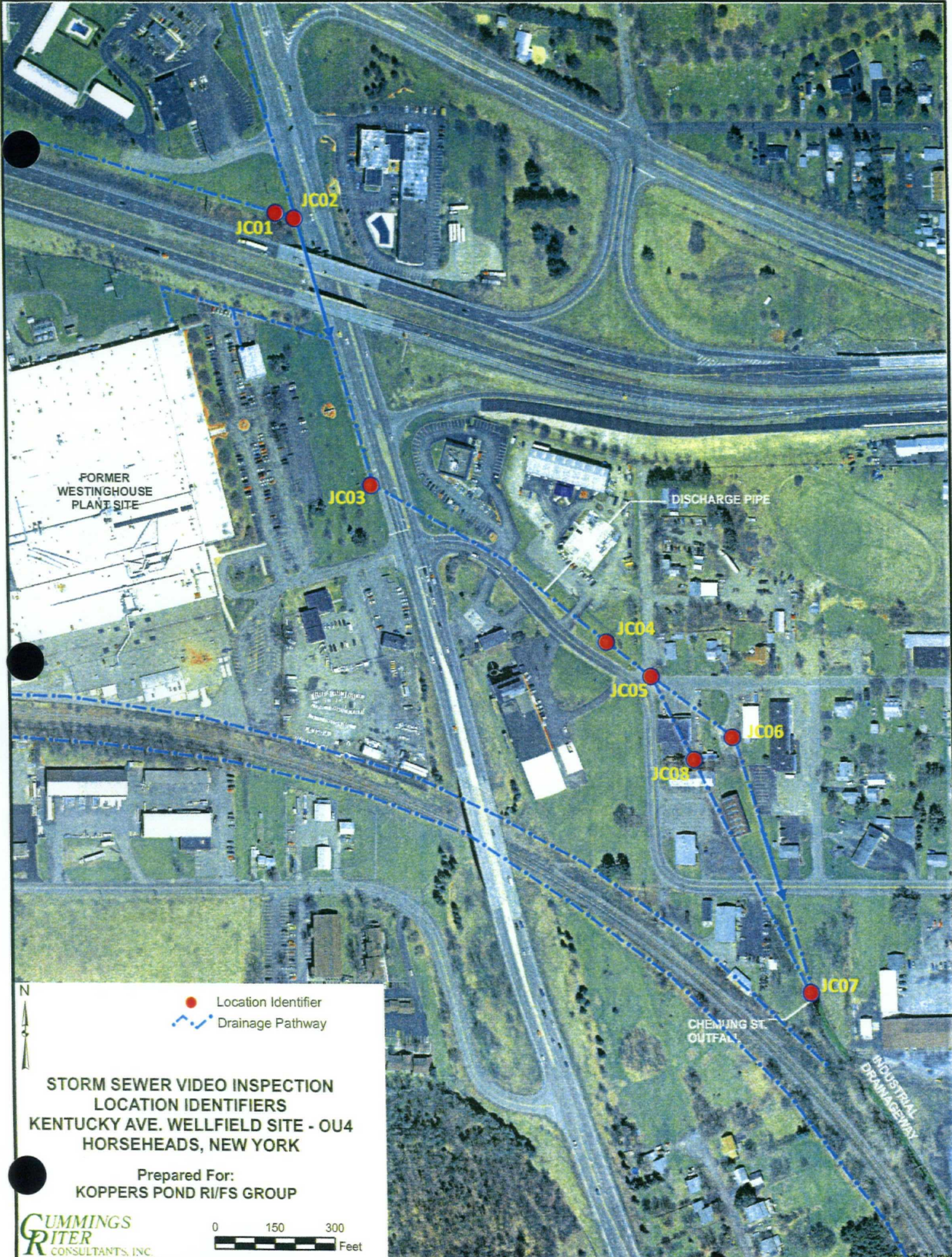


**APPENDIX A**

**VIDEO INSPECTION REPORT AND DVD**



FORMER WESTINGHOUSE PLANT SITE

DISCHARGE PIPE

CHENJING ST. OUTFALL

INDUSTRIAL DRAINAGEWAY

● Location Identifier  
 --- Drainage Pathway

**STORM SEWER VIDEO INSPECTION  
 LOCATION IDENTIFIERS  
 KENTUCKY AVE. WELLFIELD SITE - OU4  
 HORSEHEADS, NEW YORK**

Prepared For:  
 KOPPERS POND RI/FS GROUP





## PROJ INFO

PROJ NAME: Koppers Pond	PROJECT NUM:	RESPONSIBLE:	DATE: 06/17/2008
----------------------------	--------------	--------------	---------------------

