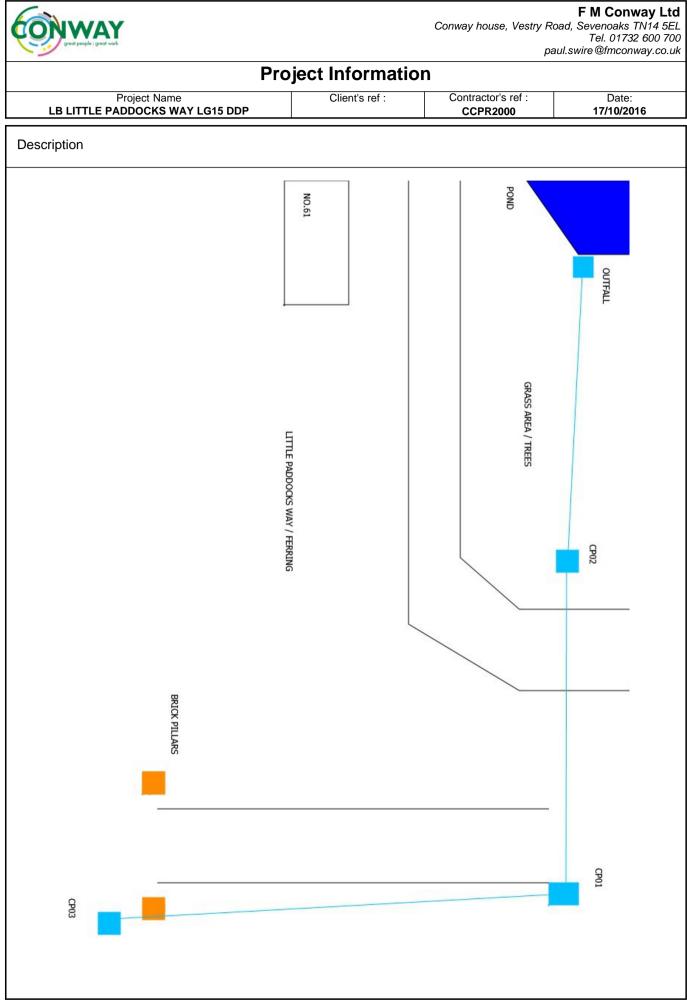
| Section | Pipe Ref | Description |
|---------|----------|------------------|
| 1 | CP02X | Survey abandoned |
| 2 | CP01X | Survey abandoned |
| 2 | CP01X | Survey abandoned |
| 3 | CP03X | Survey abandoned |
| 3 | CP03X | Survey abandoned |

Information

These summaries are based on the SRM grading from the WRC.

| | | | | F M Conway Ltd oad, Sevenoaks TN14 5EL Tel. 01732 600 700 aul.swire@fmconway.co.uk |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| | Pro | oject Informatio | on | |
| Project I LB LITTLE PADDOCH | Name (S WAY LG15 DDP | Client's ref : | Contractor's ref : CCPR2000 | Date: 17/10/2016 |
| Description | | | | |
| <u>Client</u> | | | | |
| Company: Contact: Department: | LANDBUIL | D LTD | | |
| Street: City: Phone: Fax: Mobile: E-Mail: | 17 LONDO PULBORO | | | |
| Site Company: Contact: Department: Street: City: Phone: Fax: Mobile: E-Mail: | LANDBUIL AL PURVIS LITTLE PA FERRING | 6 | | |
| Contractor Company: Contact: Department: Street: City: Phone: Fax: Mobile: E-Mail: | Sevenoaks 01732 600 07919 4930 | Division ouse, Vestry Road 5 TN14 5EL 700 | | |

| F M Conway Conway house, Vestry Road, Sevenoaks TN1 Tel. 01732 60 paul.swire@fmconway | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------|--|--|--|--|
| Pro | ject Informatio | n | | | | | |
| Project Name LB LITTLE PADDOCKS WAY LG15 DDP | Client's ref : | Contractor's ref : CCPR2000 | Date: 17/10/2016 | | | | |
| Description | | | | | | | |
| | Memo | | | | | | |
| Engineers Report | | | | | | | |
| Unable to complete the full survey due up of silt in the lines. Also the lines ma CP02 and outfall. Access to the site wi road so the residents will need to be in to CP01 outside Oak Lodge has Two b | y need root cutting Il tight for a combo formed of times if t | due to the trees ar lorry, This will com the cleaning is to go | ound the area of pletely close the | | | | |
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Project Name LB LITTLE PADDOCKS WAY LG15 DDP

