

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: ED REHO
 Project Name: F.P. IT
 Project Job #: _____
 Testing Crew: L.C.S.
 B&N Field Rep: RRH
 Others Present: _____

Street Address: 403 EAST
 Arrive Time: 8:00
 Depart Time: 12:16
 Testing Date: 10/3/16
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: _____ Dry _____ Rain _____ Rain in last 24hr _____

Property Type: ☒ Residential ☐ Commercial ☐ Industrial

Soil Moisture: ☐ Dry ☒ Moist ☐ Very Moist

Weather: ☒ Dry ☐ Rain ☐ Cloudy

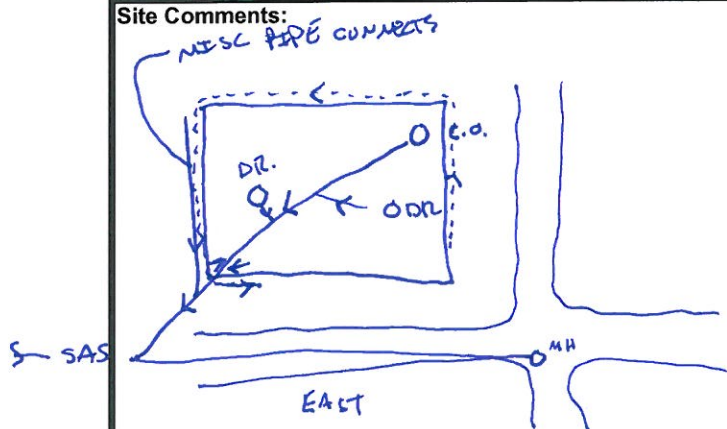
Time of Testing: _____ Min _____ (GREEN)

Dye Observed at Connection: _____ Min _____ (RED)

LATERAL TEST 11:45 - 12:00 OVER DEPRESSURED YARD.

Water used (Gal):

Sump Pump Y/N:	Downspout Contributing (Y/N)	1	2	3	4	5	Total
<u>NO</u>							
Sump Pump Discharge Point:							
Discharge During Test Y/N:							
Est Flow to Sanitary							
Area Drain To San (Y/N):							
Basement Wall to FD							
Basement Slab to FD							
Foundation Drain to San							
Lateral Material Change							
Lateral Line Pipe Infiltration							
Sum I/I Observed in Lateral							
Estimated I/I at Connection:							

Site Comments:

- + FLOOR DRAINS CONNECTED AS SHOULD BE
- + 2-MINERAL DEPOSITS @ JOINTS.
- + INTRODUCED GREEN DYE, AFTER 5 MIN WATER WAS IN LATERAL. (SOUTH WALL)
- + INTRODUCED RED DYE AGAINST HOUSE ON NORTH WALL. CONFIRMED FOOTER DRAIN TIE INTO LATERAL. (20-MIN)
- + NO HITS ON I/I OVER AREA OF LATERAL.

+ NUMEROUS INTRODUCTORY TAPS IN MAIN LINE. MAIN LINE IN GOOD CONDITION.

+ DOWN SPOUTS ALL SPLASH..

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: T. LAWSON
 Project Name: FPI-I
 Project Job #: _____
 Testing Crew: L.C.S.
 B&N Field Rep: R.R.H.
 Others Present: _____

Street Address: 517 FIFTH ST.
 Arrive Time: 12:15
 Depart Time: 3:15
 Testing Date: OCT 3, 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: Dry ☒ Rain ☐ Rain in last 24hr _____

Property Type: Residential ☒ ☐

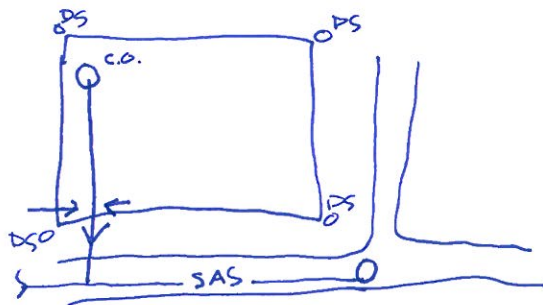
Soil Moisture: Moist ☒ ☐

Weather: Dry ☒ ☐

Time of Testing: 1:50 Min 2:04 RED DYE PRESENT FROM SW CRACK
 Dye Observed at Connection: _____ Min INTO FOOTER DRAIN.
LATERAL 2:15 - 2:45 - NO I-I.