**CLIENT** **Leo Brausch**  
**RESPONSIBLE:**  
**DEPARTMENT:**  
**PO BOX:**  
**STREET:**  
**CITY, ST ZIP:**  
**TELEPHONE:**  
**FAX:**  
**MOBILE:**  
**E-MAIL:**

**PROJ MGR**  
**RESPONSIBLE:**  
**DEPARTMENT:**  
**PO BOX:**  
**STREET:**  
**CITY, ST ZIP:**  
**TELEPHONE:**  
**FAX:**  
**MOBILE:**  
**E-MAIL:**

<b>CONTRACTOR</b>	<b>NATIONAL VACUUM CORPORATION</b>
<b>RESPONSIBLE:</b>	<b>Jon Monagan</b>
<b>DEPARTMENT:</b>	<b>NATIONAL VACUUM CORPORATION</b>
<b>PO BOX:</b>	
<b>STREET:</b>	<b>860 Maple Street #200</b>
<b>CITY, ST ZIP:</b>	<b>ROCHESTER, NEW YORK</b>
<b>TELEPHONE:</b>	<b>(585) 235-0330</b>
<b>FAX:</b>	<b>(585) 464-0438</b>
<b>MOBILE:</b>	
<b>E-MAIL:</b>	<b>JMONAGAN@NATIONALVACUUM.COM</b>



## RATING LEGEND

PROJ NAME:  
Koppers Pond

PROJECT NUM:

RESPONSIBLE:

DATE:  
06/17/2008

**1:** Occurances without damage: for example, laterals, joints etc.

**NO DEFECTS WERE DETECTED.**

**2:** Constructional deficiencies or occurances with insignificant influence to tightness, hydraulic or static pressure of pipe: f.e. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc.

**REHABILITATION CAN BE SCHEDULED LONG-TERM.**

**3:** Constructional deficiencies diminishing static, hydraulic and tightness: f.e. open joints, untorched intakes, cracks, minor drainage obstructions such as calcide build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc.

**REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.**

**4:** Constructional damages with nonsufficient static safety, hydraulic or tightness: f.e. axial/radial pipebursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc.

**REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.**

**5:** Pipe is already or will shortly be impermeable: f.e. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc.

**REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.**



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 ROCHESTER, NEW YORK  
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# INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 1	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH: JC01
CITY: Horseheads, NY	MAP #2:	MH: JC02
LOCALE: street area	TAPE #: 01	TVD LGTH: 18.1 ft

INSPECT REASON: new inspection	PIPE SIZE: 56"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:50	POSITION	CODE	OBSERVATION	RATE
	JC01			
	2.00	0	inspection begins at upstream manhole JC01	0
	JC02			
	18.10	0	inspection ends at downstream manhole JC02	0



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# INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 2	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 160