ONWAY

17/10/2016



ACCESS TO CP01 2.70MTRS WIDE



CP01 CHAMBER



CP01 COVER OUTSIDE OAK LODGE



CP01



CP02 CHAMBER



CP02 CONCRETE SLABS





Project Name LB LITTLE PADDOCKS WAY LG15 DDP

ONWAY

17/10/2016



CP03



FILTER HOLES FOR OUTFALL CHAMBER



FOOTPATH TO CP01



IMG_2325



IMG_2326



IMG_2327



Project Name LB LITTLE PADDOCKS WAY LG15 DDP

ONWAY

17/10/2016



IMG_2330



IMG_2331



IMG_2331



IMG_2337



OUTFALL CHAMBER THROUGH TREES



OUTFALL CHAMBER



Project Name LB LITTLE PADDOCKS WAY LG15 DDP

YAWNO

17/10/2016



POND



TOP OF OUTFALL CHAMBER



Project Name LB LITTLE PADDOCKS WAY LG15 DDP

Project Number:

Date: 17/10/2016

Total: 0 = 0.00 Expected length (0.00 Inspected length)





Section Summary

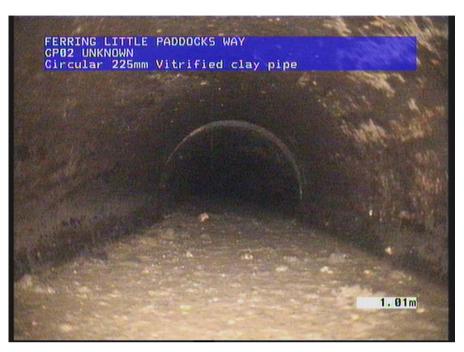
| Project Name LB LITTLE PADDOCKS WAY LG15 DDP | Project Number: | Date: 18/1/-4713 | | | | | | | |
|----------------------------------------------|-----------------|---------------------|--|--|--|--|--|--|--|
| | | | | | | | | | |
| Number of sections | 3 | | | | | | | | |
| Total length of sewer network | 16 | 4.01 m | | | | | | | |
| Inspected length of sewer network | 7.2 | l2 m | | | | | | | |
| Not inspected length of sewer network | 15 | 6.89 m | | | | | | | |
| Total abandoned inspections | 5 | | | | | | | | |
| Number of section inspection photos | 5 | | | | | | | | |
| Number of section inspection videos | 5 | | | | | | | | |
| Number of section inspection scans | 0 | | | | | | | | |
| Number of section inclination measurements | 0 | | | | | | | | |



| | | | Inspectio | on Report | | | | |
|------------------------------------------------------|------------------------|----------------------------------------------|-----------------------------------------------------|---------------------------------------------------|--------------------------------------------------|---------------|--------------|-------------------------|
| Section Number 1 Operator : D.Pinder | 1 | Date : 7/10/2016 Vehicle : .G15 BYD | Client's Ref : Camera : PAN & TILT | Weather : No rain or snow Preset : 0.50 | Cleane | d : | СР Туре о | R : 02X f Drain : |
| Place: Road: | FERRING | | Direction: C | 0.50 P02 -> OUTFALL Z | US MH: US Depth: | CP02 1.55 | Gravity d | rain/sewer |
| Location: Surface Cover: Use: | Other ped Surface w | estrian area | Total Length Pipe Length: | 1.01 1.00 Pipe Shape: | DS MH: DS Depth: Circular | OUTF# 0.00 | ALL | |
| Year Laid: Purpose: Lining: Comment: | 1900 | | ine asset condition | Width / Height Flow Control: Pipe Material: | 225 / 0 No flow control Vitrified clay pip | e | | |
| Recommendation: | | | Observation | | | MDEC | Dhata | Grada |
| 1:50 Depth: 1.55 CP02 | Position n | n Code | Observation | | | MPEG | Photo | Grade |
| | 0.00 | СР | Start node type, catch | pit, reference numbe | er: CP02 | 00:00:00 | | 0 |
| | 0.00 | WL | Water level, 0% of the | | | 00:00:00 | | 0 |
| OUTFALL | 0.50 | S01 DES | Settled deposits, fine, Settled deposits, fine, | | | 00:00:06 | | 0 |
| | 1.01 | SA | Survey abandoned / S | | | 00:00:57 | | 0 |
| Depth: 0.00 | <u> </u> | | | | | | | · |
| | | | | | | | | |
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| | | | | | | | | |
| | R peak S | STR mean ST 0.0 | R totalSTR grade0.01.0 | | R peak SER me 5.0 5.0 | | R total | SER grade 4.0 |