Water used (Gal):

Sump Pump Y/N:	<u>NO</u>	Downspout Contributing (Y/N)					
Sump Pump Discharge Point:	<u>Curb</u> ☐		1	2	3	4	5
Discharge During Test Y/N:		A(sf)	0	0	0	0	0
Est Flow to Sanitary		GPM	0	0	0	0	0
Area Drain To San (Y/N):		Area (SF)	Flow	GPM			
Basement Wall to FD		GPM					
Basement Slab to FD		GPM					
Foundation Drain to San		GPM					
Lateral Material Change		GPM	From CCTV Report				
Lateral Line Pipe Infiltration		GPM	From CCTV Report				
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below				
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations				

Site Comments:

+ PUSH CAM SHOWS TEE CONN. 12'
FROM C.O. IN BASEMENT.

+ HEAVY ROOTS IN LATERAL. (20' FROM MAIN)

+ UNABLE TO COMPLETE LATERAL. HARD
DEPOSITS AND ROOTS. (10'-CAP OF MASSIVE PIPE)

+ TEST ALL D.S. AND ALL SAS ARE
PIPED AND RUN TO SIDEWALK.

+ DOWNSPOUT DISCHARGES NEAR LATERAL LOCATION (POSSIBLE I-I SOURCE)

+ 75'-U.S. MAINLINE GUSHED I-I.

+ 144'-BROKEN CONW. SEPC VISIBLE.

+ RESIDENT SAYS MH OPEN, HAS 3'
OF WATER PURCH. STORM.

+ CONFIRM RED DYE THROUGH S.W. CRACK
INTO FOOTER DRAIN AND INTO SAN. LATERAL.

+ NO DYE THROUGH I-I OVER LATERAL.

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: D. MIRTH
 Project Name: F.P. I-I
 Project Job #: _____
 Testing Crew: L.C.S
 B&N Field Rep: R.R.H
 Others Present: _____

Street Address: 600 THIRD
 Arrive Time: 8:00
 Depart Time: 11:00
 Testing Date: OCT 4 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: ☒ Dry ☐ Rain Rain in last 24hr _____

Property Type: ☒ Residential ☐ Commercial

Soil Moisture ☐ Dry ☒ Moist

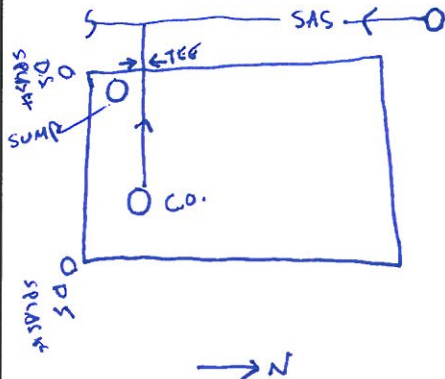
Weather: ☒ Dry ☐ Rain

Time of Testing: 9:15-9:25 Min HOLE IN VOID IN SW CORNER OF S.W. (I-I PRESENT)
 Dye Observed at Connection: _____ Min

OVER LATERAL 9:45-10:30 NO ADDITIONAL I-I.