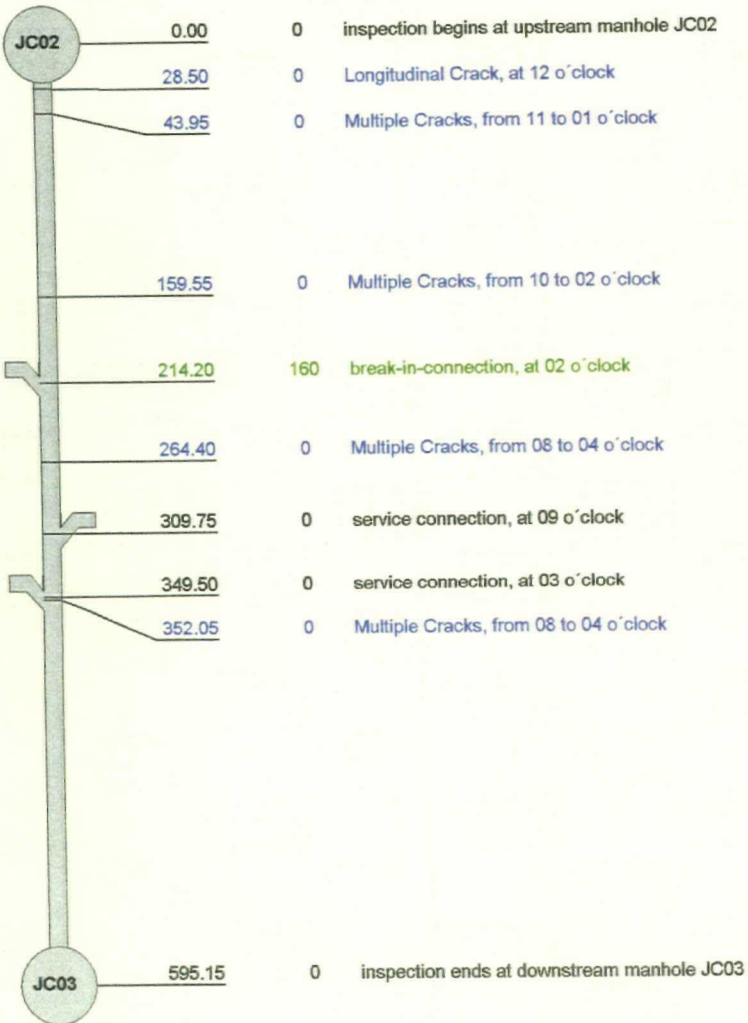
STREET:	MAP #1:	MH: JC02
CITY: Horseheads, NY	MAP #2:	MH: JC03
LOCALE: street area	TAPE #: 01	TV'D LGTH: 595.15 ft

INSPECT REASON: new inspection	PIPE SIZE: 56"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:1475 POSITION CODE OBSERVATION

RATE



28.5 FT // 00:00:00



43.95 FT // 00:00:00



214.2 FT // 00:00:00



264.4 FT // 00:00:00



309.75 FT // 00:00:00



### INSPECTION IMAGES

CITY: Horseheads, NY	STREET:	DATE: 06/17/2008	SECTION NR: 2	SECTION NAME:
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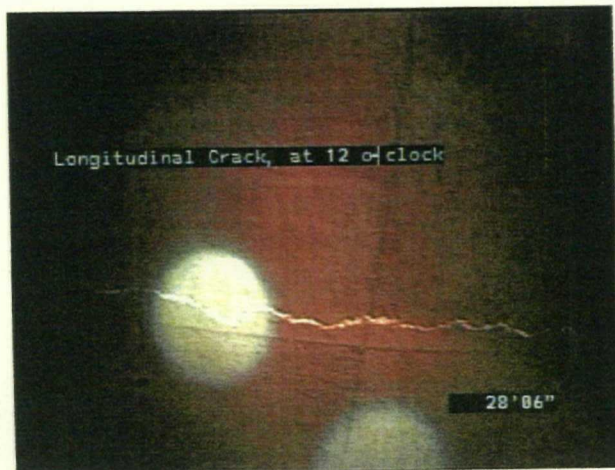


IMAGE: 3a, TAPE #: 01, 00:00:00  
28.5FT, Longitudinal Crack, at 12 o'clock

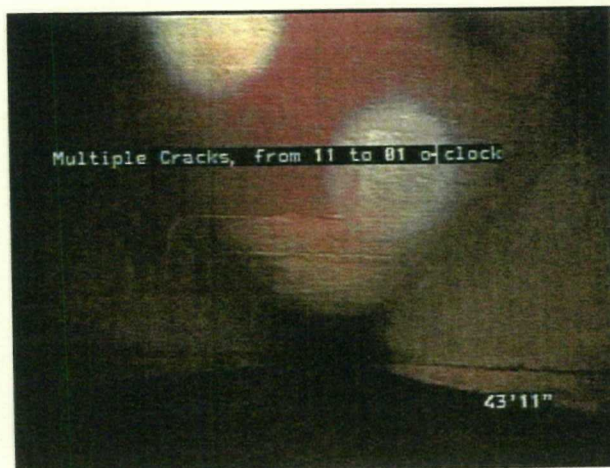


IMAGE: 4a, TAPE #: 01, 00:00:00  
43.95FT, Multiple Cracks, from 11 to 01 o'clock



IMAGE: 6a, TAPE #: 01, 00:00:00  
214.2FT, break-in-connection, at 02 o'clock



IMAGE: 7a, TAPE #: 01, 00:00:00  
264.4FT, Multiple Cracks, from 08 to 04 o'clock