| | | | | padiletine Chilectina) teeta |
|------------------|--------------------|------------------|----------------|------------------------------|
| | Section Pictu | res - 17/10/2016 | - CP02X | |
| Section Number : | Survey Direction : | PLR : | Client's Ref : | Contractor's Ref : |
| 1 | CP02 -> OUTFALL | CP02X | | CCPR2000 |



CP02X_0d71d605-ea92-44b4-82a8-0491365f6f5e_20161017_103648_700.jpg, 00:00:53, 1.01m Settled deposits, fine, 20% cross-sectional area loss, Finish



| Sector Number: Date: Client's Ref.: Weathor : Operator: CPUS Operator: Vehicle: Carriera: Preset: Ocerator: CPOX Diffeder LG'S SVD PAN & TLT 0.50 CPOX CPOX Place: FERRING Direction: CPO2 CPO1 US MH: CPO1 Control: UTTLE PADDOCKS WAY Catchment: Z US Depth: 1.30 SMTace Cover: US Depth: 1.30 Surface Cover: Surface Cover: Surface cover: Pipe Length: 1.00 DS MH: CPO2 Verificitie: Surface Cover: Surface Cover: Pipe Length: 1.00 DS MH: CPO2 Verificitie: Sample survey to determine asset condition Pipe Surpe: Surface Cover: Verificitie: Concrete segments Comment: Recommendation: Cove Control: NPE6 Photo Grade 1:30 O O CP Start node type, catchpit, reference number: CPO2 00:00:00 0 0:00 Soft DES | | | | Inspectio | on Report | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------|--------------|----------------------------|---------------------------------|------------------------------|--------------|-------|------------------|
| D. Pinder LG15 BYD PAN & TILT 0.50 no Gravity drain/seve Place: FERNINO Direction: CP02 C CP01 US MH1: CP02 CP01 US Depth: 1.30 Location: Other pedestrian area Total Langth 68.00 DS Nept: 1.30 DS Depth: 1.30 Use: Surface water Pipe Length: 1.00 DS Depth: 1.50 Image: Use: Surface water Pipe Shape: Square Vidith / Height 225 / 225 Fernometal Use: Comment: Control: Not flow Control: Not flow Control: Control: Fernometal Comment: Recommendation: 1.574 Petition m Code Observation MPEG Photo Grade 1.574 Petition m Code Observation MPEG Photo Grade 0.00 CP Start node type, catchpit, reference number: CP02 00:00:00 0 0 0.50 S01 DES Setited deposits, fine, 20% c | 2 | : | 17/10/2016 | | No rain or snow | v Z | | CP | 01X |
| Read: LITLE PADDOCKS WAY Other pedestrian area Catchment: Z US US Destrict 3.0 Location: Other pedestrian area Total Length 68.00 DS MH: C 2PO2 DS Deptr: 1.30 Use: Surface Ocver: Surface swater Pipe Length: 1.00 DS Deptr: 1.30 Purpose: Sample survey to determine asset condition Pipe Material: Concrete segments Concrete segments Comment: Recommendation: Total target Velter Velter 0.00 0 Comment: Concrete segments Concrete segments Concrete segments Comment: Start node type, catchpit, reference number: CP2 0:00:00 0 CP2 0.00 WL Water level, 0% of the ventical dimension 0:00:00:00 0 129 DES Settled deposits, fine, 20% cross-sectional area loss, Finish | | | | | | | d : | | |
| Year Lati: 1900 With / Height 225 / 225 Purposa: Sample survey to determine asset condition Pipe Material: Control: Comment: Recomment/attoin: Control: Control: Recomment/attoin: 0.00 CP Start node type, catchpit, reference number: CP02 0.00.00.00 0 0.00 CP Start node type, catchpit, reference number: CP02 0.00.00.00 0 0.00 CP Start node type, catchpit, reference number: CP02 0.00.00.00 0 0.00 WL Water level, 0% of the vertical dimension 00:00:30 0 0.00 MES Settled deposits, fine, 20% cross-sectional area loss, Start 00:00:33 4 1.29 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SILT 00:00:33 0 0 CPri End of pipe 0 0 0 CPri End of pipe 0 0 0 CPri STR peak STR med STR grade SER no. def SER total SER total SER total SER total | Road: Location: | LITTLE | PADDOCKS WAY | Catchment: Total Length | Z 68.00 | US Depth: DS MH: | 1.30 CP02 | | |