Water used (Gal):

Sump Pump Y/N:	YES	Corb <u>PLANTER</u> ▼		Downspout Contributing (Y/N)								
Sump Pump Discharge Point:					1	2	3	4	5	Total		
Discharge During Test Y/N:			A(sf)	0	0	0	0	0	0	0		
Est Flow to Sanitary		GPM	GPM	0	0	0	0	0	0	0		
Area Drain To San (Y/N):		Area (SF)	Flow	GPM								
Basement Wall to FD		GPM	FD= Floor Drain that is connected to Sanitary A(sf) = Roof area in square feet to Downspout									
Basement Slab to FD		GPM										
Foundation Drain to San		GPM										
Lateral Material Change		GPM	From CCTV Report									
Lateral Line Pipe Infiltration		GPM	From CCTV Report									
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below									
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations									

Site Comments:

+ 5' UP LATERAL, DEPOSITS ON INVERT 50% UNABLE TO PASS W/ LATERAL LAUNCHER. (MINERALS? W/ SLIGHT OFFSET JOINT)

+ 11' - TEE CONNECTION 3:00-9:00

+ 28' CONNECTION @ 12:00 IN YARD.

+ AFTER 7-MIN OF TESTING, GREEN DYE CONFIRMED IN LATERAL THROUGH FOOTER DRAIN.

+ GREEN DYE ALSO IN SUMP.

+ WATER GOING FROM S.W. DOWN FOUNDATION THROUGH CRACKS IN FLOOR INTO FLOOR DRAIN AND

INTO SANITARY LATERAL.

+ 17' FROM MH 6099 - LARGE HOLE S.V. (GRADE 5)
 + 73' TO LATERAL FROM MH.

+ I-I THROUGH JOINTS IN LAT.

+ LATERAL IN GOOD SHAPE STRUCTURALLY WISE.

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: P. LAUSTIN
 Project Name: FPI-I
 Project Job #: _____
 Testing Crew: L.C.S.
 B&N Field Rep: RRH
 Others Present: _____

Street Address: 532 NEW 4TH
 Arrive Time: 11:30
 Depart Time: _____
 Testing Date: OCT 4, 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: ☒ Dry

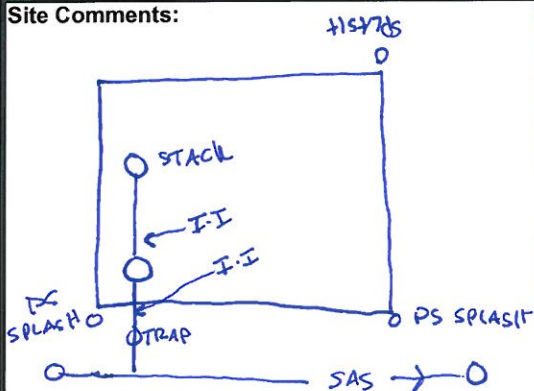
Rain

☒ Rain in last 24hrProperty Type: ☒ Residential

Soil Moisture

☒ MoistWeather: ☒ DryTime of Testing: 12:30 - 12:42 Min GREEN DYE LEAKING THROUGH JOINT - HEAVY.Dye Observed at Connection: _____
12:45 - 12:54**Water used (Gal):**

Sump Pump Y/N:	NO	Curb ☒		Downspout Contributing (Y/N)							
Sump Pump Discharge Point:					1	2	3	4	5	Total	
Discharge During Test Y/N:			A(sf)	0	0	0	0	0	0	0	
Est Flow to Sanitary		GPM	GPM	0	0	0	0	0	0	0	
Area Drain To San (Y/N):		Area (SF)	Flow	GPM							
Basement Wall to FD		GPM	FD= Floor Drain that is connected to Sanitary								
Basement Slab to FD		GPM									
Foundation Drain to San		GPM	A(sf) = Roof area in square feet to Downspout								
Lateral Material Change		GPM	From CCTV Report								
Lateral Line Pipe Infiltration		GPM	From CCTV Report								
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below								
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations								

Site Comments:

+ 16' - BROKEN PIPE @ CROWN IN LATERAL (FROM MAIN)
 + 20' - TRAP IN YARD. WILL REVERSE FROM HSE.
 + 27' FROM HSE CO., SMALL MINERAL DEPOSITS. @ TWO JOINTS.
 + 39' FROM HSE CO., REACHED OVERLAP.
 + NO TEE CONNECTION OBSERVED IN LATERAL.
 + GREEN DYE IN LATERAL AFTER 9-MINS OF FOUNDATION TESTING. PORTION IN FROM SEP. JOINT LOCATED UNDER SLAB. MEDIUM HEAVY FLOW.