### INSPECTION IMAGES

CITY: Horseheads, NY	STREET:	DATE: 06/17/2008	SECTION NR: 2	SECTION NAME:
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IMAGE: 8a, TAPE #: 01, 00:00:00  
309.75FT, service connection, at 09 o'clock

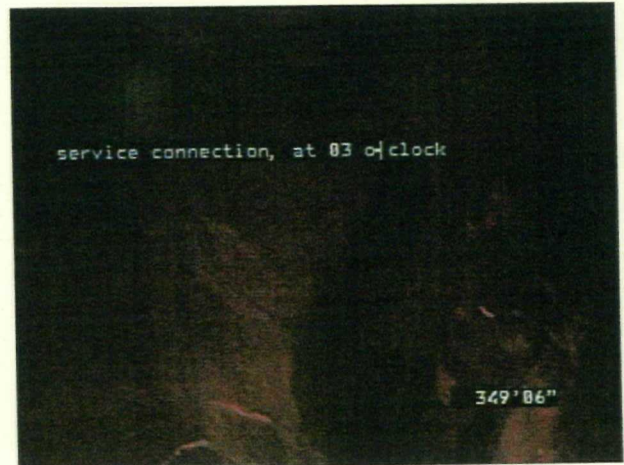


IMAGE: 9a, TAPE #: 01, 00:00:00  
349.5FT, service connection, at 03 o'clock

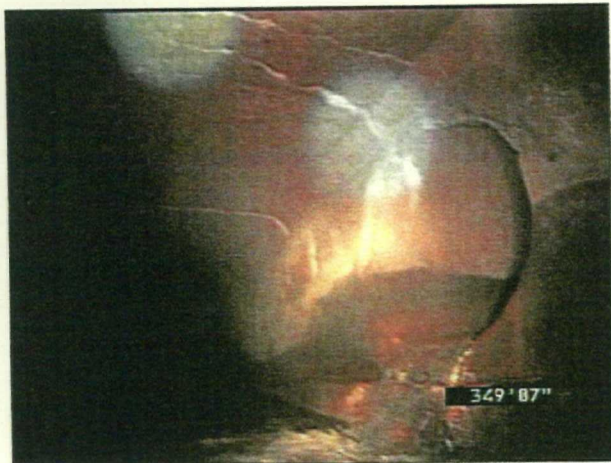


IMAGE: 9b, TAPE #: 01, 00:00:00  
349.5FT, service connection, at 03 o'clock





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## INSPECTION REPORT

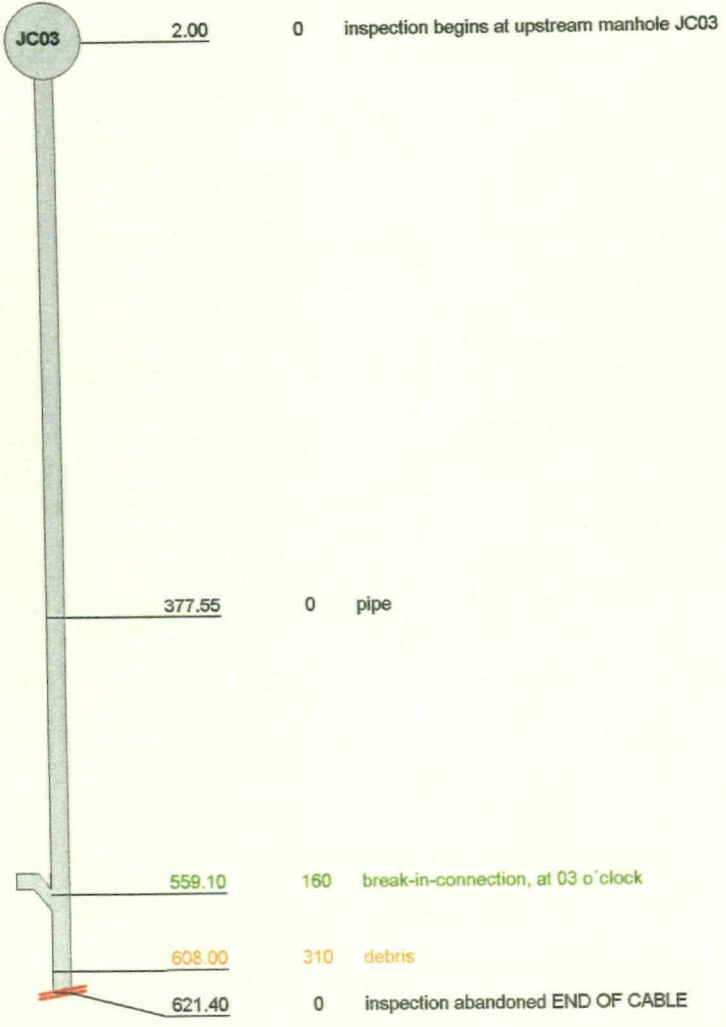
DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 3	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 470