| Depth: 1.50 CP02 0.00 CP Start node type, catchpit, reference number: CP02 00:00:00 0 0.00 WL Water level, 0% of the vertical dimension 00:00:00 0 0.050 S01 DES Settled deposits, fine, 20% cross-sectional area loss, Start 00:00:00 0 1.29 F01 DES Settled deposits, fine, 20% cross-sectional area loss, Finish 00:00:30 4 1.29 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SiLT 00:00:38 0 0 Or Or Or Or 0 0 F01 DES End of pipe 0 CP01 DET: 1.30 STR mean STR total STR grade SER no. def SER mean SER total | Year Laid: Purpose: Lining: Comment: | 1900 | | ine asset condition | Width / Height Flow Control: | 225 / 225 No flow control | ents | | |
| CP02 0.00 CP Start node type, catchpit, reference number: CP02 00:00:00 0 0.00 WL Water level, 0% of the vertical dimension 00:00:00 0 0.50 S01 DES Settled deposits, fine, 20% cross-sectional area loss, Start 00:00:00 0 1.29 F01 DES Settled deposits, fine, 20% cross-sectional area loss 00:00:30 4 1.29 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SiLT 00:00:38 0 68.00 End of pipe 0 0 0 CP01 Dets StR no def StR peak StR mean StR total StR grade | 1:574 | Position | m Code | Observation | | | MPEG | Photo | Grade |
| 0.00 WL Water level, 0% of the vertical dimension 00:00:00 0 0.50 S01 DES Settled deposits, fine, 20% cross-sectional area loss, Start 00:00:10 0 1.29 F01 DES Settled deposits, fine, 20% cross-sectional area loss, Finish 00:00:30 4 1.29 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SILT 00:00:38 0 68.00 End of pipe 0 0 0 CP01 Deth: 1.30 STR total STR grade SER no. def SER mean SER total SER grade | - | 0.00 | CP | Start node type, catch | nit reference numb | ar: CP02 | 00.00.00 | | 0 |
| 129 F01 DES Settled deposits, fine, 20% cross-sectional area loss, Finish 00:00:30 4 129 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SILT 00:00:38 0 1.30 SA Survey abandoned / SILT 00:00:38 0 0 68.00 End of pipe 0 CP01 Deft: 1.30 STR no def STR peak STR mean STR total STR grade SER no def SER mean SER total SER grade | | | | | | 51. 01 02 | | | |
| 129 DES Settled deposits, fine, 60% cross-sectional area loss 00:00:33 4 1.30 SA Survey abandoned / SILT 00:00:38 0 0 68.00 End of pipe 0 CP01 Depth: 1.30 End of pipe 0 | | 0.50 | S01 DES | Settled deposits, fine, | 20% cross-sectiona | l area loss, Start | 00:00:10 | | 0 |
| 1.30 SA Survey abandoned / SILT 00:00:38 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | \backslash | | | | | | | 4 |
| End of pipe 0 CP01 Depth: 1.30 STR no def STR peak STR mean STR total STR grade SER no def SER peak SER mean SER total SER grade | | \backslash | | | | l area loss | | | |
| CP01 Depth: 1.30 STR no def STR peak STR mean STR total STR grade SER no def SER peak SER mean SER total SER grade | | | | | SIL | | 00:00:38 | | |
| | | 68.00 | | End of pipe | | | | | 0 |
| | | | | | | | | | SER grade 4.0 |