+ MAIN LOOKED GOOD @ 153' TO LATERAL FROM INTERSECTION.

+ RED DYE @ 4' AT JOINT. I-I (NOT DIRECT INFLOW)
 + HEAVY I-I @ TWO JOINTS

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: C. RIBOLZI
 Project Name: F.R.I.P.
 Project Job #: _____
 Testing Crew: L.C.S.
 B&N Field Rep: R.R.H.
 Others Present: _____

Street Address: 501 NEW 4TH
 Arrive Time: 8:00 - 11:30
 Depart Time: _____
 Testing Date: OCT 5 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: ☒ Dry

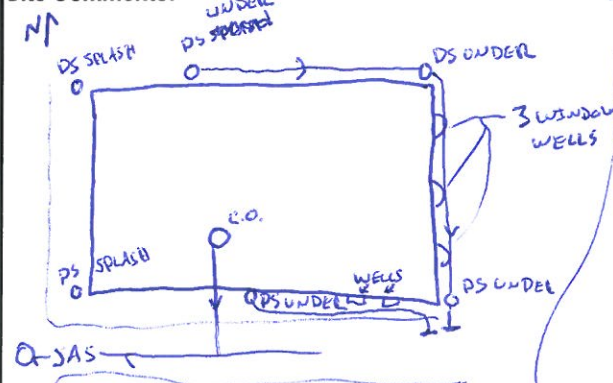
Rain

Rain in last 24hr NOProperty Type: Residential ☐Soil Moisture: Moist ☐Weather: Dry ☒DRY ALMOST MOIST

Time of Testing: 9:40 - 10:50 Min
 Dye Observed at Connection: _____ Min

Water used (Gal):

Sump Pump Y/N:	NO	Curb		Downspout Contributing (Y/N)						
Sump Pump Discharge Point:					1	2	3	4	5	Total
Discharge During Test Y/N:			A(sf)	0	0	0	0	0	0	
Est Flow to Sanitary		GPM	GPM	0	0	0	0	0	0	
Area Drain To San (Y/N):		Area (SF)	Flow	GPM						
Basement Wall to FD		GPM	FD= Floor Drain that is connected to Sanitary							
Basement Slab to FD		GPM								
Foundation Drain to San		GPM	A(sf) = Roof area in square feet to Downspout							
Lateral Material Change		GPM	From CCTV Report							
Lateral Line Pipe Infiltration		GPM	From CCTV Report							
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below							
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations							

Site Comments:

- + ALL UNDERGROUND DS. DISCHARGE TO TWO PIPES IN CORNER OF YARD TO GROUND.
- + I-I @ JOINT @ 68' (FLOODING RIGHT FRONT WINDOW WELL)
- + AFTER 50 MINS, RED DYE IN LATERAL.
- + ENTERED GREEN DYE AND CONFIRMED FOUNDATION DRAINS LOOKED TO BE TIED IN
- + RESIDENT STATED THAT DS. WERE WORKING ON FEW YEARS AGO BEFORE SHE MOVED IN, APPEARS THEY WERE DISCONNECTED FROM SAN LAT.

+ LATERAL @ 82'.

+ LATERAL HAS MULTIPLE CONNECTIONS (2 BREAK IN CONNECTIONS.)

DUE TO BASEMENT FLOODING ISSUES.

+ PROBBED AROUND FOUNDATION LOOKING FOR OLD SIS PIPE TIEING IN. NONE FOUND.

+ TESTED SMALL SINK HOLE IN TREE CAWN, NO DYE VISIBLE.