STREET:	MAP #1:	MH:	JC03
CITY: Horseheads, NY	MAP #2:	MH:	JC04
LOCALE: street area	TAPE #: 01	TVD LGTH:	621.4 ft

INSPECT REASON: new inspection	PIPE SIZE: 56"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:1525    POSITION    CODE    OBSERVATION    RATE



0  
0  
0  
1  
3  
0



### INSPECTION IMAGES

CITY: Horseheads, NY	STREET:	DATE: 06/17/2008	SECTION NR: 3	SECTION NAME:
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IMAGE: 14a, TAPE #: 01, 00:00:00  
377.55FT, pipe



IMAGE: 14b, TAPE #: 01, 00:00:00  
377.55FT, pipe



IMAGE: 15a, TAPE #: 01, 00:00:00  
559.1FT, break-in-connection, at 03 o'clock



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# INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 4	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH:	JC04
CITY: Horseheads, NY	MAP #2:	MH:	JC03
LOCALE: street area	TAPE #: 01	TV'D LGTH:	127.8 ft

INSPECT REASON: new inspection	PIPE SIZE: 72"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:325	POSITION	CODE	OBSERVATION	RATE
	JC04 — 0.00	0	inspection begins at downstream manhole JC04	0
	JC03 — 127.80	0	inspection ends at downstream POINT	0



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## INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 5	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH: JC04
CITY: Horseheads, NY	MAP #2:	MH: JC05
LOCALE: street area	TAPE #: 01	TVD LGTH: 95.95 ft

INSPECT REASON: new inspection	PIPE SIZE: 72"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	RSRVD:

REMARK:

1:250	POSITION	CODE	OBSERVATION	RATE
	0.00	0	inspection begins at upstream manhole JC04	0
	95.95	0	inspection ends at downstream manhole JC05	0



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# INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 6	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH:	JC06
CITY: Horseheads, NY	MAP #2:	MH:	JC05
LOCALE: street area	TAPE #: 01	TV'D LGTH:	258.2 ft

INSPECT REASON: new inspection	PIPE SIZE: 72"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:650	POSITION	CODE	OBSERVATION	RATE
	JC06 — 0.00	0	inspection begins at downstream manhole JC06	0
	JC05 — 258.20	0	inspection ends at upstream manhole JC05	0



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# INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 7	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH: JC06
CITY: Horseheads, NY	MAP #2:	MH: JC07
LOCALE: street area	TAPE #: 01	TV'D LGTH: 439.1 ft

INSPECT REASON: new inspection	PIPE SIZE: 72"
SECTION TYPE: storm water	MATERIAL: concrete JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:1075	POSITION	CODE	OBSERVATION	RATE
	JC06 — 0.00	0	inspection begins at upstream manhole JC06	0
	439.10	0	inspection abandoned SEDIMENT TOO THICK	0