| | | | | | Inspecti | on Repo | rt | | | | |
|------------------------|----------|---------|-----------------------|------------|-----------------------|----------------------|--------------|----------------|----------|---------|---------------------------|
| Section Nu 2 | mber : | | Date : 17/10/2016 | С | ient's Ref : | Weathe No rain or | | Critial Drain | n/Sewer: | | 'LR : P01X |
| Operate D.Pind | | | Vehicle : LG15 BYD | | Camera : AN & TILT | Prese 0.50 | t : | Cleane no | | Туре | of Drain : drain/sewer |
| Place: | F | ERRIN | | Directi | | CP01 🔶 CP0 | | US MH: | CP01 | | |
| Road: | L | ITTLE I | PADDOCKS W | | | Z | | US Depth: | 1.30 | | |
| Location: | C | ther pe | destrian area | Total L | ength | 68.00 | | DS MH: | CP02 | | |
| Surface Cove | er: | | | Pipe L | ength: | 1.00 | | DS Depth: | 1.50 | | |
| Use: | | urface | water | | | Pipe Shape: | - | lare | | | |
| Year Laid: | | 900 | | | | Width / Heigh | | / 225 | | | |
| Purpose: | S | ample | survey to dete | ermine ass | et condition | Flow Control: | | flow control | | | |
| Lining: | | | | | | Pipe Material | : Coi | ncrete segm | ents | | |
| Comment: Recommenda | ation: R | EQUIR | ES CLEANING | 3 | | | | | | | |
| 1:57 | 74 P | osition | m Co | de Obse | ervation | | | | MPEG | Photo | Grade |
| Depth CP01 | | | | | | | | | | | |
| | | -2.21 | CI | P Start i | node type, cat | chpit, reference | number: C | P01 | 00:00:00 | | 0 |
| H | | -2.21 | W | L Water | level, 0% of t | he vertical dimer | nsion | | 00:00:00 | | 0 |
| | | 0.50 | S01 DE | S Settle | d deposits, fin | e, 15% cross-se | ctional are | a loss, Start | 00:00:09 | | 0 |
| | | 3.76 | F01 DE | S Settle | d deposits, fin | e, 15% cross-se | ctional are | a loss, Finish | 00:00:55 | | 3 |
| | | 3.76 | DE | R Settle | d deposits, co | arse, 20% cross | -sectional a | area loss | 00:00:56 | | 4 |
| | | 4.31 | Fl | - Fractu | ire, longitudina | al at 01 o'clock | | | 00:01:07 | | 3 |
| | ١ | 4.31 | SA | A Surve | y abandoned / | DEBRIS | | | 00:01:17 | | 0 |
| | | | | | | | | | | | |
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| |) | 68.00 | | End o | f pipe | | | | | | 0 |
| | | | | | | | | | | | |
| CP02 | | | | | | | | | | | |
| Depth | : 1.50 | | | | | | | | | | |
| STR no def | STR p | peak | STR mean | STR total | STR grade | e SER no def | SER pe | ak SER m | ean SE | R total | SER grade |
| | 40. | | 0.6 | 0.6 | 3.0 | 2 | 5.0 | | | 7.0 | 4.0 |