* POSSIBLE WM BREAK.
HEAVY I.I IN MAIN



BURGESS & NIPLE

Dye Testing Form

Resident Name: J HITES
 Project Name: FD II
 Project Job #: _____
 Testing Crew: LCS
 B&N Field Rep: RRH
 Others Present: _____

Street Address: 513 THIRD
 Arrive Time: 12:30
 Depart Time: _____
 Testing Date: OCT 5 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: Dry Rain NO Rain in last 24hr _____

Property Type: Residential ☒

Soil Moisture: Moist ☐

Weather: Dry ☒

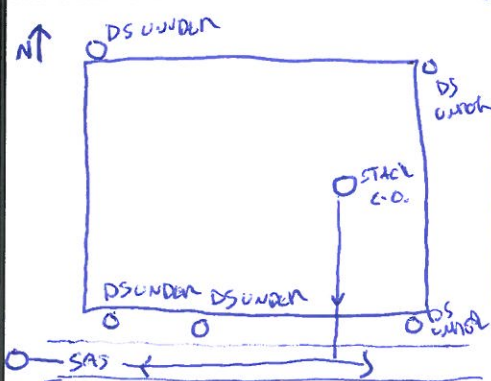
DR TO MEST.

Time of Testing: 1:20 - 2:10 Min RED DYE IN SUMP FROM FOOTER AND TO CURB.
 Dye Observed at Connection: 2:00 - 2:40 Min STUCK HOLE IN YARD.

Water used (Gal):

Sump Pump Y/N: <u>YES</u>	☒	Downspout Contributing (Y/N)					
Sump Pump Discharge Point:	☒		1	2	3	4	5
Discharge During Test Y/N:	☒	A(sf)	0	0	0	0	0
Est Flow to Sanitary	GPM	GPM	0	0	0	0	0
Area Drain To San (Y/N):	Area (SF)	Flow	GPM				
Basement Wall to FD	GPM	FD = Floor Drain that is connected to Sanitary A(sf) = Roof area in square feet to Downspout					
Basement Slab to FD	GPM						
Foundation Drain to San	GPM						
Lateral Material Change	GPM	From CCTV Report					
Lateral Line Pipe Infiltration	GPM	From CCTV Report					
Sum I/I Observed in Lateral	GPM	Sum from lateral CCTV log below					
Estimated I/I at Connection:	GPM	View from Main Line. Compare with individual I/I Observations					

Site Comments:



+10.4 - SEP JOINT IN LATERAL, SOFT VISIBLE.
 +4.6 - MINERAL & JOINT LSE
 +7.1 - 12:00 CONN, CAPPED (WAS C.O.)
 +7.9 - "
 +8.5 - 3:00 @ 9:00 CONNECTION.
 +10.1 - 3:00 CONNECTION
 +10.4 - END OF RUN. - PIPE ENTERS IN LATERAL (LAUNDRY RUN)
 + RED DYE IN SUMP AFTER 30 MINUS OF TESTING.

+9.0 - HEAVY INFILTRATION OF
 CLEAN WATER @ JOINT. (CUSHIONS)
 +12.5 - "
 +13.0 - "
 +15.1 - "
 +18.0 - "
 +20.0 - CONNECTION FOUND.

**BURGESS & NIPLE**Dye Testing Form

Resident Name: K. NEWTON
 Project Name: FPII
 Project Job #: _____
 Testing Crew: LCS
 B&N Field Rep: RRH
 Others Present: _____

Street Address: 533 THIRD
 Arrive Time: 8:00
 Depart Time: 11:00
 Testing Date: OCT 6 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: DryRain XRain in last 24hr NOProperty Type: Residential ☒Soil Moisture Moist ☒Weather: Dry ☒

Time of Testing: _____ Min

Dye Observed at Connection: 9:40-10:00 Min DYE TEST OVER LAT IN YARD. COULDN'T

Water used (Gal):

Sump Pump Y/N: NOSump Pump Discharge Point: NONECurb ☒

Downspout Contributing (Y/N)