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# INSPECTION REPORT

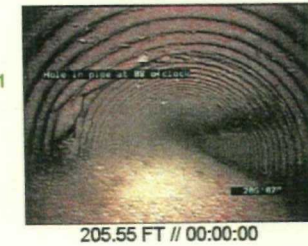
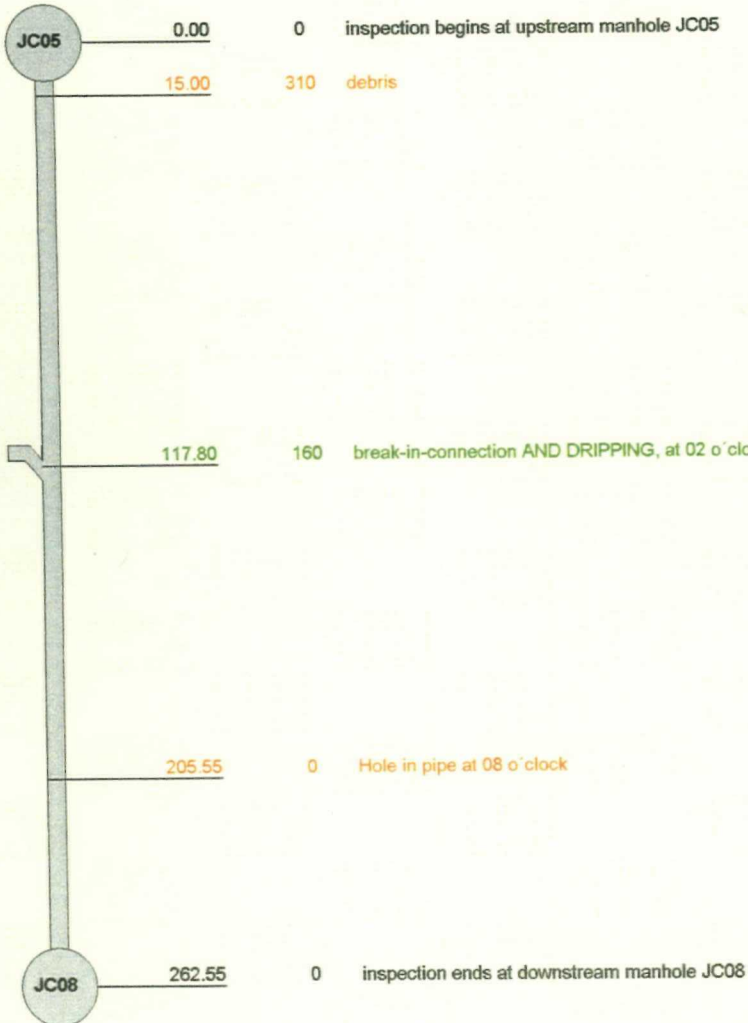
DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 8	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 470

STREET:	MAP #1:	MH:	JC05
CITY: Horseheads, NY	MAP #2:	MH:	JC08
LOCALE: street area	TAPE #: 01	TVD LGTH:	262.55 ft
INSPECT REASON: new inspection	PIPE SIZE: 36	MATERIAL: CORRUGATED JT	LGTH:
SECTION TYPE: storm water	LINING:	RSRVD:	
AREA:			

REMARK:

1:650 POSITION CODE OBSERVATION

RATE





### INSPECTION IMAGES

CITY: Horseheads, NY	STREET:	DATE: 06/17/2008	SECTION NR: 8	SECTION NAME:
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IMAGE: 27a, TAPE #: 01, 00:00:00  
15FT, debris

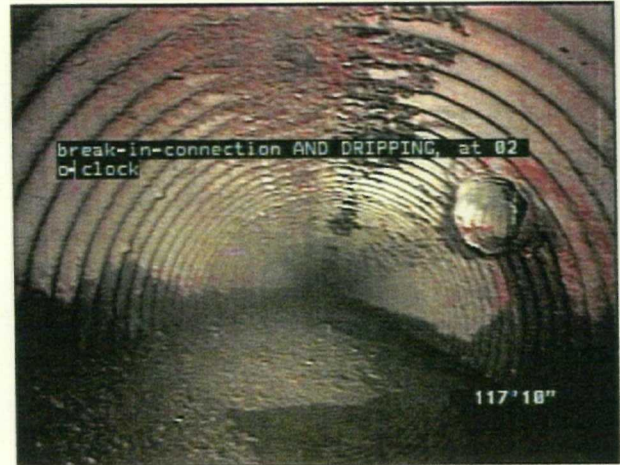


IMAGE: 28a, TAPE #: 01, 00:00:00  
117.8FT, break-in-connection AND DRIPPING, at 02 o'clock