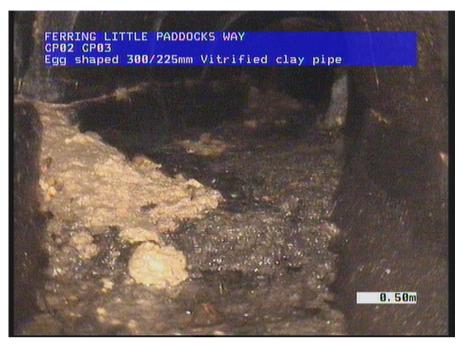
| great people : great work | | | Conway house, Vestry R | F M Conway load, Sevenoaks TN1 Tel. 01732 60 aul.swire @fmconway |
|---------------------------|---------------------------------------------------------|-------------------------|--------------------------|----------------------------------------------------------------------------------|
| | Section Pictu | res - 17/10/201 | | |
| Section Number : 2 | Survey Direction : CP01 → CP02 | PLR : CP01X | Client's Ref : | Contractor's R CCPR2000 |
| | FERRING LITTLE PADD GP01 CP02 | DOCKS WAY | | |
| | Square 225mm Concre | te segments | | |
| | / | | | |
| | | | | |
| | | | | |
| | | | and the | |
| | 10 10 19 | 7970 | 3.76m | |
| | And Ant | | | |
| 3.76 | 1X_25d24d22-e1f7-4d31-b483-7 m | | 14233_007.jpg, 00:00:56, | |
| Settl | ed deposits, coarse, 20% cross- | sectional area loss | | |
| 2 | 1100000 | | 1. N. S. S. | |
| | FERRING LITTLE PADD CP01 CP02 Square 225mm Concre | | | |
| | | | ~ | |
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| | | | | |
| | | | | |
| | | | 4. 31m | |
| CP0 4.31 | 1X_44847968-2ad8-411f-bb9f-1; | 3bfcc569dfd_20161017_11 | 14258_902.jpg, 00:01:07, | |
| | ture, longitudinal at 01 o'clock | | | |
| | | | | |
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| ~~~ | | | Inspectio | on Report | | | | | |
|-------------------------------------------------------------|------------------|----------------|----------------------------|---------------------|----------------|----------------|--------------|------------|------------|
| Section Number | | Date : | Client's Ref : | Weather : | | itial Drain/Se | wer: | | _R : |
| 3 17/10/2016 Operator : Vehicle : | | Camera : | No rain or sno Preset : | bw | Z Cleaned : | | Туре с | of Drain : | |
| D.Pinder | | G15 BYD | PAN & TILT | 0.50 | | no | | Gravity d | rain/sewer |
| Place: | FERRING | | | CP02 🗲 CP03 | | MH: | CP03 | | |
| Road: Location: | | DDOCKS WAY | Catchment: Total Length | Z 95.00 | | Depth: MH: | 1.50 CP02 | | |
| Surface Cover: | other peut | | Pipe Length: | 1.00 | | Depth: | 1.30 | | |
| Use: | Surface wa | ater | | Pipe Shape: | Egg sh | | | | |
| Year Laid: | 1900 | | | Width / Height | 300 / 22 | | | | |
| Purpose: | Sample su | rvey to determ | ine asset condition | Flow Control: | | / control | | | |
| _ining: Comment: | | | | Pipe Material: | vitrified | d clay pipe | | | |
| Recommendation: | REQUIRES | 6 CLEANING | | | | | | | |
| 1:802 | Position m | Code | Observation | | | Γ | MPEG | Photo | Grade |
| Depth: 1.30 CP02 |) 0.00 | СР | Start node type, catcl | npit, reference num | ber: CP02 | 00 | 0:00:00 | | 0 |
| | 0.00 | WL | Water level, 0% of the | | | | 0:00:00 | | 0 |
| | 0.50 | DES | Settled deposits, fine, | , 30% cross-sectior | nal area los | ss 00 | 0:00:07 | | 4 |
| | 0.50 | SA | Survey abandoned / I | DEBRIS SILT | | 00 | 0:00:16 | | 0 |
| | 95.00 | | End of pipe | | | | | | 0 |
| CP03 Depth: 1.50 |) | | | | | | | | |
| STR no def ST | R peak S | TR mean ST | R total STR grade | SER no def S | ER peak | SER mean | | | SER grade |
| | 0.0 | 0.0 | 0.0 1.0 | 1 | 5.0 | 10.0 | | 5.0 | 4.0 |



| Section Number : | Survey Direction : | PLR : | Client's Ref : | Contractor's Ref : |
|------------------|---------------------------|-------|----------------|--------------------|
| 3 | CP02 🗲 CP03 | CP03X | | CCPR2000 |
| 3 | CP02 < CP03 | | | CCH |