Discharge During Test Y/N: _____

Est Flow to Sanitary

GPM

	1	2	3	4	5	Total
A(sf)	0	0	0	0	0	0
GPM	0	0	0	0	0	0

Area Drain To San (Y/N): _____

Area (SF)

Flow GPM

Basement Wall to FD

GPM

Basement Slab to FD

GPM

FD= Floor Drain that is connected to Sanitary

Foundation Drain to San

GPM

A(sf) = Roof area in square feet to Downspout

Lateral Material Change

GPM

From CCTV Report

Lateral Line Pipe Infiltration

GPM

From CCTV Report

Sum I/I Observed in Lateral

GPM

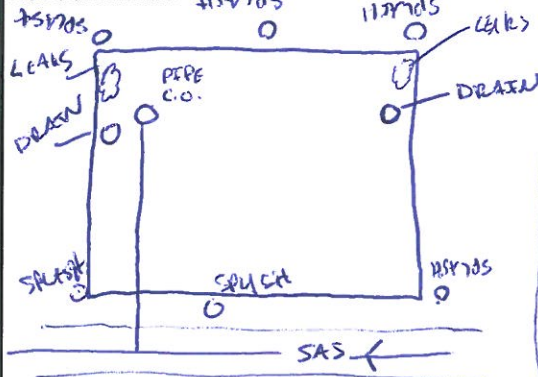
Sum from lateral CCTV log below

Estimated I/I at Connection:

GPM

View from Main Line. Compare with individual I/I Observations

Site Comments:



+ AFTER 5 MINS OF DYE TESTING, WATER POURING INTO BASEMENT THROUGH CRACKS IN FLOOR AND RUNNING TO FLOOR DRAIN THAT GOES TO SAN. LAT
 + APPEARS FLOOR DRAIN (IF PRESENT) ARE BROKEN OR CLOGGED.
 + OLD DOWNSPOUT CONNECTIONS IN GARAGE PRESENT. PROPERLY GROUTED, UNABLE TO GET WATER IN.
 + BOTH SIDES OF BASEMENT WALLS LEAK HEAVY IT INTO BASEMENT.

+ 13' - LAT @ 12:00

31'-36' → + 31' - ROOTS & CROWN IN LATERAL (50%)
47'

+ SLIGHT

+ 86'-3:00' ROOTS CONNECTION, BOTH W/ROOTS

+ 100' CONN. @ 9:00

+ I/I IN NUMEROUS SCENTS IN LATERAL AFTER 20 MINS OF DYE TESTING. AT ROOF AND MINERALS.

+ WAS ABLE TO GET SLIGHT DYE OUT OF OLD CAPPED DOWNSPOUT. DOWNSPOUTS WERE CONNECTED AT ONE POINT.

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+ HAD CROWN SNAKE LINE IN SPRING. HAS SNAKE LINE HIMSELF.

**BURGESS & NIPLE****Dye Testing Form**

Resident Name: S. HARLESS
 Project Name: FP II
 Project Job #: _____
 Testing Crew: L.C.S.
 B&N Field Rep: RPH
 Others Present: _____

Street Address: 301 EAST
 Arrive Time: 11:30
 Depart Time: 3:00
 Testing Date: OCT 6 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: Dry ☒ Rain ☒ Rain in last 24hr ☒

Property Type: Residential ☒

Soil Moisture: Moist ☒

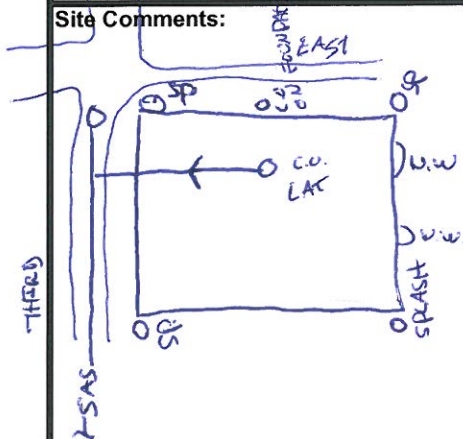
Weather: Dry ☒

Time of Testing: 12:30-1:30 Min WATER IN C.O.