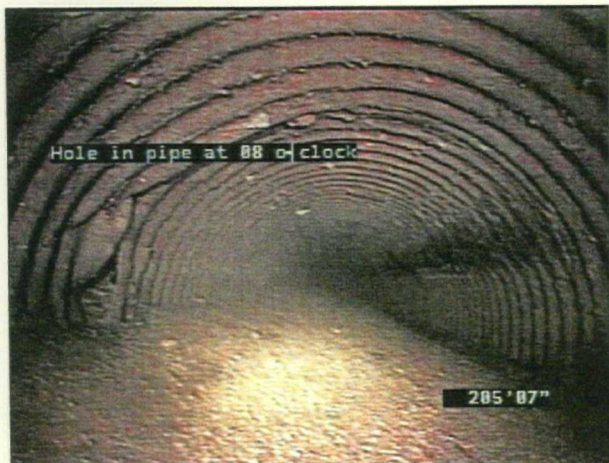


IMAGE: 29a, TAPE #: 01, 00:00:00  
205.55FT, Hole in pipe at 08 o'clock





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## INSPECTION REPORT

DATE: 06/17/2008	WORK #:	WEATHER:	OPERATOR: JMONAGAN	SECTION NR: 9	SECTION NAME:
PRESENT:	VEHICLE: ROVER 900	CAMERA: PAN AND TILT	PRESET:	CLEANED:	RATE: 0

STREET:	MAP #1:	MH: JC08
CITY: Horseheads, NY	MAP #2:	MH: JC09
LOCALE: street area	TAPE #: 01	TV'D LGTH: 157 ft

INSPECT REASON: new inspection	PIPE SIZE: 36
SECTION TYPE: storm water	MATERIAL: CORRUGATED JT LGTH:
AREA:	LINING:
	RSRVD:

REMARK:

1:400	POSITION	CODE	OBSERVATION	RATE
	JC08 — 0.00	0	inspection begins at upstream manhole JC08	0
	157.00	0	camera blocked, inspection abandoned	0



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### INSPECTION IMAGES

CITY: Horseheads, NY	STREET:	DATE: 06/17/2008	SECTION NR: 9	SECTION NAME:
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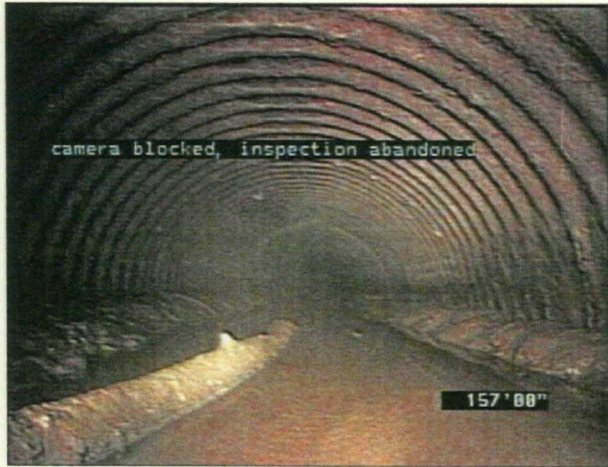


IMAGE: 32a, TAPE #: 01, 00:00:00  
157FT, camera blocked, inspection abandoned

# ELECTRONIC RECORD TARGET SHEET

<b>SITE NAME:</b>	<b>KENTUCKY AVENUE WELLFIELD</b>
-------------------	----------------------------------

<b>CERCLIS ID:</b>	<b>NYD980650667</b>
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<b>SDMS DOC ID:</b>	<b>351675</b>
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<b>ALT. MEDIA TYPE:</b>	<b>VIDEO</b>
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<b>DOCUMENT FORMAT:</b>	<b>MN.DAT, MN.IFO, RM.DAT, RM.IFO</b>
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<b>NATIVE FORMAT LOCATION/FILENAME:</b>	<b>VIDEO_MN.DAT, VIDEO_MN.IFO, VIDEO_RM.DAT, VIDEO_RM.INFO</b>
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<b>COMMENTS:</b>	<b>THE VIDEOS HAVE BEEN ATTACHED TO THIS PDF</b>
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# ELECTRONIC RECORD TARGET SHEET

<b>SITE NAME:</b>	<b>KENTUCKY AVENUE WELLFIELD</b>
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<b>CERCLIS ID:</b>	<b>NYD980650667</b>
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<b>SDMS DOC ID:</b>	<b>351675</b>
---------------------	---------------

<b>ALT. MEDIA TYPE:</b>	<b>VIDEO</b>
-------------------------	--------------

<b>DOCUMENT FORMAT:</b>	<b>TS.BUP, TS.IFO, TS.VOB, IFO, VOB</b>
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<b>NATIVE FORMAT LOCATION/FILENAME:</b>	<b>VIDEO_TS.BUP, VIDEO_TS.IFO, VIDEO_TS.VOB, VTS_01_0.IFO</b>
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<b>COMMENTS:</b>	<b>THE VIDEOS HAVE BEEN ATTACHED TO THIS PDF</b>
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