CP03X_f6453f28-60fd-4640-8a96-e31e7be0577e_20161017_113346_084.jpg, 00:00:07, 0.50m Settled deposits, fine, 30% cross-sectional area loss



| | | Inspectio | on Report | | | | |
|-----------------------------------------------|---------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|------------------------------|----------------------------------------|----------------|
| Section Number : 3 | 17/10/2016 | Client's Ref : | Weather : No rain or snow | Critial Drain/Sewer: Z Cleaned : | | CP03X | |
| Operator : D.Pinder | Operator : Vehicle : D.Pinder LG15 BYD | | Camera : Preset : PAN & TILT 0.50 | | 1: | Type of Drain : Gravity drain/sewer | |
| Road: | FERRING LITTLE PADDOCKS WAY Other pedestrian area | | P03 → CP02 Z 95.00 1.00 | US MH: US Depth: DS MH: DS Depth: | CP03 1.50 CP02 1.30 | | |
| Year Laid: Purpose: Lining: Comment: | Surface water 1900 Sample survey to determ | ine asset condition | Width / Height30Flow Control:No | gg shaped 0 / 225 o flow control trified clay pipe |) | | |
| Recommendation: 1:802 | Position m Code | Observation | | | MPEG | Photo | Grade |
| Depth: 1.50 CP03 | 0.00 CP | Start node type, catch | pit, reference number: (| CP03 | 00:00:00 | | 0 |
| | 0.00 WL | Water level, 50% of th | e vertical dimension | | 00:00:00 | | 0 |
| | <u>0.00</u> OBZ | Other obstacles, other cross-sectional area lo | from 12 o'clock to 12 o | 'clock, 100% | 00:00:13 | | 5 |
| | <u>0.00</u> SA | Survey abandoned / C | DBSTRUCTION / DEBR | IS BUILD UP | 00:00:16 | | 0 |
| | | | | | | | |
| CP02 Depth: 1.30 | 95.00 | End of pipe | | | | | 0 |
| | R peak STR mean ST 0.0 0.0 | IR total STR grade 0.0 1.0 | SER no def SER po | | | R total S | ER grad 5.0 |



0. 00m

CP03X_84484d99-e6fa-4085-b8ef-851152bdbdb1_20161017_115627_512.jpg, 00:00:13, 0.00m Other obstacles, other from 12 o'clock to 12 o'clock, 100% cross-sectional area loss



Notes

Thank you for choosing to use FM Conway Ltd to carry out your drainage investigation works.

The results and views carried in this report are those of the engineer(s) appointed to carry out the investigation and are considered relevant on the day of the survey. Drain and sewer performance is known to alter over time, so liability cannot be accepted for differences between the recorded data and the actual data at a time after this report was generated.

This survey has been created in accordance with the Manual of Sewer Condition Classification (4th Ed, WRc, 2004), the Sewer Rehabilitation Manual (WRc) and BS EN13508:2.

This web based report will be valid for 30 days after publication to the web. During this time you are able to view/download the details of your report as many times as you wish. If after this time you wish to re-view or download your report there may be a nominal charge for re-uploading the data to the web site.

If a DVD and hard copy report is required to be sent in the post there will be a charge for this. Please contact us for further info on this. The price for hard copy and media reports is dependent on the size and type of media required to transfer your report, this will be quoted to you on request.

If a DVD has been supplied with this report, please note that it can only be used in a Windows based PC. Please browse the DVD and navigate to the docs folder to find project-based documents such as drawings, engineer's site notes and survey specifications amongst others.

CCTV subsidence investigations do not account for the water tightness of the pipes and are merely a visual inspection of inside of the drains. CCTV drainage engineers are generally not qualified to comment on the causes of subsidence, and can only suggest required remedial actions for the pipes, and not the affected buildings.

Subsidence is a building structural failure, which can occur for many reasons. Although drainage failures can contribute to subsidence problems, other causes should always be investigated as part of a considered approach. In order to eliminate drains from suspicion, FM Conway Ltd suggests that all pipes within at least 10m of the subsidence area be pressure tested over and above a CCTV inspection, and remedial suggestions considered based on the findings.

Unless otherwise specified in an associated task order (or similar), the data gathered in this report may not be suitable for use as a pre-lining investigation. FM Conway are happy to carry out such surveys, but this must be agreed prior to the commencement of the works, and a the client must specify the data they wish to capture and the acceptable tolerances.

Where GPS coordinates and heights have been issued within this report, they are to 1m accuracy, and 2m accuracy for heights. Greater accuracy can be provided on request.