Dye Observed at Connection: _____ Min

Water used (Gal):

Sump Pump Y/N:	<u>YES</u>	Downspout Contributing (Y/N)					
Sump Pump Discharge Point:	<u>Curb YARD</u>						
Discharge During Test Y/N:							
Est Flow to Sanitary		GPM					
Area Drain To San (Y/N):		Area (SF)					
Basement Wall to FD		GPM					
Basement Slab to FD		GPM					
Foundation Drain to San		GPM					
Lateral Material Change		GPM	From CCTV Report				
Lateral Line Pipe Infiltration		GPM	From CCTV Report				
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below				
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations				

Site Comments:

+ DYE TESTING C.O. ON EAST SIDE OF HOUSE - AFTER 40 MINS NO CONFIRMATION ON WHERE IT GOES. NO SUMP, NO SANITARY, NO STORM.

+ PUSH CAM IN FRONT C.O. SHOW PERFORATED PIPE. LINE BENDS TWICE TO GO AROUND FRONT PORCH AND UNABLE TO GET PUSH CAM AROUND THEM. MM EVENTUALLY GO TO OLD FOOTER DRAINS.

+ HOUSE WAS WATERPROOFED EARLIER IN YEAR W/

+ LATERAL LOCATED 25' FROM DOWNSTREAM. THIS NEW PIPE PUT IN FOR ADDITION (OHIO STATE WATER PROOFING).

+ ROOT BALL @ FEW INCHES.

+ HEAVY DEBRIS IN BOTTOM OF PIPE.

+ 88' - BREAK IN @ 12:00

+ 90' - 3:00-9:00 CONNECTION

+ NO CLEAN OUT IN YARD - NO TRAIL AND CLEAN.



Resident Name: A. KILBOURNE
Project Name: FDII
Project Job #: _____
Testing Crew: L.C.S.
B&N Field Rep: R.R.H.
Others Present: _____

Street Address: 225 EAST
 Arrive Time: 8:00-11:00
 Depart Time: 11:00
 Testing Date: OCT 7 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: Dry ☒ Rain ☐ Rain in last 24hr ☐

Property Type: Residential

Soil Moisture	Moist	▼
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Weather: Dry ☒ ☐

Time of Testing:	9:10 - 9:23	Min	GREEN DYE NORTHWALL FOUNDATION NEAR WINDOW
Dye Observed at Connection:	9:40 - 10:30	Min	RED DYE OVER LATERAL. NO F-1

Sump Pump Y/N: <i>No</i>			Downspout Contributing (Y/N)							
Sump Pump Discharge Point: <i>/</i>				1	2	3	4	5	Total	
Discharge During Test Y/N:			A(sf)	0	0	0	0	0	0	
Est Flow to Sanitary		GPM	GPM	0	0	0	0	0	0	
Area Drain To San (Y/N):		Area (SF)	Flow GPM							
Basement Wall to FD		GPM	FD= Floor Drain that is connected to Sanitary A(sf) = Roof area in square feet to Downspout							
Basement Slab to FD		GPM								
Foundation Drain to San		GPM								
Lateral Material Change		GPM	From CCTV Report							
Lateral Line Pipe Infiltration		GPM	From CCTV Report							
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below							
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations							

+ INTRODUCE DYE ON NORTH WALL OF HSE, AFTER 12 MEN'S GREEN DYE PUMPED IN THROUGH 12:00 CONNECTION IN LATERAL, LOOKS TO BE ANOTHER CONNECTION IS LOCATED INSIDE THAT 12:00 CONNECTION.

+ AFTER 50 MINS, NO I-I PRESENT IN LATERAL.

+ NO CLEANOUT

- * 210' - LATERAL @ 12:00 JS. OF MH.
- + 40' - START ROOTS @ JOINTS TO 50' (FROM MAIN)
- + 74' - 12:00 CONNECTION
- + 88' - 12:00 CONNECTION

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+ 92' - 3:00 CONNECTION
+ 92' - SIZE CHANGE TO 4" IN HSE.



Dye Testing Form

Resident Name: C.C.
Project Name: FPI#
Project Job #: _____
Testing Crew: L.C.S.
B&N Field Rep: RRH
Others Present: _____

Street Address: 414 Chestnut
 Arrive Time: 11:30
 Depart Time: _____
 Testing Date: Oct 7 2016
 Sanitary Main Size: 8 Inch
 Downstream MH: _____
 Upstream MH: _____
 Flowmeter Area: _____

Weather: ☒ Dry

Rain *ok*

Rain in last 24hr No

Property Type: Residential

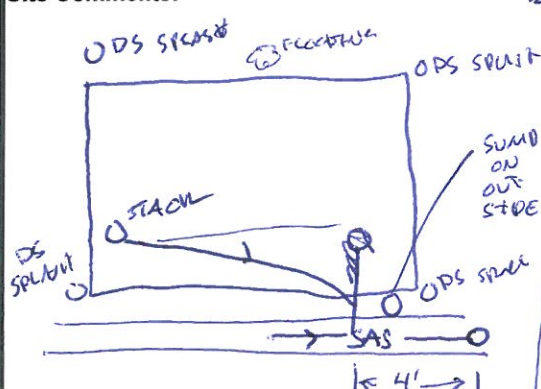
Soil Moisture Moist

Weather: Dry

Time of Testing:	12:20-12:40 Min	20 mins From Sump to Lateral.
Dye Observed at Connection:	1:20-1:42 Min	GREEN DYE BACK OF HSE, NO EVIDENCE TO SUMP.
	2:00-2:05	

Water used (Gal): 100 ON OUTSIDE OF HOUSE

Sump Pump Y/N:	YES			Downspout Contributing (Y/N)						
Sump Pump Discharge Point:		Curb L.A.T. TRENCH			1	2	3	4	5	Total
Discharge During Test Y/N:				A(sf)	0	0	0	0	0	0
Est Flow to Sanitary		GPM		GPM	0	0	0	0	0	0
Area Drain To San (Y/N):		Area (SF)		Flow	GPM					
Basement Wall to FD		GPM		FD= Floor Drain that is connected to Sanitary A(sf) = Roof area in square feet to Downspout						
Basement Slab to FD		GPM								
Foundation Drain to San		GPM								
Lateral Material Change		GPM	From CCTV Report							
Lateral Line Pipe Infiltration		GPM	From CCTV Report							
Sum I/I Observed in Lateral		GPM	Sum from lateral CCTV log below							
Estimated I/I at Connection:		GPM	View from Main Line. Compare with individual I/I Observations							

Site Comments:

+ SUMP PUMP TEST LOCATED IN FRONT YARD
UP AGAINST HOUSE - RAN RED DYE FOR
APPROX 20 MINS. RED DYE WAS STREAMING
INTO LATERAL WHERE PIPE CHANGED SIZE
AND MATERIAL TO PVC. LOOKS LIKE SUMP
COULD BE PIPED INTO SAME TRENCH AND
BAY CONNECTION.

+ RESIDENT STATED WOULD DISCONNECT SUMM INT. CAT.
AND DISCHARGE TO YARD.

- + LATERAL CONNECTION 3' FAN MH.
- + 2' TN - BROKEN @ JOINT - SMALL
- + 22' - TRANSITION TO PVC
- + 58' - 3:00 - 9:00 CONNECTION

+ AFTER 10 MINS OF FLOODING OVER LATERAL GREEN DYE CONTIN IN WHERE PIPE CHANGES TO PVC. ALSO INTRODUCES RED DYE, TOOK 5 MIN TO LEAK IN.

+ Looks like they need to dig lateral up

2 TRANSITION AND PROPERLY SEAL. MIGHT HAVE REPLACED LATERAL UP TO SWAZI